

DIV. INS.
U.S. NATL. MUS.**UNITED STATES DEPARTMENT OF AGRICULTURE****AGRICULTURAL RESEARCH ADMINISTRATION****BUREAU OF ENTOMOLOGY AND PLANT QUARANTINE****SERVICE AND REGULATORY ANNOUNCEMENTS****LIST OF INTERCEPTED PLANT PESTS, 1948¹**

(List of Pests Recorded During the Period July 1, 1947 to June 30, 1948, Inclusive, as Intercepted in, on, or with Plants and Plant Products Entering United States Territory)

INTRODUCTION

This report, covering the thirty-fifth year for which interception lists have been issued, summarizes the records of insect pests and plant pathogens found in, on, or with plants and plant products (1) imported, (2) offered for but refused entry, (3) held as ships' stores, etc., and hence not offered for entry through customs, (4) offered for entry for immediate export or for immediate transportation and exportation in bond, and (5) in domestic shipments between Hawaii and Puerto Rico and the mainland.

In some cases collections made late in the year are included in the report for the following year, since determinations cannot be obtained immediately for all of them. Occasionally determinations are delayed for longer periods. The data for this list are obtained from routine reports by personnel of this Bureau, supplemented by information supplied by State and Customs officials. The States of California and Florida maintain staffs of specialists who determine a large proportion of the material collected at their ports. Specialists of the Bureau of Plant Industry, Soils, and Agricultural Engineering determine many of the difficult or unusual pathogens collected at the ports.

All scientific names are reviewed by appropriate specialists in the Department to assure conformance to the international rules of nomenclature.

While every reasonable effort is made to give the correct origin for all collections listed, the alleged origin of host plant materials cannot be verified in all cases, and where there is reason to doubt the accuracy of the information, the questionable items are either omitted or the origin is listed as unknown.

During the period under consideration importations of plant propagative material have continued to arrive from various parts of the world in volumes exceeding those of prewar years. Many of these perishable plant importations arrived by air transportation and with them came living pests in considerable numbers. Formerly, many of these same pests perished on long sea voyages. This increased threat to the nation's plant life has necessitated increased vigilance on the part of all persons concerned. Fortunately, the personnel of both the commercial air lines and the military services continue to render excellent aid in the enforcement of plant quarantine regulations intended to reduce the air movement of potentially dangerous plant materials to a minimum.

INTERCEPTIONS FROM AIR-BORNE MATERIAL

Air-borne plant material arrives in mail, baggage, express, stores, and freight, and interceptions of plant pests from such material have been frequent. During the year 3,324 interceptions were made of insects arriving by air with agricultural material or as stowaways. There were 172 interceptions of plant diseases. Approximately half the plant disease organisms were not determinable to species, but, from the evidence, appeared to represent little or no risk to this country. A few of the disease organisms specifically determined but not known to be in the

¹ Compiled by W. H. Wheeler, pathologist, Judith Hunt, scientific aid, and E. P. Reagan, entomologist, Division of Foreign Plant Quarantines.

United States are, however, reported to be parasites of their hosts in foreign countries. These totals for plant disease interceptions, while not large, serve to illustrate the disease-carrying possibilities of plant materials brought to this country by air transportation. Some of the most important insects intercepted during the year were taken from host fruits and plants arriving by plane. In fact, planes are becoming the most frequent source of interception of certain notoriously destructive pests, particularly fruit flies.

Among the more important insects found in air-borne material were: The citrus blackfly (*Aleurocanthus woglumi*) on breadfruit in baggage from Jamaica, on *Bryophyllum* sp. in baggage from Bermuda, and on lime leaf in baggage from Cuba; the whitefly *Aleurothrixus myrtacei* on gardenia in baggage from Cuba; *Aleurotrachelus trachoides* on leaf of bay-rum tree in baggage from the Bahamas; *Anastrepha fraterculus* in orange in baggage from Brazil, and *A. fraterculus* (?) in guava in baggage from Colombia; the Mexican fruit fly (*A. ludens*) in mango and orange in baggage from Guatemala and Mexico, and in orange in quarters from Mexico; the West Indian fruit fly (*A. mombinpraeoptans*) in guava in baggage from Aruba and Puerto Rico, in *Ilex glabra* (gallberry) in baggage from Jamaica, in Malay-apple in baggage from the Dominican Republic, in mango in baggage from the Dominican Republic, Guatemala, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico, Salvador, and Trinidad, in mango in cargo from Jamaica, in rose-apple in baggage from Jamaica, and in yellow mombin in baggage from Cuba, Nicaragua, Puerto Rico, and Salvador; *A. serpentina* in mamey in baggage from Salvador, in sapodilla in baggage from Mexico, Nicaragua, and Venezuela, and *A. serpentina* (?) in sapodilla in baggage from Costa Rica and in mamey in baggage from Salvador; *A. striata* in guava in baggage from Costa Rica and Mexico; *A. suspensa* in guava in baggage from Puerto Rico, pupae and empty pupae cases of *A. suspensa* in soil in baggage from the Dominican Republic, and *A. suspensa* (?) in guava in baggage from Cuba; the Mediterranean fruit fly (*Ceratitis capitata*) in fig in baggage from Italy, Palestine, and Portugal, in grape in stores from Portugal, in mango in baggage from Italy and Portugal, in orange in cargo from Algeria, in peach in baggage from Italy, in peach in stores from Portugal, in peach in cargo from the Union of South Africa, in persimmon in baggage from Italy, in plum in stores from Portugal, in ponderosa lemon in baggage from Spain, in pricklypear in baggage from Italy, in quince in baggage from France, Greece, and Italy, in tangerine in baggage from Palestine and Portugal, in tangerine in quarters from Portugal, and in tangerine in stores from Italy, Portugal, and Spain, and *C. capitata* (?) in apple in baggage, origin unknown, in avocado in stores from Australia, in grape in cargo from the Union of South Africa, and in pear in stores from Portugal; *C. rosa* in peach in cargo from the Union of South Africa; *Cylas formicarius* var. in sweetpotato in cargo from Siam; the olive fruit fly (*Dacus oleae*) in olive in baggage from the Azores, Greece, Italy, Portugal, and Spain; the rhododendron whitefly (*Dialeurodes chittendeni*) on leaf of rhododendron in express from England; the West Indian sweetpotato weevil (*Euscepes postfasciatus*) in sweetpotato in baggage from Puerto Rico; the Argentine ant (*Iridomyrmex humilis*) on chrysanthemum in baggage and on plum in stores from Portugal, and in soil around unidentified bulbs and plants in baggage from the Azores; *Kaloterms marginipennis* in suitcase in baggage from Guatemala; East Indian bean pod borer (*Maruca testulalis*) in pigeonpea and string bean in baggage from Puerto Rico and in string bean in cargo from New Zealand; *Monomorium destructor* on *Cattleya* sp. in baggage from Jamaica; the pink bollworm (*Pectinophora gossypiella*) in gin motes in cargo from Brazil, in cottonseed in mail from Hawaii and in baggage from Venezuela; *Rhagoletis cerasi* in cherry in baggage from Czechoslovakia, France, Italy, and Switzerland, and in stores from Portugal.

The more important plant disease organisms found on air-borne material, not believed to be established in the United States, were *Ascochyta citri* on orange in baggage from Italy and the Azores, *A. decipiens* on snapdragon in baggage from England, *Cercospora angraeci* on odontoglossum orchid in express from France, *Coleosporium dahliae* on dahlia in baggage from Mexico, *Coniothyrium diplodiella* on rose in express from France, *Cytospora lirella* on bamboo in cargo from Mexico, *Elsinoe phaseoli* on lima bean in baggage and cargo from Puerto Rico, *Gloeosporium olivarium* on olive in baggage from Italy, *Phyllosticta cymbidii* on cymbidium orchid in baggage from Japan; *P. odontoglossi* on stanhoepia orchids in baggage and cargo from Panama and Costa Rica, *Stagonospora ilicis* on English holly in baggage from England, *Uredo behnickiana* on laelia orchid in cargo from Mexico, and *U. scabies* on vanilla orchid in baggage from Nicaragua.

NOTES ON INSECTS INTERCEPTED

FRUIT FLIES

Anastrepha fraterculus was intercepted in grapefruit from Brazil and in orange from Argentina and Brazil, and *A. fraterculus* (?) in guava from Colombia and in orange from Brazil and Colombia. The Mexican fruit fly (*A. ludens*) was taken in apple, avocado, grapefruit, mango, orange, peach, pear, quince, sapote, sweet lime, undetermined seed, white sapote, and on an open deck near garbage from Mexico, in grapefruit from British Honduras, and in mango and orange from Guatemala. *A. ludens* (?) was found in mango and in orange from Mexico. The West Indian fruit fly (*A. mombinpraeoptans*) was intercepted in guava from Aruba, Cuba, and Puerto Rico, in gallberry (*Ilex glabra*) and rose-apple from Jamaica, in Malay-apple from the Dominican Republic, in mango from the Bahamas, Cuba, the Dominican Republic, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico, Salvador, and Trinidad, in *Spondias* sp. from Nicaragua, and in yellow mombin from Cuba, Nicaragua, Puerto Rico, and Salvador, and *A. mombinpraeoptans* (?) in guava from Puerto Rico, in mango from the Canal Zone, Honduras, Mexico, Puerto Rico, and Salvador, and in yellow mombin from Salvador. *A. serpentina* was taken in mamey from Mexico and Salvador, in sapote from Salvador, and in sapodilla from Guatemala, Honduras, Mexico, Nicaragua, and Venezuela, and *A. serpentina* (?) in mamey from Salvador, and in sapodilla from Costa Rica and Venezuela. *A. striata* was found in guava from Costa Rica, Honduras, and Mexico. *A. suspensa* was taken in guava from Cuba and Puerto Rico, and in soil from the Dominican Republic. The Mediterranean fruit fly (*Ceratitis capitata*) was intercepted in apple from Argentina and Italy, in apricot from Algeria (?), in fig from the Azores, Bermuda, Italy, Palestine, and Portugal, in grape from Argentina, Portugal, and the Union of South Africa, in grapefruit from Australia, Brazil, Egypt, and Italy, in loquat from Bermuda and Italy, in mango from Egypt and Hawaii, in orange from Algeria, Argentina, Australia, Brazil, Egypt, Gold Coast, Italy, Palestine, Portugal, Spain, and Syria, in peach from Italy, Morocco, Portugal, and the Union of South Africa, in plum from Portugal, in persimmon and prickly-pear from Italy, in ponderosa lemon from Spain, in pummelo and sweet bell red pepper from Hawaii, in quince from France, Greece, Italy, and Spain, and in tangerine from Algeria, Italy, Palestine, Portugal, and Spain, and *C. capitata* (?) in avocado from Australia and Hawaii, in grape from Argentina and the Union of South Africa, in orange from France, India, Italy (?), and Spain, in pear and plum from Portugal, and in sweet lime from the Azores, in tangerine from the Azores, Italy, and Portugal, and in tomato from Hawaii. *Ceratitis rosa* was found in peach from the Union of South Africa. The melon fly (*Dacus cucurbitae*) was found in cucumber, squash, string bean, sweet bell red pepper, and tomato from Hawaii. The oriental fruit fly (*Dacus dorsalis*) was intercepted in avocado, banana, guava, longan, mango, and papaya from Hawaii, and in mango from the Philippines; and *D. dorsalis* (?) in banana, immature green coconut, and mango from Hawaii. The olive fruit fly (*Dacus oleae*) was taken in olive from the Azores, Greece, Italy, and Portugal. The celery fly (*Euleia heraclei*) was found in celery from England and Ireland, in celeriac from Denmark, and in parsley from France. *Rhagoletis alternata* was intercepted in hips of *Rosa canina* from Sweden. *R. cerasi* was taken in cherry from Czechoslovakia, France, Italy, Portugal, and Switzerland. The apple maggot (*R. pomonella*) was intercepted in apple from Mexico, and *R. pomonella* (?) in apple and thornapple from Mexico. *R. striatella* (?) was taken in husk tomato from Mexico.

INSECTS OTHER THAN FRUIT FLIES

An eriophyid mite, *Aceria tulipae*, was taken on garlic from Mexico. The citrus blackfly (*Aleurocanthus woglumi*) was intercepted on breadfruit leaf from Jamaica, on leaf of *Bryophyllum* sp. from Bermuda, on leaves of *Citrus* sp., orange, and sour lime from Mexico, and leaf of sour lime from Cuba. *Aleurothrixus myrtacei* (Aleyrodidae) was found on gardenia in baggage from Cuba. A curculionid, *Brachyrhinus porcatus*, was taken on turnip from Norway, and *B. sulcatus* (black vine weevil) was intercepted in dahlia tuber from Canada. Two curculionids, *Brachycerus albidentatus* and *B. algirus*, were taken in garlic from Italy. *Bruchidius incarnatus* (Bruchidae), a serious pest, was taken in vetch from Italy. A chrysomelid, *Cassida nebulosa*, recorded as a pest of beets, lambsquarters, and related plants, was taken with moss and forest litter around rhododendron shrubs from the Netherlands. The Asiatic rice borer (*Chilo simplex*) was intercepted in rice straw from China and in service mail arriving at San Francisco,

Calif. *Coptotermes formosanus* (a very injurious termite) was taken with water-nuts from China. The banana root borer (*Cosmopolites sordidus*) was found in banana root from Guatemala. *Cylas formicarius* was intercepted in sweet-potato from the Philippines and the Straits Settlements; and *C. puncticollis* in sweetpotato from Mozambique and Sierra Leone. *Epicaerus cognatus* (Curculionidae) was found in potato and in *Solanum* sp. (wild) from Mexico. The oriental fruit moth (*Grapholitha molesta*) was taken in apple from Japan, in apricot from Italy, and in peach from unknown origin. *Monomorium destructor*, an important economic ant, probably capable of becoming established in the warmer sections of the United States, was intercepted on *Cattleya* sp. plant from Jamaica. The pink bollworm (*Pectinophora gossypiella*) was intercepted in cottonseed from Brazil, British West Indies, Hawaii, Italy, Mexico, St. Kitts, and Venezuela, in cotton boll from Hawaii and Italy, in gin notes from Brazil, in seed cotton from Egypt, and in okra from Cyprus, Dominican Republic, and Puerto Rico. A chrysomelid, *Phyllotreta undulata*, a European species not known to be established in the United States, was found on shrubs from the Netherlands. *Premnotrypes vorax* (Curculionidae) was taken in potato from Ecuador.

SNAILS

Salvaged military equipment was on four occasions found to be contaminated with living giant African snails (*Achatina fulica*). Two of the interceptions were made at San Francisco, Calif., on material from Guam and the Marianas, and two at San Pedro, Calif., on material from the Marianas.

Other interceptions of snails, not known to occur on the mainland of the United States and injurious to agriculture, included *Bradybaena similaris*, which was found at Philadelphia, Pa., among string beans from Bermuda, and *Lemellaxis* sp. which was taken at San Diego, Calif., in soil around a potted plant from Algeria.

Correction.—On page 22 of the List of Intercepted Plant Pests for 1947 is found the name *Gnaphalocrocis medinalis* (Guen.), which should have been spelled *Cnaphalocrocis medinalis* and thus would correctly appear on page 15.

NOTES ON DISEASES INTERCEPTED

With reduction in maritime traffic between this country and India and Ceylon, following the end of the recent world conflict, interceptions of citrus canker (*Xanthomonas citri*) have fallen off. In spite of this, India, for the third year, contributed the largest number of interceptions of the disease. The Philippines followed in second place. A disease interception of considerable significance to a well-known material of commerce was a rust, *Uredo scabies*, of the vanilla orchid brought in by an air traveler from Nicaragua. The vanilla cuttings, collected in the wilds of that country, were intended for direct movement from the United States port of entry to Puerto Rico where they were expected to contribute to the vanilla industry of that island. The interception of the rust represents the first record of its occurrence north of South America. A second disease representing a threat to the citrus groves of this country, the sweet orange scab (*Elsinoe australis*), was taken five times on lemon from Argentina, Brazil, and Paraguay, seven times on sweet orange from Argentina and Brazil, and once on an unidentified citrus fruit from Brazil. A second rust of interest, *Coleosporium senecionis*, was intercepted from Argentina on the composite plant *Senecio deferens*. Pines are the alternate hosts of this pathogen and in some parts of the world suffer serious injury from its attack.

Other diseases worthy of note were a stem fungus, *Ascochyta decipiens*, of snapdragon from England; a leaf-infecting fungus, *A. fraxini*, of ash from Italy; the banana leaf spot (*Cercospora musae*) from various countries where it is known; a rust fungus, *Coleosporium dahliae*, of dahlia from Mexico; the black scale fungus (*Colletotrichum lilii*) of various species of lily bulbs from Australia, China, India, and Japan; a virulent wound parasite, *Cryptospora longispora*, of pine from New Zealand; the lima bean scab fungus (*Elsinoe phaseoli*) from Puerto Rico; the spot anthracnose fungus (*Elsinoe piri*) on pear from the Union of Soviet Socialist Republics; a fruit-rotting fungus, *Helminthosporium carposaprum*, of pepper and tomatoes from Mexico; a leaf-rotting fungus, *Heteropatella vattellinensis*, of carnation from Canada; a brown rot fungus, *Monilinia fructigena*, of apple from Sweden; a leaf blight fungus, *Mycosphaerella hondai*, of rice from China and Japan; citrus black spot (*Phoma citricarpa*) from Australia, China, India, Spain, and the Union of South Africa, on various citrus fruits including lemon, grapefruit, mandarin orange, and sweet orange; a stem canker fungus, *Phomopsis magnoliae*, on magnolia from the Netherlands; a leaf fungus, *Phyllachora balansae*, on *Cedrela* sp.

from Panama; a leaf fungus, *Phyllachora cynodontis*, of Bermuda grass from India; a branch knot-forming fungus, *Plowrightia virgultorum*, on European white birch from Sweden; a rust fungus, *Puccinia longicornis*, on bamboo from China; a twig fungus, *Sclerotinia kernerii*, on silver fir from Germany; a leaf spot fungus, *Septoria arethusa*, on lemon from Argentina; a leaf blotch fungus, *Septoria cercosporioides*, on chrysanthemum from Mexico; a leaf blotch fungus, *Septoria posekensis*, on cymbidium and cypripedium orchids from India; the Australian citrus scab fungus (*Sphaceloma fawcettii scabiosa*) on lemon from Australia; a smut fungus, *Sphacelotheca trachypogonis*, of crinkleawn grass from Brazil; a rust fungus, *Sphenospora kevorkianii*, on stanhoepia orchid from Ecuador; a rust fungus, *Thecopsora areolata*, on the European birdcherry from Finland; a rust fungus, *Uredo ignava*, on bamboo from China, and an unknown source; a rust fungus, *Uromyces bacumerlianus*, on sweet clover from Egypt; and a smut fungus, *Ustilago kenjiana*, on sorghum from Arabia.

Nematodes of interest for the year were *Aphelenchoides bicaudatus* in dasheen tubers from Cyprus; *A. parietinus* in lily bulb from England; *A. ritzemabosi* in garlic from Mexico; *A. subterruis* in narcissus bulb from the Netherlands; *Ditylenchus dipsaci* in garlic from Mexico, colchicum from the Netherlands, narcissus from England, and Star-of-Bethlehem from the Netherlands; *D. iridis* in colchicum, crocus, iris, and tigridia from the Netherlands, and in iris from England; and *Pratylenchus scribneri* in potato tubers from Mexico.

Of the 1,157 species of pathogens or other organisms listed in the table, 60 were new to the interception files. Interceptions of the other 1,097 pathogens showed 117 new countries of origin and 102 new hosts.

COMMON PESTS INTERCEPTED

Beginning with the year covered by this report the keeping of records on the various insects and plant diseases reported under this heading has been discontinued. Those insects and diseases were, in nearly all instances, widely distributed in the regions in this country favorable to their existence, and in many cases the interception records compiled through the years showed the same pests to be of almost universal occurrence in countries from which certain plants and plant products come to this country. The discontinuance of the records on these common pests considerably reduces the total number of pests reported in the list, but it is believed this compilation will be of even more use in its present form.

INCOMPLETELY DETERMINED PESTS

Frequently inspectors find insects or pathogens affecting plant material in such a stage or condition that complete and accurate determination is impracticable or impossible. Some of these insects and pathogens are without doubt new to science, and may be destructive pests. The notes below are given to show the general nature of such incompletely determined interceptions.

INSECTS

Among the incompletely determined insects intercepted were the following fruit flies: *Anastrepha* sp., probably *fraterculus*, at New York, N. Y., in grapefruit in stores from Brazil, at Baltimore, Md., in orange in quarters and stores from Brazil, at Mobile, Ala., in baggage from Brazil, at New York in stores from Brazil, at Miami, Fla., in coffee berries in baggage from Colombia, and at the National Airport, Arlington, Va., in guava in baggage from Peru; *Anastrepha* sp., probably *mombinpraeoptans*, at New York in guava in baggage from Puerto Rico, at New Orleans, La., in mango in baggage from Guatemala, at Galveston, Tex., in mango in quarters from Guatemala, at Brownsville, Tex., in mango in express from Salvador, and at El Paso, Tex., in mango in baggage from Salvador; *Anastrepha* sp., probably *serpentina*, at New Orleans, La., in sapodilla in baggage from Venezuela; *Anastrepha* sp., possibly *striata*, at Laredo, Tex., in guava in baggage from Mexico; *Anastrepha* sp., probably *suspensa*, at Miami, Fla., in guava in baggage from Puerto Rico, and at New York in paper wrapping of guavas, cashew, and gooseberries in stores from the Dominican Republic; *Anastrepha* sp. at New Orleans, La., in sapodilla in baggage from Costa Rica and in almond and orange in quarters from Guatemala, at New York in sapodilla in baggage from Puerto Rico, in grapefruit and orange in stores and in peach and guava in baggage from Brazil, in mango in baggage from Dutch Guiana and Guatemala, in *Spondias* sp. in baggage from Trinidad, in guava in baggage and mail from Puerto Rico and in guava in baggage from Venezuela, at San Antonio,

Tex., in mango in baggage from Guatemala, at Charleston, S. C., in guava in baggage from Dutch Guiana, at Brownsville, Tex., mango and quince in baggage from Mexico, at Miami, Fla., in genip and quince in baggage from Peru and in mango in baggage from Colombia and Jamaica, at the National Airport, Arlington, Va., in orange in baggage from Brazil, at San Juan, P. R., in orange in baggage from Brazil, at Seattle, Wash., in mango in stores from Peru, at Boston, Mass., in orange in stores from Brazil, at El Paso, Tex., in mango and guava in baggage from Mexico and in guava in baggage from Salvador, at Baltimore, Md., in orange in stores and in plum in quarters from Brazil and in grapefruit in stores from Trinidad, at Mobile, Ala., in orange in baggage from Brazil, at Galveston, Tex., in orange in stores and quarters from Brazil, at Philadelphia, Pa., in pummelo in stores from Brazil and in grapefruit in stores from Argentina; probably *Anastrepha* sp. at Norfolk, Va., in orange in stores from Argentina, and a pupa of *Anastrepha* sp. in a bag of fruit from British Honduras; *Ceratitidis* sp. at New York in orange in stores, and in grape in cargo from the Union of South Africa; *Ceratitidis* sp. (?) at New York in apple in stores from the Union of South Africa; *Dacus* sp. at New York in cucumber in stores from the Union of South Africa; *Dacus* sp. (?) at Honolulu, T. H., in fruit of *Ficus* sp. in baggage from the Philippines and in mango in baggage from India; *Rhagoletis* sp. at Hidalgo, Tex., in black walnut in baggage, at El Paso, Tex., in *Lycium berlandieri* and *Lycium* sp. in baggage from Mexico; *Rhagoletis* sp. (?) at Washington, D. C., in fruit of *Solanum* sp. in mail from Mexico. Eight interceptions which could not be identified beyond family (Tephritidae) were taken at Boston, Mass., in coconut in baggage from Liberia, at El Paso, Tex., in *Lycium* sp. in baggage from Mexico, at San Pedro, Calif., in coffee berry in baggage from Hawaii, and at New York in orange in stores from Brazil and in grape in cargo from Argentina.

The following miscellaneous insects of special interest were intercepted: *Aleurocanthus* sp. (Aleyrodidae), apparently undescribed, on bamboo leaf in stores from India or China; Aleurodicinae (Aleyrodidae), new genus and new species, near *Aleurodicus*, at Laredo, Tex., on *Laelia majalis* and *Laelia* sp. from Mexico; *Aleuroplatus* sp., near *variegatus* Q. & B., (Aleyrodidae) at San Francisco, Calif., on *Philodendron* sp. in air express from Guatemala; *Aleurotrachelus* sp. (Aleyrodidae), apparently undescribed, at Miami, Fla., on *Anthurium* sp. leaf in cargo from Colombia; *Aximogastra* (new) sp. (Eurytomidae) at Laredo, Tex., on orchid and philodendron in cargo from Mexico; probably an undescribed coccid, *Conchaspis* sp., at Hoboken, N. J., on *Xylobium* sp. (orchid) in mail from the Canal Zone; two curculionids, *Conotrachelus* sp., near *carinifer* Csy., and *Conotrachelus* sp., near *naso* Lec., at Brownsville, Tex., on *Laelia* sp. in cargo from Mexico; *Hololepia* sp. (Histeridae), not native to the United States, at Brownsville, Tex., on *Laelia majalis* in cargo from Mexico; *Leptispa* sp., probably *godwini* Baly (Chrysomelidae), probably capable of becoming a pest in this country if it could establish itself on a suitable host, at New York on bamboo in stores from India or China; *Meibomeus* sp. (Bruchidae), probably new species, at Washington, D. C., in *Desmodium* sp. in mail from Argentina; *Parallelodiplosis* sp. (Itonididae) at Brownsville, Tex., on orchid plant in cargo from Salvador; probably an undescribed species of *Stephanoderes* sp. (Scolytidae) at Nogales, Ariz., in *Acacia cochliacantha* in baggage from Mexico; an interesting and rare mite, *Zercon* sp., at Hoboken, N. J., on magnolia branch in cargo from the Netherlands.

There were 3,559 interceptions distributed among 852 genera, which could be identified to genus only. A total of 111 could be determined to family only.

A total of 3,670 incompletely determined insects were intercepted during the year.

DISEASES

Among the incompletely determined plant disease organisms collected from incoming material during the year were *Cercospora* sp. on euonymus from Japan; *Cercospora* sp. on avocado from Mexico; *Curvularia* sp. on onion from Mexico; *Cytospora* sp. on camellia from Australia; *Cylindrosporium* sp. on rose from the Netherlands; *Gnomonia* sp. on willow from England; *Graphiola* sp. on palm from the Fiji Islands; *Helminthosporium* sp. on rice from China, and Japan; *Helminthosporium* sp. on rye from India; "Leprosis" on sweet orange from Mexico; *Pestalotia* sp. on sorghum from Liberia; *Ozonium* sp. on licorice stem from Turkey; *Phoma* sp. on sweet orange from Brazil; *Phoma* sp. on apple from Greece; *Phyllachora* sp. on grass from China; *Phyllosticta* sp. on lily bulb from Australia; *Phyllosticta* sp. on narcissus from Ireland; *Phyllosticta* sp. on avocado from Mexico; *Septoria* sp. on anthurium from Belgium; *Sphaeropsis* sp. on lemon from Italy, and *Sphenospora* sp. on *Odontoglossum cervantes* (orchid) from Mexico.

Nematode interceptions of interest were *Aphelenchoides* sp. in lily bulbs from Mexico and the Netherlands; *Aphelenchoides* sp. in potato tuber from Mexico; *Aphelenchoides* sp. in roots of unidentified vine growing on war equipment returned from Okinawa; *Aphelenchus* sp. in garlic and onion from Mexico; *Meta-aphelenchus* sp. in potato tuber from Mexico; *Pratylenchus* sp. and *Tylenchus* sp. in dasheen tuber from Cyprus; *Tylenchus* sp. in soil with orchid from British Guiana; and *Tylenchus* sp. in potato from France.

A total of 285 incompletely determined pathogens were recorded during the year.

Geographic summary of interceptions listed in main table and interception totals

Country	Insect	Disease	Country	Insect	Disease
	Number	Number		Number	Number
Africa:			Union of Soviet Socialist Republics	0	3
Algeria	3	0	Wales	1	0
Anglo-Egyptian Sudan	1	0	North America:		
Belgian Congo	1	0	Bermuda	9	7
Cameroons	2	0	Canada	9	5
Canary Islands	0	1	British Columbia	0	1
East Africa	1	0	Central America	2	0
Egypt	9	2	British Honduras	6	0
French Equatorial Africa	2	0	Canal Zone	46	4
French West Africa	1	0	Costa Rica	96	43
Gold Coast	5	0	Guatemala	56	46
Liberia	0	1	Honduras	17	7
Morocco	3	3	Nicaragua	12	5
Mozambique	1	0	Panama	17	10
Pretoria	0	1	Salvador	28	0
Sierra Leone	4	0	Mexico	1,273	172
Tunisia	0	2	West Indies	1	0
Union of South Africa	12	3	Aruba	1	0
Asia:			Bahamas	17	0
Arabia	0	1	Barbados	6	0
China	13	64	British West Indies	4	0
Cyprus	3	1	Cuba	44	17
Formosa	1	0	Curacao	2	0
India	33	37	Dominica	1	2
Iran	1	0	Dominican Republic	10	7
Iraq	1	0	Haiti	7	1
Japan	59	27	Jamaica	31	0
Korea	1	0	Leeward Islands	2	0
Lebanon	3	0	Martinique	1	0
Malaysia	1	1	Montserrat	1	0
Palestine	7	0	Puerto Rico	226	4
Siam	3	0	St. Kitts	2	0
Straits Settlements	2	0	St. Lucia	0	1
Syria	1	0	St. Vincent	2	0
Australasia:			Trinidad	15	2
Australia	13	10	Virgin Islands	9	0
Guam	14	1	South America:		
Hawaii	137	1	Argentina	78	10
Marianas	4	0	Brazil	7	16
New Zealand	1	6	British Guiana	8	0
Okinawa	0	2	Chile	4	1
Philippines	48	3	Colombia	69	3
Saipan	1	0	Ecuador	4	7
South Pacific	1	0	French Guiana	1	1
Tahiti	5	0	Netherlands Guiana	2	2
Europe:			Paraguay	0	1
Azores	9	5	Peru	7	1
Belgium	19	20	Venezuela	136	2
Czechoslovakia	2	0	Total:		
Denmark	4	0	Africa	45	13
England	58	13	Asia	129	131
Finland	2	2	Australasia	224	23
France	32	9	Europe	573	611
Germany	19	2	North America	1,953	334
Greece	3	2	South America	386	44
Hungary	2	0	Unknown	21	1
Ireland	5	2	Total	3,331	1,157
Italy	257	18	Total incompletely determined pests, pp. 6, 7)	3,670	285
Netherlands	79	521	Total insect interceptions	7,001	---
North Ireland	1	0	Total disease interceptions	---	1,432
Norway	4	1	Grand total	---	8,433
Poland	1	0			
Portugal	45	7			
Scotland	1	0			
Spain	10	3			
Sweden	13	3			
Switzerland	4	0			
Turkey	2	0			

NOTE.—In addition to the countries named above, interceptions were made from Antigua, Austria, Batavia, Bikini Island, Ceylon, Christmas Island, Fiji Islands, Gibraltar, Java, Kwajalein Island, Madagascar, Madeira Islands, Manu Island, Midway Island, Nova Scotia, Solomon Islands, Spanish Morocco, Surinam, Tasmania, Transvaal, Uruguay, West Africa, and Yugoslavia.

List of pests (insects) collected and reported from July 1, 1947 to June 30, 1948,
inclusive

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Acalypta mera</i> Drake (Tingidae):					
<i>Frimula</i> sp.-----	Canada			1	Wash.
<i>Acalypta musci</i> (Schränk) (Tingidae):					
<i>Crataegus</i> sp.-----	Germany			1	N. J.
<i>Acalypta nyctalis</i> Drake (Tingidae):					
<i>Dryopteris</i> sp. (fern)-----	Canada	1			Mass.
<i>Acalypta platychila</i> (Fieb.) (Tingidae):					
<i>Lavandula</i> sp.-----	England			1	N. J.
<i>Acanthoderes circumflexa</i> Duv. (Cerambycidae):					
Wooden slats-----	Mexico	1			Tex.
<i>Acanthoscelides armitagei</i> (Pic.) (Bruchidae):					
<i>Cajanus cajan</i> (pigeonpea)-----	Canal Zone, St. Vincent	3			Ala., N. Y.
<i>Phaseolus</i> sp. (bean)-----	Argentina			1	D. C.
<i>Acanthoscelides quadridentatus</i> (Schaeff.) (Bruchidae):					
<i>Rosa</i> sp.-----	Mexico	1			Tex.
<i>Aceria tulipae</i> (Keif.) (Eriophyidae):					
<i>Allium sativum</i> (garlic)-----	do	1			Ariz.
<i>Achatina fulica</i> (Fer.) (Mollusca):					
Returned military equipment-----	Guam, Marianas	4			Calif.*
<i>Acroleucus vicinalis</i> Dist. (Lygaeidae):					
<i>Laelia</i> sp. (orchid)-----	do			1	Tex.
Orchid-----	do			6	Tex.
<i>Acrolophus superstes</i> Wlsm. (Acrolophidae):					
Orchid-----	Mexico			1	Tex.
<i>Agroiconota propinqua</i> (Boh.) (Chrysomelidae):					
Bean-----	do	1			Ariz.
<i>Agromyza virens</i> Loew (Agromyzidae):					
<i>Phaseolus vulgaris</i> var. (string bean)-----	do	7			Ariz.
<i>Alcaeorrhynchus grandis</i> (Dallas) (Pentatomidae):					
Orchid-----	do			1	Tex.
<i>Aleurocanthus woglumi</i> Ashby (Aleyrodidae):					
<i>Artocarpus altilis</i> (breadfruit)-----	Jamaica	1			Fla.*
<i>Bryophyllum</i> sp.-----	Bermuda			1	Mass.
<i>Citrus aurantifolia</i> (sour lime)-----	Cuba, Mexico	12			Ariz., Calif.,*
<i>Citrus sinensis</i> (orange)-----	Mexico	3			Fla.,* Tex.
<i>Citrus</i> sp.-----	do	3			Ariz., Tex.
<i>Gardenia augusta</i> (gardenia)-----	do			1	Ariz.
<i>Aleuroglandulus emmae</i> Russell (Aleyrodidae):					
<i>Persea americana drymifolia</i> (?)-----	do	1			Ariz.
<i>Aleuroparadozus gardeniae</i> Russell (Aleyrodidae):					
<i>Gardenia augusta</i> (gardenia)-----	do	1			Ariz.
<i>Aleurothrix floccosus</i> (Mask.) (Aleyrodidae):					
<i>Citrus</i> sp.-----	Puerto Rico	1			Fla.*
<i>Aleurothrix myrtacei</i> Bondar (Aleyrodidae):					
<i>Gardenia augusta</i> (gardenia)-----	Cuba	1			Fla.*
<i>Aleurotrachelus citri</i> Priesner & Hosny (Aleyrodidae):					
<i>Citrus sinensis</i> (orange)-----	Palestine		1		Calif.*
<i>Aleurotrachelus trachoides</i> (Back) (Aleyrodidae):					
<i>Pimenta racemosa</i> (bay-rum tree)-----	Bahamas			1	Fla.
<i>Aleurotuberculatus aucubae</i> (Kuwana) (Aleyrodidae):					
<i>Citrus</i> sp.-----	Japan			1	Wash.
Plant-----	do			1	Wash.
<i>Algarobius prosopis</i> (Lee.) (Bruchidae):					
<i>Prosopis</i> sp. (mesquite)-----	Mexico	1			Tex.
<i>Allantus cinctus</i> (L.) (Tenthredinidae):					
<i>Kerria japonica</i> (kerria)-----	Netherlands			1	N. J.
<i>Rosa multiflora</i> (Japanese rose)-----	do			2	N. Y.
<i>Rosa</i> sp. (rose)-----	England, Netherlands	1		1	N. J., N. Y.
<i>Alpheias conspirata</i> Hein. (Galleriidae):					
<i>Ananas comosus</i> (pineapple)-----	Mexico	20			Tex.
Orchid-----	do			1	Tex.
<i>Amorbia emigratella</i> Busck (Tortricidae):					
<i>Chrysanthemum</i> sp.-----	do	1			Tex.

List of pests (insects) collected and reported from July 1, 1947 to June 30, 1948, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Amphicerus cornutus</i> (Pallas) (Bostrichidae):					
Bamboo.....	do.....	1			Mass.
<i>Spondias</i> sp. (?).....	Venezuela.....	2			N. Y.
Wood.....	Mexico.....	3			Ariz.
<i>Amyssonotum rastratum fterum</i> McA. & Mall. (Pentatomidae):					
<i>Catleya</i> sp. (orchid).....	Canal Zone.....			1	Tex.
Wooden slat.....	Mexico.....	1			Tex.
<i>Anastrepha fraterculus</i> (Wied.) (Tephritidae):					
<i>Citrus paradisi</i> (grapefruit).....	Brazil.....		1		N. Y.
<i>Citrus sinensis</i> (orange).....	Argentina, Brazil.....	1	1		Ala., La.
<i>Anastrepha fraterculus</i> (Wied.) (?) (Tephritidae):					
<i>Citrus sinensis</i> (orange).....	Brazil, Colombia.....		2		Ala., La.
<i>Psidium guajava</i> (guava).....	Colombia.....	1			Fla.*
<i>Anastrepha ludens</i> (Loew) (Tephritidae):					
<i>Casimiroa edulis</i> (white sapote).....	Mexico.....	1			Tex.
<i>Citrus aurantifolia</i> (sweet lime).....	do.....	10			Tex.
<i>Citrus paradisi</i> (grapefruit).....	British Honduras, Mexico.....	14	3		Tex.
<i>Citrus sinensis</i> (orange).....	Guatemala, Mexico, Unknown.....	91	20		Ill., La., N. Y., Tex.
<i>Cydonia oblonga</i> (quince).....	Mexico.....	1			Tex.
<i>Malus sylvestris</i> (apple).....	do.....	4			Tex.
<i>Mangifera indica</i> (mango).....	Guatemala, Mexico.....	38	3		Ariz., Calif.,* La., Tex.
<i>Persea americana</i> (avocado).....	Mexico.....	4			Tex.
<i>Prunus persica</i> (peach).....	do.....	1			Tex.
<i>Pyrus communis</i> (pear).....	do.....	7			Tex.
Sapote.....	do.....		1		Tex.
Seed.....	do.....	1			Tex.
On open deck near garbage.....	do.....		1		Tex.
<i>Anastrepha ludens</i> (Loew) (?) (Tephritidae):					
<i>Citrus sinensis</i> (orange).....	do.....	1	1		Tex.
<i>Mangifera indica</i> (mango).....	do.....	2			Tex.
<i>Anastrepha mombinpraepitans</i> Sein (Tephritidae):					
<i>Eugenia jambos</i> (rose-apple).....	Jamaica.....	1			Fla.*
<i>Eugenia malaccensis</i> (Malay-apple).....	Dominican Republic.....	1			P. R.
<i>Ilex glabra</i> (gallberry).....	Jamaica.....	1			Fla.*
<i>Mangifera indica</i> (mango).....	Bahamas, Cuba, Dominican Republic, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico, Salvador, and Trinidad.....	156	8		Calif.,* Fla.,* La., N. Y., Md., Pa., P. R., Tex., Va.
<i>Psidium guajava</i> (guava).....	Aruba, Cuba, Puerto Rico.....	29	1		Fla.,* N. Y., Pa., S. C., Va.
<i>Spondias mombin</i> (yellow mombin).....	Cuba, Nicaragua, Puerto Rico, Salvador.....	9			Calif.,* Fla., La., N. Y., Pa., Tex.
<i>Spondias</i> sp. (mombin).....	Nicaragua.....	1			La.
<i>Anastrepha mombinpraepitans</i> Sein (?) (Tephritidae):					
<i>Mangifera indica</i> (mango).....	Canal Zone, Honduras, Mexico, Puerto Rico, Salvador.....	8			Ala., Calif., La., N. Y., Tex.
<i>Psidium guajava</i> (guava).....	Puerto Rico.....	1			N. Y.
<i>Spondias mombin</i> (jôbo).....	Salvador.....	1			Tex.
<i>Anastrepha serpentina</i> (Wied.) (Tephritidae):					
<i>Achras zapota</i> (sapodilla).....	Guatemala, Honduras, Mexico, Nicaragua, Venezuela.....	6	1		Calif.,* La., N. Y.
<i>Calocarpum sapota</i> (sapote).....	Salvador.....	1			La.
<i>Mammea americana</i> (mamey).....	Mexico, Salvador.....	4			Tex.
<i>Anastrepha serpentina</i> (Wied.) (?) (Tephritidae):					
<i>Achras zapota</i> (sapodilla).....	Costa Rica, Venezuela.....	4			La.
<i>Calocarpum sapota</i> (sapote).....	Unknown.....	1			N. Y.
<i>Mammea americana</i> (mamey).....	Salvador.....	1			Tex.
<i>Anastrepha striata</i> Schiner (Tephritidae):					
<i>Psidium guajava</i> (guava).....	Costa Rica, Honduras, Mexico.....	3	1		Ariz., La.

List of pests (insects) collected and reported from July 1, 1947 to June 30, 1948,
inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Anastrepha suspensa</i> (Loew) (Tephritidae):					
<i>Psidium guajava</i> (guava)	Cuba, Puerto Rico	16			Fla.* N. Y.
Soil	Dominican Republic	1			P. R.
<i>Ancylotomia stercorea</i> (Zell.) (Phycitidae):					
<i>Cajanus cajan</i> (pigeonpea)	Panama, Puerto Rico	2			N. Y.
<i>Anelaphus truncatus</i> (Hald.) (Cerambycidae):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Tex.
<i>Anthonomus albolineatus</i> Champ. (Curculionidae):					
Orchid	do.			4	Tex.
<i>Anthonomus baridoides</i> Champ. (Curculionidae):					
Orchid	do.			1	Tex.
<i>Antonina graminis</i> (Mask.) (Coccidae):					
Gramineae	Guam	1			Calif.*
<i>Anuraphis helichrysi</i> (Kltb.) (Aphidae):					
<i>Chrysanthemum</i> sp.	England			3	N. J., Wash.
<i>Dianthus</i> sp. (carnation)	Mexico	1			Tex.
<i>Aonidiella citrina</i> (Coq.) (Coccidae):					
<i>Citrus paradisi</i> (grapefruit)	Straits Settlement		1		Wash.
<i>Jasminum sambac</i> (Arabian jasmine)	Mexico	2			Tex.
<i>Jasminum</i> sp. (jasmine)	do.	1			Tex.
<i>Rosa</i> sp. (rose)	do.	1			Tex.
<i>Syringa</i> sp.	do.	1			Tex.
<i>Aonidiella inornata</i> McKenzie (Coccidae):					
<i>Carica papaya</i> (papaya)	Hawaii		1		Wash.
<i>Cocos nucifera</i> (coconut)	Philippines	4	3		Calif.*
Cutting	Hawaii			1	Calif.*
<i>Aphis medicaginis</i> Koch (Aphidae):					
<i>Chrysanthemum</i> sp.	Portugal	1			Mass.
<i>Apion carduorum</i> Kirby (Curculionidae):					
<i>Cynara cardunculus</i> (cardo)	Italy			1	N. Y.
<i>Apion craccae</i> (L.) (Curculionidae):					
<i>Vicia</i> sp. (vetch)	France	1			N. Y.
<i>Apion flavipes</i> Payk. (Curculionidae):					
<i>Crataegus</i> sp. with woods moss	Germany			1	N. J.
Moss and forest litter around rhododendron	Netherlands			1	N. J.
<i>Apion godmani</i> Wgnr. (Curculionidae):					
<i>Phaseolus vulgaris</i> var. (string bean)	Mexico	1			Ariz.
<i>Apion pomonae</i> (F.) (Curculionidae):					
<i>Vicia</i> sp. (vetch)	France	2			N. Y.
<i>Arvelius albopunctatus</i> (Deg.) (Pentatomidae):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	3			Tex.
<i>Aspidiotus coryphae</i> Ckll. & Rob. (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Philippines	2	1		Calif.*
<i>Aspidiotus cryptomeriae</i> Kuw. (Coccidae):					
<i>Cryptomeria</i> sp.	Japan			1	Wash.
<i>Aspidiotus degeneratus</i> (Leon.) (Coccidae):					
<i>Camellia</i> sp.	do.			3	Wash.
<i>Aspidiotus destructor</i> Sign. (Coccidae):					
<i>Annona</i> sp.	Puerto Rico	1			N. Y.
<i>Cocos nucifera</i> (coconut)	Colombia, Costa Rica, Guam, Mexico, Phil- ippines, Salvador, Trinidad	2	8		Calif.* Tex.
Leaf	Jamaica		1		Fla.*
<i>Livistona chinensis</i> (Chinese fan palm)	Bahamas	1			N. Y.
<i>Musa paradisiaca</i> (plantain)	Puerto Rico	1			N. Y.
<i>Musa paradisiaca sapientum</i> (banana)	Costa Rica, Guatemala, Hawaii, Mexico, Pan- ama	32			Calif.*
Palmaceae	China			1	Calif.*
Palm	Cuba		1		Tex.
<i>Persea americana</i> (avocado)	Canal Zone			1	Tex.
<i>Spondias cytherea</i> (vi-apple)	Puerto Rico	1			N. Y.
<i>Aspidiotus diffinis</i> Newst. (Coccidae):					
<i>Cydonia</i> sp.	Japan			1	Calif.*
<i>Plumeria</i> sp.	Mexico			1	Tex.
<i>Aspidiotus excisus</i> Green (Coccidae):					
<i>Citrus sinensis</i> (orange)	Philippines		1		Calif.*
<i>Aspidiotus herculeanus</i> Ckll. & Hadd. (Coccidae):					
<i>Plumeria</i> sp.	Canal Zone	1			Fla.*
<i>Spondias mombin</i> (jobo)	Puerto Rico	1			Fla.*

List of pests (insects) collected and reported from July 1, 1947 to June 30, 1948,
inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consump- tion	Nonentry	Propaga- tion	
<i>Aspidiotus palmarum</i> (Ckll.) (Coccidae):					
<i>Citrus sinensis</i> (orange)	Costa Rica		1		Calif.*
<i>Musa paradisica sapientum</i> (banana)	Costa Rica, Guatemala, Panama, Guatemala	10			Calif.*
<i>Philodendron</i> sp.				1	Calif.*
<i>Aspidiotus spinosus</i> (Comst.) (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Guam	1			Calif.*
<i>Mammea americana</i> (mamey)	Jamaica		1		Fla.*
<i>Musa paradisica sapientum</i> (banana)	Nicaragua	1			Calif.*
<i>Persea americana</i> (avocado)	Hawaii		1		Calif.*
<i>Aspidiotus subchortinus</i> Laing (Coccidae):					
<i>Anonopus compressus</i> (carpet grass)	Bermuda	1			Ariz.
<i>Asterolecanium bambusae</i> (Bdv.) (Coccidae):					
Bamboo	Unknown		1		N. Y.
<i>Asterolecanium epidendri</i> (Bouche) (Coccidae):					
<i>Cattleya granulosa</i> (orchid)	Brazil			1	Calif.*
<i>Cattleya</i> sp.	Brazil, Venezuela			3	Calif.* N. J.
<i>Epidendrum</i> sp. (orchid)	Canal Zone			1	Fla.
<i>Laelia</i> sp. (orchid)	Brazil			1	N. J.
Orchid	do.			1	P. R.
<i>Asterolecanium pustulans</i> (Ckll.) (Coccidae):					
<i>Achras zapota</i> (sapodilla)	Bahamas	1			N. Y.
<i>Codiaeum</i> sp. (croton)	Mexico			1	Tex.
<i>Morus</i> sp. (mulberry)	Bahamas			2	Fla., Tex.
Orchid	British Guiana			1	N. J.
Plant	Guam	1			Calif.*
<i>Attelabus corvinus</i> Gyll. (Curculionidae):					
Orchid	Mexico			2	Tex.
<i>Aulacaspis cinnamomi</i> Newst. (Coccidae):					
<i>Mangifera indica</i> (mango)	Venezuela	1			N. Y.
<i>Autoserica castanea</i> (Arr.) (Scarabaeidae):					
<i>Cattleya</i> sp. (orchid)	Colombia			1	N. J.
<i>Barathra brassicae</i> (L.) (Phalaenidae):					
<i>Apium graveolens</i> (celery)	Netherlands		1		Tex.
<i>Brassica</i> sp. (mustard)	Italy	1			Ill.
<i>Barypeithes pellucidus</i> (Boh.) (Curculionidae):					
<i>Rhododendron</i> sp.	Netherlands			1	Wash.
<i>Bemisia marginata</i> (Harris) (Aegeriidae):					
<i>Rubus</i> sp. (raspberry)	Canada			1	Mass.
<i>Berecynthus delirator</i> (F.) (Pentatomidae):					
Orchid	Mexico			1	Tex.
<i>Boraxylon stephegnis</i> Hopk. (Scolytidae):					
Log	Philippines	1			Va.
<i>Bostrychophytes cornutus</i> (Oliv.) (Bostrychidae):					
<i>Poga oleosa</i> (?) ("nagallion")	Cameroons	1			N. Y.
<i>Brachyacma palpigera</i> (Wlsm.) (Gelechiidae):					
Legume pod	Barbados	1			Fla.*
<i>Brachycerus abidentatus</i> Gyll. (Curculionidae):					
<i>Allium sativum</i> (garlic)	Italy	2			N. Y.
<i>Brachycerus algrus</i> (F.) (Curculionidae):					
<i>Allium sativum</i> (garlic)	do.	2			N. Y.
<i>Brachyrhinus porcatum</i> (Hbst.) (Curculionidae):					
<i>Brassica rapa</i> (turnip)	Norway		1		N. Y.
<i>Brachyrhinus sulcatus</i> (F.) (Curculionidae):					
<i>Dahlia</i> sp.	Canada			1	N. J.
<i>Bradybaena similis</i> (Fer.) (Mollusca):					
<i>Phaseolus vulgaris</i> var. (string bean)	Bermuda		1		Pa.
<i>Brentus anchorago</i> L. (Brentidae):					
<i>Spondias</i> sp. (?)	Venezuela	1			N. Y.
<i>Bruchidius gilvus</i> (Gyll.) (Bruchidae):					
<i>Hedysarum</i> sp.	Italy			1	N. Y.
<i>Bruchidius incarnatus</i> (Boh.) (Bruchidae):					
<i>Vicia sativa</i> (vetch)	do.			1	D. C.
<i>Bruchus brachialis</i> (Fabr.) (Bruchidae):					
<i>Vicia villosa</i> (hairy vetch)	Poland			1	N. Y.
<i>Vicia</i> sp.	Greece	1			Fla.*
<i>Bruchus dentipes</i> Baudi (Bruchidae):					
<i>Vicia faba</i> (broadbean)	Iran, Lebanon	1		1	N. Y., Pa.
<i>Bruchus emarginatus</i> Allard (Bruchidae):					
<i>Pisum sativum</i> (pea)	India			1	D. C.
<i>Bruchus ervi</i> Froel. (Bruchidae):					
<i>Lens culinaris</i> (lentil)	Italy, Lebanon	8		9	N. J., N. Y.

List of pests (insects) collected and reported from July 1, 1947 to June 30, 1948, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Bruchus guttalis</i> Rey (Bruchidae): Vicia sp. (vetch)-----	France, Portugal-----	9			N. Y., Pa.
<i>Bruchus lentis</i> Froel. (Bruchidae): Lens culinaris (lentil)-----	Italy-----	7		10	N. J., N. Y., Ohio.
<i>Bruchus luteicornis</i> Ill. (Bruchidae): Vicia sp. (vetch)-----	France, Italy, Netherlands, service mail.	7		1	D. C., Mass., N. Y., Wash.
<i>Bruchus rufipes</i> Hbst. (Bruchidae): Vicia faba (broadbean)-----	Italy-----	1			N. Y.
Vicia sativa (vetch)-----	do-----	1		1	D. C., Ga.
<i>Bruchus signaticornis</i> Gyll. (Bruchidae): Lens culinaris (lentil)-----	do-----	10		12	N. J., N. Y., Ohio, Pa.
<i>Bruchus tristiculus</i> Fabr. (Bruchidae): Lathyrus odoratus (sweet pea)-----	Portugal-----			2	Mass., N. Y. Pa.
Vicia sativa (vetch)-----	do-----	1			
<i>Bruchus tristis</i> Boh. (Bruchidae): Bean-----	France-----	1			N. Y.
<i>Bruchus ulicis</i> Muls. (Bruchidae): Lens culinaris (lentil)-----	Italy-----			2	N. Y.
<i>Cactobrosis longipennella</i> (Hamps.) (Phycitidae): Cereus sp. (cactus)-----	Mexico-----			1	Tex.
<i>Calligrapha diversa</i> Stal (Chrysomelidae): Laelia majalis (orchid)-----	do-----			2	Tex.
Orchid-----	do-----			1	Tex.
<i>Calligrapha felina</i> Stal (Chrysomelidae): Orchid-----	do-----			1	Tex.
<i>Calligrapha limbaticollis</i> Stal (Chrysomelidae): Orchid-----	do-----			1	Tex.
<i>Calligrapha multipustulata</i> Stal (Chrysomelidae): Musa paradisiaca sapientum (banana)	do-----	1			Calif.*
<i>Calligrapha notatipennis</i> Stal (Chrysomelidae): Orchid-----	do-----			1	Tex.
<i>Callirhytis sonora</i> Weld (Cynipidae): Quercus sp. (oak)-----	do-----	3			Ariz.
<i>Callosa duodecimmaculata</i> Chap. (Chrysomelidae): Aerides quinquevulnera (orchid)	Philippines-----			1	Hawaii.*
<i>Callosobruchus analis</i> (F.) (Bruchidae): Pisum sativum (pea)-----	India-----			1	D. C.
<i>Callosobruchus chinensis</i> (L.) (Bruchidae): Bean-----	Philippines-----	1			Calif.*
Cajanus cajan (pigeonpea)-----	Bahamas, British Guiana, British West Indies, Jamaica, Puerto Rico.	5		1	Fla.,* N. J., N. Y.
<i>Cicer arietinum</i> (chickpea) Grain—mixed-----	India-----		1		N. Y. Mass.
Lathyrus sp.-----	do-----		1		D. C.
<i>Phaseolus aureus</i> (mung bean)-----	China-----	1		1	Mo., N. J.
<i>Phaseolus</i> sp. (bean)-----	India, Italy-----			2	D. C., Mass.
<i>Pisum sativum</i> (pea)-----	India-----			1	D. C.
Vicia sativa (vetch)-----	do-----			1	N. J.
Vigna sp.-----	do-----			2	D. C.
<i>Callosobruchus maculatus</i> (F.) (Bruchidae): Bean-----	British West Indies, Curacao, Cyprus.	2		1	Mich., N. Y.
Cajanus cajan (pigeonpea)-----	Bahamas-----	1			Fla.*
<i>Cicer arietinum</i> (chickpea)-----	Mexico-----	2			Tex.
<i>Hibiscus esculentus</i> (okra)-----	Cyprus-----			1	Mich.
<i>Phaseolus vulgaris</i> (kidney bean)-----	Venezuela-----			1	D. C.
Pinus sp. (pine)-----	Mexico-----	2			Tex.
<i>Pisum sativum</i> (pea)-----	Egypt-----			1	N. Y.
Vigna sinensis (cowpea)-----	Costa Rica-----			3	D. C.
Vigna sp.-----	Jamaica-----			1	N. J.
<i>Callosobruchus phaseoli</i> (Gyll.) (Bruchidae): Bean-----	British West Indies, Jamaica.	1		1	N. J., N. Y.
<i>Camirus conicus</i> (Germ.) (Pentatomidae): Orchid-----	Mexico-----			1	Tex.
<i>Cardioscarta miniaticeps</i> (Fowl.) (Cicadellidae): Coriandrum sativum (coriander)-----	Panama-----	1			N. Y.

List of pests (insects) collected and reported from July 1, 1947 to June 30, 1948, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Carposina sasakii</i> Mats. (Carposinidae):					
<i>Malus sylvestris</i> (apple)	Japan		1		Oreg.
<i>Caryedon fuscus</i> (Goeze) (Bruchidae):					
<i>Cassia sieberiana</i>	Sierra Leone	1			N. Y.
<i>Cassia</i> sp.	Brazil, India	1		1	N. J., Wash.
<i>Tamarindus</i> sp.	France			2	D. C.
<i>Caryoborus serripes</i> (Sturm) (Bruchidae):					
Palm	Brazil	1			Va.
<i>Cassida flaveola</i> Thunb. (Chrysomelidae):					
Soil with assorted plants	England			1	N. Y.
<i>Cassida nebulosa</i> L. (Chrysomelidae):					
Moss and forest litter around rhododendron	Netherlands			1	N. J.
<i>Cassida nobilis</i> L. (Chrysomelidae):					
Moss and forest litter around rhododendron	do			3	N. J.
<i>Cassida vittata</i> Villers (Chrysomelidae):					
<i>Beta vulgaris</i> (beet)	Egypt		1		N. Y.
<i>Caulophilus latinasus</i> Say (Curculionidae):					
Orchid	Mexico			3	Tex.
<i>Persea americana</i> (avocado)	do	2			Tex.
<i>Celerio lineata</i> (F.) (Sphingidae):					
<i>Portulaca oleracea</i> (purslane)	do	3			Tex.
<i>Ceratitis capitata</i> (Wied.) (Tephritidae):					
<i>Capsicum frutescens grossum</i> (sweet bell red pepper)	Hawaii		2		Calif.*
<i>Citrus grandis</i> (pummelo)	do	1			Calif.*
<i>Citrus limon</i> var. <i>ponderosa</i>	Spain	1			N. Y.
<i>Citrus paradisi</i> (grapefruit)	Australia, Brazil, Egypt, Italy		7		Calif.,* La., N. Y., Pa., Va.
<i>Citrus reticulata</i> (tangerine)	Algeria, Italy, Palestine, Portugal, Spain, unknown	14	10		Md., Mass., N. Y.
<i>Citrus sinensis</i> (orange)	Algeria, Argentina, Australia, Brazil, Egypt, Gold Coast, Italy, Palestine, Portugal, Spain, Syria, unknown	19	16		Calif.,* Fla.,* Md., Mass., N. Y., Pa., P. R., Tex., Va.
<i>Cydonia oblonga</i> (quince)	France, Greece, Italy, Spain	5			N. Y.
<i>Diospyros</i> sp. (persimmon)	Italy	3			N. Y.
<i>Eriobotrya japonica</i> (loquat)	Bermuda, Italy	2			Md., N. Y.
<i>Ficus carica</i> (fig)	Azores, Bermuda, Italy, Palestine, Portugal	7			Md., Mass., N. Y.
<i>Malus sylvestris</i> (apple)	Argentina, Italy	7	2		N. Y.
<i>Mangifera indica</i> (mango)	Egypt, Hawaii	2			Calif.,* N. Y.
<i>Opuntia compressa</i> (pricklypear)	Italy	5			N. Y.
<i>Prunus armeniaca</i> (apricot)	Algeria (?)		1		Md.
<i>Prunus domestica</i> (plum)	Portugal		1		Mass.
<i>Prunus persica</i> (peach)	Italy, Morocco, Portugal, Union of South Africa	3	5		Mass., N. Y.
<i>Pyrus communis</i> (pear)	Italy, Spain	3			N. Y.
With provisions containing oranges, apples, and tangerines	Italy	1			N. Y.
<i>Vitis</i> sp. (grape)	Argentina, Portugal, Union of South Africa	38	1		Ill., Mass., La., N. Y.
<i>Ceratitis capitata</i> (Wied.) (?) (Tephritidae):					
<i>Citrus aurantifolia</i> (sweet lime)	Azores	1			Mass.
<i>Citrus reticulata</i> (tangerine)	Azores, Italy, Portugal	1	2		Mass., Va.
<i>Citrus sinensis</i> (orange)	France, India, Italy (?), Spain		4		Mass., N. Y., Pa., Va.
<i>Lycopersicon esculentum</i> (tomato)	Hawaii		1		Wash.
<i>Malus sylvestris</i> (apple)	Unknown	1			N. Y.
<i>Persea americana</i> (avocado)	Australia, Hawaii	1	1		Calif.,* Hawaii.
<i>Prunus domestica</i> (plum)	Portugal		1		Mass.
<i>Pyrus communis</i> (pear)	do		1		Mass.
<i>Vitis</i> sp. (grape)	Argentina, Union of South Africa	18			N. Y.
<i>Ceratitis rosa</i> Karsch (Tephritidae):					
<i>Prunus persica</i> (peach)	Union of South Africa	1			N. Y.
<i>Ceroplastes ceriferus</i> (And.) (Coccidae):					
<i>Camellia</i> sp.	Japan			1	Wash.

List of pests (insects) collected and reported from July 1, 1947 to June 30, 1948,
inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Ceroptastes cirripediformis</i> Comst. (Coccidae):					
Cutting	Panama		1		Fla.*
<i>Iresine</i> sp.	do.		1		Fla.*
<i>Ceroptastes japonicus</i> Green (Coccidae):					
<i>Camellia</i> sp.	China			1	Calif.*
<i>Citrus</i> sp.	Puerto Rico	1			Fla.*
<i>Larix</i> sp.	Japan			1	Wash.
<i>Tamarix</i> sp.	do.			1	Wash.
<i>Ceroptastes rubens</i> Mask. (Coccidae):					
<i>Alyxia olivaeformis</i>	Hawaii	1			Calif.*
<i>Citrus</i> sp.	Japan		1		Wash.
Fern	Hawaii	1			Calif.*
<i>Gardenia</i> (?) sp.	Tahiti			1	Calif.*
<i>Pittosporum</i> sp.	Japan			1	Wash.
<i>Rhododendron</i> sp.	do.			1	Wash.
<i>Ceroptastes rusci</i> (L.) (Coccidae):					
<i>Ficus carica</i> (fig)	Italy, Palestine	1		1	Mass., N. J.
<i>Ceutorhynchus erysimi</i> (F.) (Curculionidae):					
Moss and forest litter around rhododendron	Netherlands			1	N. J.
<i>Ceutorhynchus floralis</i> (Paky.) (Curculionidae):					
Shrub	do.			1	N. J.
<i>Ceutorhynchus quadridens</i> (Panz.) (Curculionidae):					
Soil in bag of beets	England		1		Tex.
<i>Chaetarthria seminulum</i> (Hbst.) (Hydrophilidae):					
<i>Calluna</i> sp.	Netherlands			1	N. J.
<i>Chaetocnema hortensis</i> (Geof.) (Chrysomelidae):					
<i>Rhododendron</i> sp.	England			1	Wash.
<i>Chaetopsis fulvifrons</i> (Macq.) (Otitidae):					
<i>Zea mays</i> (corn)	Mexico	32	1		Ariz., N. Y., Tex.
<i>Chaetoptelius vestitus</i> (Rey) (Scolytidae):					
<i>Nerium</i> sp.	Portugal	1			Va.
<i>Chelymorphism comata</i> Boh. (Chrysomelidae):					
Orchid	Mexico			1	Tex.
<i>Chilo simplex</i> (Btlr.) (Crambidae):					
<i>Oryza sativa</i> (rice)	China, service mail	5			Calif.*, Mo.
<i>Chirothrips manicatus</i> (L.) (Thripidae):					
<i>Gladiolus</i> sp.	France		1		N. Y.
<i>Chlorochroa ligata</i> (Say) (Pentatomidae):					
Daisy	Mexico	1			Tex.
<i>Phaseolus vulgaris</i> var. (string bean)	do.	1			Tex.
<i>Chlorochroa juniperina</i> (L.) (Pentatomidae):					
Moss and forest litter around rhododendron	Netherlands			1	N. J.
<i>Chrysobothris mali</i> Horn (Buprestidae):					
<i>Echeveria</i> sp.	Mexico			1	Calif.
<i>Chrysomphalus albopictus</i> (Ckll.) (Coccidae):					
<i>Cocos nucifera</i> (coconut)	do.	1			Calif.*
<i>Musa paradisiaca sapientum</i> (banana)	do.	1			Calif.*
<i>Persea americana</i> (avocado)	do.	2			Tex.
<i>Chrysomphalus nigropunctatus</i> (Ckll.) (Coccidae):					
Araceae	Guatemala			1	N. J.
<i>Epidendrum</i> sp. (orchid)	Mexico			1	N. J.
<i>Laelia majalis</i> (orchid)	do.			1	Tex.
Orchid	do.			2	Tex.
<i>Chrysomphalus personatus</i> (Comst.) (Coccidae):					
<i>Citrus paradisi</i> (grapefruit)	Brazil		1		Fla.*
<i>Citrus sinensis</i> (orange)	Peru		1		Calif.*
<i>Cocos nucifera</i> (coconut)	British Guiana, Mexico		2	1	Ala., Calif.*
<i>Chrysomphalus scutiformis</i> (Ckll.) (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime)	Mexico	1			Calif.*
<i>Musa paradisiaca sapientum</i> (banana)	Costa Rica	5			Calif.*
<i>Chrysomphalus tenar</i> McKenzie (Coccidae):					
<i>Cattleya gigas</i> (orchid)	Colombia			2	Calif.*
<i>Monstera dubia</i> (shingle plant)	Guatemala			1	Calif.*
<i>Monstera</i> spp.	do.			1	Calif.*
<i>Philodendron</i> sp.	Guatemala, Mexico			4	Calif.*, Tex.
<i>Chrysomphalus umboniferus</i> (Newst.) (Coccidae):					
<i>Epidendrum atropurpureum</i> (orchid)	Venezuela			1	Calif.*
<i>Musa paradisiaca sapientum</i> (banana)	Costa Rica, Panama	4			Calif.*
Orchid	Mexico			1	Tex.

List of pests (insects) collected and reported from July 1, 1947 to June 30, 1948,
inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Cleogonus armatus</i> Champ. (Curculionidae):					
<i>Epidendrum atropurpureum</i> (orchid).....	Canal Zone.....			1	Tex.
Orchid.....	Mexico.....			1	Tex.
<i>Clerada apicornis</i> Sign. (Lygaeidae):					
<i>Cattleya gigas</i> (orchid).....	Colombia.....			1	Tex.
<i>Cligenes delineata</i> (Dist.) (Lygaeidae):					
Orchid.....	Mexico.....			2	Tex.
<i>Coccotrypes dactyliperda</i> (F.) (Scolytidae):					
<i>Phoenix dactylifera</i> (date).....	Iraq.....	1			N. Y.
<i>Phytelephas macrocarpa</i> (ivory palm).....	Costa Rica.....	1			Calif.*
<i>Coccotrypes pygmaeus</i> Eichh. (Scolytidae):					
Palm nut.....	Puerto Rico.....			1	N. J.
<i>Coccus capparidis</i> (Green) (Coccidae):					
<i>Codiaeum</i> sp. (croton).....	Bahamas.....			1	N. J.
<i>Cyrtopedium</i> sp. (orchid).....	India.....			1	N. J.
<i>Coccus pseudohesperidum</i> (Ckll.) (Coccidae):					
<i>Cattleya bicolor</i> (orchid).....	Brazil.....			1	Fla.
<i>Laelia purpurata</i> (orchid).....	do.....			1	N. J.
<i>Ocotea crassifolia</i> (orchid).....	do.....			1	D. C.
<i>Warszewiczella flabelliformis</i> (orchid).....	do.....			1	D. C.
<i>Coccus viridis</i> (Green) (Coccidae):					
<i>Achras zapota</i> (sapodilla).....	Bahamas, Haiti.....	2			Fla.*, N. Y.
<i>Citrus aurantifolia</i> (sour lime).....	Cuba.....	1			Fla.*
<i>Citrus</i> sp.....	Jamaica, Puerto Rico.....	8			Fla.*
<i>Coffea</i> sp. (coffee).....	Cuba, Haiti, Hawaii, Jamaica.....	3	1		Calif.*, Fla.*
<i>Gardenia augusta</i> (gardenia).....	Colombia, Cuba, Jamaica, Puerto Rico, Venezuela.....	18	1		Fla.*, Va.
<i>Gardenia</i> sp.....	Hawaii.....	1			Calif.*
<i>Stenolobium stans</i> (Florida trumpet bush).....	Bahamas.....			1	N. Y.
<i>Coelosternus consputus</i> Boh. (Curculionidae):					
Log.....	Mexico.....	1			Calif.*
<i>Conchaspis angraei</i> Ckll. (Coccidae):					
<i>Cattleya granulosa</i> (orchid).....	Brazil.....			1	Calif.*
<i>Cattleya</i> sp.....	Brazil, Venezuela.....			2	Calif.*, N. J.
<i>Epidendrum</i> sp. (orchid).....	Salvador.....			1	Calif.*
<i>Oncidium</i> sp. (orchid).....	Mexico.....			1	Tex.
Orchid.....	do.....			1	Tex.
<i>Conotrachelus agucatae</i> Barber (Curculionidae):					
<i>Persea americana</i> (avocado).....	do.....	98			Tex.
<i>Conotrachelus integer</i> Csy. (Curculionidae):					
<i>Quercus</i> sp. (oak).....	do.....	1			Tex.
<i>Conotrachelus perseae</i> Barber (Curculionidae):					
<i>Persea americana</i> (avocado).....	do.....	1			Tex.
<i>Conotrachelus seniculus</i> Lec. (Curculionidae):					
<i>Beta vulgaris cicla</i> (chard).....	do.....	2			Ariz.
Herb.....	do.....	1			Tex.
<i>Coptocycla dorsopunctata</i> (Klug) (Chrysomelidae):					
<i>Phaseolus lunatus macrocarpus</i> (lima bean).....	Cuba.....	1			N. Y.
<i>Coptocycla semiatrata</i> Boh. (Chrysomelidae):					
Orchid.....	Mexico.....			1	Tex.
<i>Coptorhynchus iliganus</i> Hllr. (Curculionidae):					
<i>Cannabis sativa</i> (hemp).....	Philippines.....	1			Wash.
<i>Coptotermes formosanus</i> Shiraki (Rhinotermitidae):					
<i>Eleocharis dulcis</i> (water nut).....	China.....	1			Calif.*
<i>Corcya cephalonica</i> (Staint.) (Galleriidae):					
<i>Caladium</i> sp.....	Virgin Islands.....	1			N. Y.
<i>Cicer arietinum</i> (chickpea).....	Mexico, Puerto Rico.....	1	2		N. Y., Tex.
<i>Erythrina</i> sp.....	Salvador.....	1			N. Y.
<i>Gossypium</i> sp. (cottonseed).....	do.....			1	Tex.
<i>Oryza sativa</i> (rice).....	India.....	1			Ala.
<i>Cordylomera spinicornis</i> (F.) (Cerambycidae):					
<i>Khaya senegalensis</i> (?).....	Gold Coast.....	1			N. Y.
<i>Khaya</i> sp.....	Cameroons, Equatorial Gold Coast, French Africa.....	5			N. Y., Va.
<i>Corimelaena minutissima</i> Mall. (Pentatomidae):					
<i>Rorippa nasturtium-aquaticum</i> (watercress).....	Mexico.....	1			Tex.
<i>Cosmopolites sordidus</i> (Germ.) (Curculionidae):					
<i>Musa paradisica sapientum</i> (banana).....	Guatemala.....			1	La.

List of pests (insects) collected and reported from July 1, 1947 to June 30, 1948,
inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Creontiades femoralis</i> Van Duzee (Miridae):					
<i>Beta vulgaris cicla</i> (chard)	Mexico	1			Ariz.
<i>Crophius costatus</i> (Dist.) (Lygaeidae):					
<i>Laelia</i> sp. (orchid)	do			1	Tex.
<i>Crophius scabrosus</i> (Uhler) (Lygaeidae):					
<i>Bromelia</i> sp.	do			1	Calif.*
<i>Epidendrum</i> sp. (orchid)	do			1	Calif.*
<i>Laelia</i> sp. (orchid)	do			1	Tex.
Orchid	do			5	Tex.
<i>Cryphula apicatus</i> (Dist.) (Lygaeidae):					
<i>Cattleya</i> sp. (orchid)	Honduras			1	Fla.
Orchid	Mexico			1	Tex.
<i>Cryptorhynchus mangiferae</i> (F.) (Curculionidae):					
<i>Mangifera indica</i> (mango)	Hawaii, Philippines	14	11		Calif.*, Wash.
<i>Cryptotermes brevis</i> (Walker) (Kalotermitidae):					
Wood	Hawaii	1			Calif.*
<i>Curculio elephas</i> (Gyll.) (Curculionidae):					
<i>Castanea</i> sp. (chestnut)	Italy	4			Ala., Ill.
<i>Curculio q-griseae</i> Chittn. (Curculionidae):					
<i>Quercus</i> sp. (oak)	Mexico	4			Tex.
<i>Cyamobolus palawanicus</i> Heller (Curculionidae):					
<i>Heritiera littoralis</i>	Philippines			1	Oreg.
<i>Cylas formicarius</i> F. (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)	Philippines, Strait Settlements.	1	1		Calif.*
<i>Cylas formicarius</i> subsp. (?) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)	China	1			Calif.*
<i>Cylas formicarius</i> (F.) var. (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)	Cuba, Philippines, Puerto Rico, Siam.	4	1		Ala., Calif.*, Hawaii, N. Y.
<i>Cylas formicarius elegantulus</i> (Summers) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)	Cuba, Mexico, Puerto Rico, Virgin Islands.	30	1		Ala., Fla.*, N. Y., S. C., Tex.
<i>Cylas formicarius</i> probably <i>elegantulus</i> (Summers) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)	Puerto Rico, Virgin Islands.	6			N. Y.
<i>Cylas puncticollis</i> Boh. (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)	Mozambique, Sierra Leone.	1	3		Mass., N. Y., Va.
<i>Cymus melanocephalus</i> Fieber (Lygaeidae):					
Moss and forest litter around rhododendron	Netherlands			1	N. J.
<i>Cyrtocapsus caliginus</i> (Stal) (Miridae):					
<i>Capsicum frutescens</i> (pepper)	Mexico	1			Tex.
<i>Cyrtocapsa tristigma</i> (Boh.) (Chrysomelidae):					
<i>Musa paradisiaca sapientum</i> (banana)	Guatemala	1			Calif.*
<i>Cyrtopeltis varians</i> (Dist.) (Miridae):					
<i>Brassica</i> sp. (mustard)	Mexico	1			Tex.
<i>Lycopersicon esculentum</i> (tomato)	do	1			Calif.
<i>Dacus cucurbitae</i> (Coq.) (Tephritidae):					
<i>Capsicum frutescens grossum</i> (sweet bell pepper).	Hawaii		1		Calif.*
<i>Cucumis sativus</i> (cucumber)	do		5		Calif.*
<i>Cucurbita maxima</i> (squash)	do		2		Calif.*
<i>Lycopersicon esculentum</i> (tomato)	do		3		Calif.*
<i>Phaseolus vulgaris</i> var. (string bean)	do		5		Calif.*, Wash.
<i>Dacus dorsalis</i> Hend. (Tephritidae):					
<i>Carica papaya</i> (papaya)	do		1		Calif.*
<i>Euphoria longan</i> (longan)	do		1		Calif.*
<i>Mangifera indica</i> (mango)	Hawaii, Philippines	5	3		Calif.*, Hawaii
<i>Musa paradisiaca sapientum</i> (banana)	Hawaii	4			Calif.*
<i>Persea americana</i> (avocado)	do	1			Calif.*
<i>Psidium guajava</i> (guava)	do	1	1		Calif.*
<i>Dacus dorsalis</i> Hend. (?) (Tephritidae):					
<i>Cocos nucifera</i> (coconut)	do	1			Calif.*
<i>Mangifera indica</i> (mango)	do	1	1		Calif.*
<i>Musa paradisiaca sapientum</i> (banana)	do		2		Calif.*
<i>Dacus oleae</i> (Gmel.) (Tephritidae):					
<i>Olea europaea</i> (olive)	Azores, Greece, Italy, Portugal.	73			Ill., Mass., N. Y., Pa.

List of pests (insects) collected and reported from July 1, 1947 to June 30, 1948, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Dacus oleae</i> (Gmel.) (?) (Tephritidae):					
<i>Olea europaea</i> (olive)	Italy	2			N. Y.
<i>Dalopius marginatus</i> (L.) (Elateridae):					
Soil packing of rhododendron	England			1	Wash.
<i>Desmothrips australis</i> (Bagn.) (Aeolothripidae):					
<i>Raphanus sativus</i> (radish)	Australia		1		Hawaii.
<i>Diabrotica figurata</i> Jac. (Chrysomelidae):					
Orchid	Mexico			1	Tex.
<i>Dialeurodes chittendeni</i> Laing (Aleyrodidae):					
<i>Rhododendron ponticum</i> (pontic rhododendron).	England			1	N. J.
<i>Rhododendron</i> sp.	England, Netherlands			4	N. J.
<i>Dialeurodes citri</i> (Ashm.) (Aleyrodidae):					
<i>Osmanthus</i> (?) sp.	Formosa			1	Calif.*
<i>Dialeurodes citrifolii</i> (Morg.) (Aleyrodidae):					
<i>Citrus</i> sp.	Puerto Rico	3			Fla.*
<i>Dialeurodes kirkaldyi</i> (Kat.) (Aleyrodidae):					
Plant	Japan (?)			1	Calif.*
<i>Diaphania hyalinata</i> (L.) (Pyraustidae):					
<i>Cucurbita maxima</i> (squash)	Mexico	5			Tex.
<i>Cucurbita pepo</i> (pumpkin)	do	3			Ariz., Tex.
<i>Diaphania nitidalis</i> (Stoll) (Pyraustidae):					
<i>Cucumis sativus</i> (cucumber)	Brazil, Netherlands Guiana, Trinidad.		4		La., Mass., N. Y. Tex.
<i>Cucurbita maxima</i> (squash)	Mexico	23	1		Tex.
<i>Cucurbita pepo</i> (pumpkin)	do	1			Tex.
Basket containing various vegetables	Dutch Guiana		1		Tex.
<i>Diaprepes abbreviatus</i> (L.) (Curculionidae):					
<i>Cajanus cajan</i> (pigeonpea)	Puerto Rico	1			N. Y.
<i>Diatraea crambidoides</i> (Grote) (Crambidae):					
<i>Zea mays</i> (corn)	British Honduras		1		Fla.*
<i>Diatraea saccharalis</i> (F.) (Crambidae):					
<i>Saccharum officinarum</i> (sugarcane)	Haiti, Mexico, Puerto Rico.	2	3		Md., Pa., Tex.
<i>Sorghum vulgare technicum</i> (broomcorn)	Argentina	6			La.
<i>Zea mays</i> (corn)	Puerto Rico	1			Fla.*
<i>Dinoderus brevis</i> (Horn) (Bostrichidae):					
Bamboo	Guam, Philippines	7			Calif.,* Mo.
<i>Dinoderus pilifrons</i> Lesne (Bostrichidae):					
Bamboo	India	1			Tex.
<i>Dioryctria abietella</i> (D. & S.) (Phycitidae):					
<i>Picea</i> sp. (spruce)	Canada			1	Wash.
<i>Diorymerellus laevimargo</i> Champ. (Curculionidae):					
<i>Laelia anceps</i> (orchid)	Mexico			2	Tex.
<i>Laelia superbiens</i>	Guatemala			1	Calif.*
<i>Laelia</i> sp.	Mexico			2	Tex.
<i>Odontoglossum grande</i> (orchid)	Guatemala			1	Tex.
Orchid	Honduras, Mexico			17	Tex.
<i>Disonychia leptolineata tezana</i> Schaef. (Chrysomelidae):					
<i>Chrysanthemum maximum</i> (shasta daisy)	Mexico	1			Tex.
<i>Dryoctenes scrupulosus</i> (Germ.) (Cerambycidae):					
<i>Spondias</i> sp.	Venezuela	1			N. Y.
<i>Dryotribus mimeticus</i> Horn (Curculionidae):					
<i>Morus</i> sp. (mulberry)	Bahamas			1	Tex.
<i>Dysdercus mimulus</i> Hussey (Pyrrhocoridae):					
<i>Citrus aurantifolia</i> (sour lime)	Mexico	1			Tex.
<i>Laelia anceps</i> (orchid)	do			1	Tex.
<i>Lycopersicon esculentum</i> (tomato)	do	3			Tex.
<i>Dysdercus ruficollis</i> (L.) (Pyrrhocoridae):					
Orchid	Brazil			1	Fla.
<i>Dysides obscurus</i> Perty (Bostrichidae):					
<i>Spondias</i> sp.	Venezuela	1			N. Y.
<i>Elaphria chalconia</i> (Hbn.) (Phalaenidae):					
<i>Brassica oleracea capitata</i> (cabbage)	England			1	Tex.
<i>Elasmopalpus lignosellus</i> (Zell.) (Phycitidae):					
<i>Cajanus cajan</i> (pigeonpea)	Puerto Rico	1			Fla.*
<i>Endrosis lactella</i> (Schiff.) (Oecophoridae):					
<i>Iris</i> sp.	Netherlands			1	N. J.
<i>Narcissus</i> sp.	do	1			Va.
<i>Scilla sibirica</i> (Siberian squill)	do			1	Mich.
<i>Tulipa</i> sp. (tulip)	do			1	N. J.

List of pests (insects) collected and reported from July 1, 1947 to June 30, 1948,
inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of intercep- tions in—			Collected in —
		Consump- tion	Noncon- sump- tion	Propaga- tion	
<i>Epicaerus cognatus</i> Sharp (Curculionidae): <i>Solanum tuberosum</i> (potato).....	Mexico.....	2	7		Calif.* La., Tex. D. C.
<i>Solanum</i> sp.....	do.....			2	
<i>Epilachna varinestis</i> Muls. (Coccinellidae): <i>Laelia</i> sp. (orchid).....	do.....			1	Tex.
<i>Epinotia opposita</i> Hein. (Olethreutidae): <i>Phaseolus vulgaris</i> var. (string bean).....	Costa Rica, Mexico.....	15	1		Ariz., Calif.,* Tex.
<i>Ereunetis flavistriata</i> Wlsm. (Tineidae): <i>Ananas comosus</i> (pineapple).....	Hawaii.....		1		Wash.
<i>Ernoporos tiliae</i> (Panz.) (Scolytidae): <i>Tilia</i> sp. (linden) (?).....	France.....	1			N. Y.
<i>Estigmene acrea</i> (Drury) (Arecitidae): <i>Capsicum frutescens</i> (pepper).....	Mexico.....	1			Ariz.
<i>Eucacophagus aurocinctus</i> Champ. (Curculioni- dae): <i>Lycaste</i> sp. (orchid).....	Peru.....			1	Calif.*
<i>Eucalandra setulosa</i> (Gyll.) (Curculionidae): Bamboo.....	Mexico.....	1			Ariz.
<i>Merostachys</i> sp.....	do.....	1			Ariz.
Orchid.....	do.....			1	Tex.
<i>Eucalymnatus tessellatus</i> (Sign.) (Coccidae): <i>Gardenia</i> sp. (?).....	Tahiti.....			1	Calif.*
<i>Euleia heraclei</i> (L.) (Tephritidae): <i>Apium graveolens</i> (celery).....	England, Ireland.....		3		Pa., Tex.
<i>Apium graveolens rapaceum</i> (celeriac).....	Denmark.....		1		N. Y.
<i>Petroselinum crispum</i> (parsley).....	France.....		2		Tex.
<i>Eumysia stigmella</i> (Dyar) (Phycitidae): <i>Echeveria</i> sp.....	Mexico.....			1	Calif.
<i>Eurydema oleraceum</i> (L.) (Pentatomidae): Moss and forest litter around rhododendron.....	Netherlands.....			1	N. J.
<i>Eurytoma crassineura</i> Ashm. (Eurytomidae): <i>Fraxinus</i> sp. (ash).....	England.....	1			Md.
<i>Eurytoma oleae</i> Del Guercio (Eurytomidae): <i>Olea europaea</i> (olive).....	Italy.....	1			N. Y.
<i>Eurytoma orchidearum</i> (Westw.) (Eurytomidae): <i>Cattleya bicolor</i> (orchid).....	Brazil.....			1	Fla.
<i>Cattleya gaskelliana</i>	Venezuela.....			1	N. J.
<i>Cattleya gigas</i>	Colombia.....			3	Fla.
<i>Cattleya harrisioniana</i>	Brazil.....			1	N. J.
<i>Cattleya labiata autumnalis</i>	do.....			1	N. J.
<i>Cattleya mossiae</i>	Venezuela.....			5	Fla., N. J.
<i>Cattleya trianae</i>	Colombia.....			2	Fla.
<i>Cattleya</i> sp.....	Brazil, Colombia, Costa Rica, Venezuela.....			93	Fla., N. J., Tex.
<i>Laelia anceps</i> (orchid).....	Mexico.....			2	Tex.
<i>Laelia purpurata</i>	Brazil.....			1	Fla.
<i>Laelia</i> sp.....	Salvador.....			1	Tex.
Orchid.....	Guatemala, Venezuela.....			2	N. J., Tex.
<i>Euscepes postfasciatus</i> (Fairm.) (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato).....	Brazil, Colombia, Ecuad- ador, Honduras, Puerto Rico, Virgin Islands.....	9	5		Calif.* La., Md., N. Y., S. C.
Vine.....	Japan.....			1	Calif.*
<i>Eutettix tenellus</i> (Bak.) (Cicadellidae): <i>Portulaca oleracea</i> (purslane).....	Mexico.....	1			Tex.
<i>Eutornicus congener</i> (Woll.) (Curculionidae): <i>Cymbidium</i> sp. (orchid).....	India.....			1	Calif.*
<i>Euxesta quaternaria</i> Loew (Otitidae): <i>Vitis</i> sp. (grape).....	Argentina.....	1			N. Y.
<i>Euxesta stigmatias</i> Loew (Otitidae): <i>Zea mays</i> (corn).....	Puerto Rico.....	1			N. Y.
<i>Eeergestis forficatus</i> (L.) (Pyraustidae): <i>Brassica oleracea botrytis</i> (cauliflower).....	England.....		1		Tex.
<i>Brassica oleracea capitata</i> (cabbage).....	Belgium, France, Neth- erlands.....		3		Ala., N. Y., Tex.
<i>Eeergestis rimosalis</i> (Guen.) (Pyraustidae): <i>Brassica</i> sp. (mustard).....	Mexico.....	1			Tex.
<i>Raphanus sativus</i> (radish).....	do.....	1			Tex.
<i>Rorippa nasturtium-aquaticum</i> (watercress).....	do.....	2			Tex.

*List of pests (insects) collected and reported from July 1, 1947 to June 30, 1948,
inclusive—Continued*

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Erosoma lusitanica</i> (L.) (Chrysomelidae): <i>Muscari comosum</i> (cipollino)	Morocco	2			N. Y.
<i>Erptochiumera albomaculata</i> (Dist.) (Lygaeidae): <i>Capiscum frutescens</i> (pepper)	Mexico	1			Tex.
<i>Laelia</i> sp. (orchid)	do			1	Tex.
<i>Lycopersicon esculentum</i> (tomato)	do	1			Tex.
Orchid	Guatemala, Mexico			6	Tex.
<i>Erptochiumera oblonga</i> (Stal) (Lygaeidae): <i>Chrysanthemum</i> sp	Mexico	1			Tex.
<i>Erptochiumera tumens</i> (Stal) (Lygaeidae): Orchid	do			1	Tex.
<i>Faustinus rhombifer</i> (Champ.) (Curculionidae): Orchid	do			1	Tex.
<i>Ferrisiana virgata</i> (Ckll.) (Coccidae): <i>Dendrobium heterocarpum</i> (orchid)	Philippines			1	Calif.*
<i>Echinocereus grandis</i> (cactus)	Mexico			1	Calif.*
<i>Euphorbia</i> spp.	Guam			1	Calif.*
<i>Gardenia augusta</i> (gardenia)	Venezuela	1			Fla.*
<i>Helichrysium bracteatum</i> (straw flower)	Guam	1			Calif.*
<i>Hibiscus esculentus</i> (okra)	Cuba		1		Fla.*
<i>Hibiscus</i> spp.	Guam			1	Calif.*
<i>Lilium</i> spp.	do			1	Calif.*
<i>Mammillaria albicans</i> (cactus)	Mexico			1	Calif.*
<i>Miltonia</i> sp. (orchid)	Colombia			1	Calif.*
<i>Musa paradisiaca sapientum</i> (banana)	Costa Rica, Mexico	5			Calif.*
<i>Oncidium ornithopodium</i> (orchid)	Mexico			1	Calif.*
<i>Pinus</i> sp. (pine)	Japan			1	Wash.
Plant—unidentified	Guam, Marianas	1		1	Calif.*
<i>Trichogottis brachiata</i> (orchid)	Philippines			1	Hawaii.*
<i>Vanda tuzonica</i> (orchid)	do			1	Hawaii.*
<i>Forficula auricularia</i> L. (Forficulidae): <i>Dianthus</i> sp. (carnation)	Ireland			1	Ill.
<i>Epidendrum atropurpureum</i> (orchid)	Venezuela			1	Calif.*
<i>Hyacinthus</i> sp. (hyacinth)	Netherlands			1	Ill.
<i>Punica granatum</i> (pomegranate)	Italy	1			Ill.
Sawdust packing for dahlias	Germany			1	Wash.
<i>Frankliniella insularis</i> (Frankl.) (Thripidae): <i>Antirrhinum majus</i> (snapdragon)	Jamaica		1		Fla.*
<i>Pisum sativum</i> (pea)	Mexico	1			Tex.
<i>Rosa</i> sp. (rose)	Dominican Republic	1			P. R.
<i>Frankliniella moultoni</i> Hood (Thripidae): <i>Rosa</i> sp. (rose)	Colombia	1			Fla.*
<i>Frankliniella vespiformis</i> (Crawf.) (Franklini- thripidae): <i>Chrysanthemum</i> sp	Mexico	1			Ariz.
<i>Fulvius anthocorides</i> Stal (Miridae): Orchid	do			1	Tex.
<i>Fulvius brevicornis</i> Reuter (Miridae): Log	French West Africa	2			Va.
<i>Fulvius ozycaenoides</i> Reuter (Miridae): <i>Khaya</i> sp	French Equatorial Af- rica	1			N. Y.
<i>Fundella pellucens</i> Zell. (Phycitidae): <i>Cajanus cajan</i> (pigeon pea)	Puerto Rico	1			N. Y.
<i>Phaseolus vulgaris</i> var. (string bean)	do	2			N. Y.
<i>Furcaspis bififormis</i> (Ckll.) (Coccidae): <i>Brassavola nodosa</i> (orchid)	Canal Zone			1	N. J.
<i>Brassavola</i> sp	Canal Zone, Colombia			2	N. J.
<i>Cattleya chocoensis</i> (orchid)	Costa Rica			1	Tex.
<i>Cattleya gigas</i>	Canal Zone, Colombia, Guatemala			3	Calif.,* N. J., Tex.
<i>Cattleya intermedia</i>	Brazil			1	D. C.
<i>Cattleya trianae</i>	Colombia, Costa Rica			3	Calif.*
<i>Cattleya</i> sp	Brazil, Colombia, Gua- temala, Mexico, Trin- idad, Venezuela			22	Calif.,* Fla., N. J., Tex.
<i>Cymbidium</i> sp. (orchid)	Colombia			1	N. J.
<i>Epidendrum atropurpureum</i> (orchid)	Canal Zone, Venezuela			11	Calif.,* N. J., Tex.
<i>Oncidium confusum</i> (orchid)	Canal Zone			3	N. J., Tex.
<i>Oncidium stipitatum</i> (orchid)	do			1	Tex.
<i>Oncidium</i> sp	do			3	Fla., Tex.

List of pests (insects) collected and reported from July 1, 1947 to June 30, 1948, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Furcaspis biformis</i> (Okl.) (Coccidae):—Con. Orchid	Brazil, Canal Zone, Colombia, Trinidad.			4	D. C., N. J., P. R., Tex.
<i>Phalaenopsis</i> sp. (orchid)	Trinidad			1	Calif.*
<i>Philodendron</i> spp.	Guatemala			1	Calif.*
<i>Rodriguezia secunda</i> (orchid)	Canal Zone			1	Tex.
<i>Schomburgkia crispa</i> (orchid)	Costa Rica			1	Calif.*
<i>Schomburgkia undulata</i>	Canal Zone			1	Calif.*
<i>Schomburgkia</i> sp.	Venezuela			1	N. J.
<i>Vanda batemani</i> (orchid)	Philippines			1	Hawaii.*
<i>Furcaspis oceanicus</i> Ldgr. (Coccidae):					
<i>Cocos nucifera</i> (coconut)	South Pacific	1			Hawaii.
<i>Galgupha quadrisignata</i> (Stal) (Pentatomidae):					
Orchid	Mexico			1	Tex.
<i>Galgupha punctifer</i> McA. & Mall. (Pentatomidae):					
Orchid	Canal Zone, Mexico			4	Tex., Wash.
<i>Galgupha texana</i> McA. & Mall. (Pentatomidae):					
Orchid	Mexico			1	Tex.
<i>Geocoris flavilineus</i> Stal (Lygaeidae):					
<i>Chrysanthemum</i> sp.	do	1			Tex.
<i>Gerstaeckeria bifasciata</i> (Gerst.) (Curculionidae):					
<i>Coryphantha erecta centrispina</i> (cactus)	do			1	Tex.
<i>Gerstaeckeria mutilaria</i> (Gerst.) (Curculionidae):					
<i>Mammillaria</i> sp. (cactus)	do			1	Tex.
<i>Gnorioschema gudmannella</i> (Wlsm.) (Gelechiidae):					
<i>Capsicum frutescens</i> (pepper)	do	13			Ariz.
<i>Gnorioschema lavernella</i> (Chamb.) (Gelechiidae):					
<i>Physalis</i> sp. (husk tomato)	do	4			Tex.
<i>Gnorioschema plaesiosema</i> (Turner) (Gelechiidae):					
<i>Solanum tuberosum</i> (potato)	Peru		2		Tex.
<i>Gracilaria azalea</i> Brants (Gracilariidae):					
<i>Rhododendron indicum</i>	Belgium			1	N. J.
<i>Rhododendron obtusum kaempferi</i>	Netherlands			1	N. J.
<i>Rhododendron</i> sp.	do			7	N. J., Wash.
<i>Grapholita molesta</i> (Busck) (Olethreutidae):					
<i>Malus sylvestris</i> (apple)	Japan		1		Oreg.
<i>Prunus armeniaca</i> (apricot)	Italy	1			N. Y.
<i>Prunus persica</i> (peach)	Unknown	1			Mich.
<i>Grapholita packardii</i> Zell. (Olethreutidae):					
<i>Crataegus</i> sp. (red haw)	Mexico	1			Tex.
<i>Gymnaetron beccabungae nigrum</i> Walt. (Curculionidae):					
<i>Crataegus</i> sp.	Germany			1	N. J.
<i>Halimococcus borassi</i> Green (Coccidae):					
<i>Borassus flabellifer</i> (palmyra palm)	India	1			Calif.*
<i>Haplothrips cotti</i> (Vuillet) (Phlaeothripidae):					
<i>Dianthus</i> sp. (carnation)	England, Portugal		1	1	Mass., N. J.
<i>Haplothrips gowdeyi</i> (Frankl.) (Phlaeothripidae):					
<i>Canavalia</i> sp.	Hawaii	4			Calif.*
<i>Genista</i> sp.	Barbados	1			Mass.
<i>Rosa</i> sp. (rose)	Mexico	1			Tex.
<i>Heliodines bella</i> (Chamb.) (Heliodinidae):					
<i>Portulaca oleracea</i> (purslane)	do	29			Ariz., Tex.
<i>Rorippa nasturtium-aquaticum</i> (watercress)	do	1			Tex.
<i>Hellula phidilealis</i> (Wlk.) (Pyraustidae):					
<i>Brassica rapa</i> (turnip)	Cuba		2		Tex.
<i>Heraeus cincticornis</i> Stal (Lygaeidae):					
<i>Cattleya</i> sp. (orchid)	Venezuela			1	N. J.
<i>Heraeus guttatus</i> (Dallas) (Lygaeidae):					
<i>Laelia</i> sp. (orchid)	Mexico			1	Tex.
<i>Heterobostrychus aequalis</i> (Waterh.) (Bostrichidae):					
Wood	India	1			N. Y.
<i>Hofmannophila pseudospretella</i> (Staint.) (Oecophoridae):					
<i>Achimenes</i> sp.	Belgium			1	N. J.
<i>Lavandula</i> sp.	England	1			Wash.
<i>Sorghum vulgare technicum</i> (broomcorn)	Italy	1			N. Y.
Straw packing	Netherlands	1			Mass.
<i>Ulex</i> sp.	North Ireland	1			Pa.

*List of pests (insects) collected and reported from July 1, 1947 to June 30, 1948,
inclusive—Continued*

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Hylurgops palliatus</i> (Gyll.) (Scolytidae):					
<i>Picea</i> sp. (spruce).....	Germany, Sweden.....	3			N. Y.
<i>Pinus</i> sp. (pine).....	Sweden.....	1			N. Y.
<i>Hypera nigrirostris</i> (F.) (Curculionidae):					
Moss and forest litter around rhododendron.....	Netherlands.....			1	N. J.
<i>Hypera pedestris</i> (Payk.) (Curculionidae):					
<i>Crataegus</i> sp.....	Germany.....			1	N. J.
<i>Hypera postica</i> (Gyll.) (Curculionidae):					
Soil around shamrocks.....	Ireland.....	1			N. Y.
<i>Hypera rumicis</i> (L.) (Curculionidae):					
<i>Crataegus</i> sp.....	Germany.....			1	N. J.
<i>Hyphantria cunea</i> (Drury) (Arecitidae):					
<i>Raphanus sativus</i> (radish).....	Mexico.....	1			Tex.
<i>Icerya zeteki</i> Morr. (Coccidae):					
Palm.....	Salvador.....			1	Tex.
<i>Ips typographus</i> (L.) (Scolytidae):					
<i>Picea</i> sp. (spruce).....	Sweden.....	1			N. Y.
<i>Pinus</i> sp. (pine).....	Germany.....	1			N. Y.
<i>Iridomyrmex humilis</i> Mayr. (Formicidae):					
<i>Chrysanthemum</i> sp.....	Portugal.....	1			Mass.
Orchid.....	Honduras.....			2	La.
<i>Prunus domestica</i> (plum).....	Portugal.....		1		Mass.
Soil around bulbs and plants.....	Azores.....			1	N. Y.
<i>Japetus sphaeroides</i> Dist. (Pyrrhocoridae):					
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1			Tex.
<i>Kaloterms marginipennis</i> (Latr.) (Kalotermitidae):					
In suitcase.....	Guatemala.....	1			Calif.*
<i>Lampides boeticus</i> (L.) (Lycaenidae):					
<i>Canavalia</i> sp.....	Hawaii.....	3			Calif.*
<i>Laspeyresia splendana</i> (Hbn.) (Olethreutidae):					
<i>Castanea sativa</i> (chestnut).....	Belgium, England, France, Italy, Portugal.....	17	2		Ala., D. C., Ill., Mass., Minn., N. Y., Ohio, Pa., Wash.
<i>Quercus</i> sp. (oak).....	Turkey.....	1			Pa.
<i>Lecanodiaspis dendrobii</i> Dougl. (Coccidae):					
<i>Cattleya</i> sp. (orchid).....	British Honduras.....			1	Tex.
<i>Lecanium coryli</i> (L.) (Coccidae):					
<i>Malus sylvestris</i> (apple).....	Netherlands.....			1	D. C.
<i>Lema bilineata</i> Germ. (Chrysomelidae):					
<i>Vitis</i> sp. (grape).....	Union of South Africa.....	1			N. Y.
<i>Lema cyanella</i> (L.) (Chrysomelidae):					
<i>Crataegus</i> sp.....	Germany.....			1	N. J.
<i>Lema melanopa</i> (L.) (Chrysomelidae):					
<i>Crataegus</i> sp.....	do.....			1	N. J.
<i>Leperisinus frazzini</i> (Panz.) (Scolytidae):					
<i>Fraxinus</i> sp. (ash).....	England.....	6			N. Y.
<i>Lepidosaphes carinata</i> Ckll. (Coccidae):					
<i>Philodendron</i> sp.....	Mexico.....			1	Calif.*
<i>Lepidosaphes conchiformis</i> (Gmel.) (Coccidae):					
<i>Pyrus communis</i> (pear).....	Japan.....	1			Wash.
<i>Lepidosaphes espinosai</i> Porter (Coccidae):					
Forest litter.....	Peru.....	1			Wash.
<i>Lepidosaphes ficus</i> (Sign.) (Coccidae):					
<i>Ficus carica</i> (fig).....	Italy, Palestine.....			5	N. J., N. Y.
<i>Lepidosaphes latero-chitinsa</i> Green (Coccidae):					
<i>Rhynchosytis retusa</i> (orchid).....	India.....			2	N. J.
<i>Lepidosaphes pallida</i> (Green) (Coccidae):					
<i>Juniperus</i> sp. (juniper).....	Japan.....			5	Wash.
<i>Lepidosaphes philococcus</i> (Ckll.) (Coccidae):					
Cactus.....	Mexico.....			1	Tex.
<i>Lepidosaphes tokionis</i> (Kuw.) (Coccidae):					
<i>Codiaeum variegatum</i> (croton).....	Hawaii.....			3	Calif.*
<i>Codiaeum</i> sp.....	Bahamas.....			1	N. J.
<i>Lepidosaphes tuberculata</i> Malen. (Coccidae):					
<i>Cymbidium tracyanum</i> (orchid).....	India.....			1	Calif.*
<i>Cymbidium lowianum</i>	do.....			1	N. J.
<i>Cymbidium</i> sp.....	Australia, Belgium, England, India, Japan, Netherlands.....			29	Calif.*, Ha- waii, N. J., Wash.
<i>Schomburgkia</i> sp. (orchid).....	Australia.....			1	Calif.*

List of pests (insects) collected and reported from July 1, 1947 to June 30, 1948,
inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Lepidosaphes uniloba</i> (Kuw.) (Coccidae):					
<i>Alyria olivaeformis</i> (male alyxia)	Hawaii	1			Calif.*
<i>Leptoglossus chilensis</i> Spinola (Coreidae):					
<i>Vitis</i> sp. (grape)	Chile	4			N. Y.
<i>Leptostylus incrassatus</i> (Klug) (Cerambycidae):					
<i>Morus</i> sp. (mulberry)	Bahamas			1	Tex.
<i>Lethaeus aeruginosus</i> (Dist.) (Lygaeidae):					
<i>Cymbidium</i> sp. (orchid)	India			1	Calif.*
<i>Leucaspis cockerelli</i> (de Charmoy) (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime)	Costa Rica, Hawaii, Salvador.	1	3		Calif.*
<i>Citrus grandis</i> (pummelo)	Hawaii	1			Calif.*
<i>Citrus limon</i> (lemon)	Philippines		1		Calif.*
<i>Citrus paradisi</i> (grapefruit)	Cuba, Jamaica, Panama	1	3		Calif.*, Fla.*
<i>Citrus sinensis</i> (orange)	Panama		2		Calif.*
Palm	Salvador			1	Tex.
<i>Ligyrocoris abdominalis</i> (G.-M.) (Lygaeidae):					
<i>Capsicum frutescens</i> (pepper)	Mexico	1			Tex.
<i>Laelia anceps</i> (orchid)	do.			1	Tex.
<i>Laelia majalis</i>	do.			1	Tex.
<i>Lycopersicon esculentum</i> (tomato)	do.	1			Tex.
Orchid	do.			2	Tex.
<i>Ligyrocoris aurivilliana</i> (Dist.) (Lygaeidae):					
<i>Chrysanthemum</i> sp.	do.	3			Ariz., Tex.
<i>Lycopersicon esculentum</i> (tomato)	do.	1			Tex.
<i>Ligyrocoris litigious</i> (Stal) (Lygaeidae):					
Orchid	do.			1	Tex.
<i>Ligyrocoris nitidicollis</i> (Stal) (Lygaeidae):					
<i>Capsicum frutescens</i> (pepper)	do.	1			Tex.
<i>Lineodes integra</i> (Zell.) (Pyraustidae):					
<i>Lycopersicon esculentum</i> (tomato)	do.	2			Ariz., Tex.
<i>Liothrips vaneckei</i> Pr. (Phlaeothripidae):					
<i>Lilium auratum platyphyllum</i> (broadleaf goldband lily)	Japan	1			Calif.*
<i>Lilium candidum</i> (Madonna lily)	France			2	N. Y.
<i>Lilium</i> sp.	Japan			2	Calif.*, Wash.
<i>Liriomyza pusilla</i> (Meig.) (Agoomyzidae):					
<i>Capsicum frutescens</i> (pepper)	Mexico	1			Ariz.
<i>Euphorbia</i> sp.	Canada			1	N. Y.
<i>Lirius mucronatus</i> Oliv. (Cureulionidae):					
<i>Apium graveolens</i> (celery)	Portugal		1		Pa.
<i>Longiarus melanocephalus</i> (Deg.) (Chrysomelidae):					
Moss and forest litter around rhododendron	Netherlands			1	N. J.
<i>Lophocateres pusillus</i> (Klug) (Ostomidae):					
<i>Zea mays</i> (corn)	Venezuela	1			Mass.
<i>Loxostege similalis</i> (Guen.) (Pyraustidae):					
<i>Brassica rapa</i> (turnip)	Mexico	1			Tex.
<i>Brassica</i> sp. (mustard)	do.	1			Tex.
<i>Portulaca oleracea</i> (purslane)	do.	1			Tex.
<i>Lyctus caribeanus</i> Lesne (Lyctidae):					
<i>Ananas comosus</i> (pineapple)	do.	1			Tex.
<i>Lygaeus circumplacatus</i> Dist. (Lygaeidae):					
Orchid	do.			3	Tex.
<i>Lygaeus guatemalanus</i> Dist. (Lygaeidae):					
<i>Cattleya</i> sp. (orchid)	Venezuela			1	N. J.
<i>Lygaeus pusio</i> (Stal) (Lygaeidae):					
Orchid	Mexico			1	Tex.
<i>Lygaeus vittiscutis</i> Stal (Lygaeidae):					
<i>Cattleya</i> sp. (orchid)	Guatemala			1	Tex.
Orchid	Mexico			5	Tex.
<i>Lygus elisus</i> Van D. (Miridae):					
<i>Brassica rapa</i> (turnip)	do.	1			Tex.
<i>Musa paradisiaca sapientum</i> (banana)	do.	1			Calif.*
<i>Lygus oblineatus</i> (Say) (Miridae):					
<i>Chrysanthemum</i> sp.	do.	1			Ariz.
<i>Limonium</i> sp. (?)	Bermuda	1			N. Y.
<i>Macrocephalus notatus</i> Westwood (Phymatidae):					
Orchid	Mexico			1	Tex.
<i>Macrocephalus stali</i> Handl. (Phymatidae):					
Orchid	do.			3	Tex.
<i>Macropygium reticulare</i> F. (Pentatomidae):					
Orchid	do.			2	Tex.

List of pests (insects) collected and reported from July 1, 1947 to June 30, 1948, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Maruca testulalis</i> (Geyer) (Pyraustidae):					
<i>Cajanus cajan</i> (pigeonpea)	Puerto Rico	1			Fla.*
<i>Canavalia</i> sp.	Hawaii	5			Calif.*
<i>Phaseolus vulgaris</i> var. (string bean)	Brazil, Hawaii, New Zealand, Panama, Puerto Rico.	2	7		Calif.*, Fla.*, Hawaii, La., Pa., Tex.
<i>Mecinus pyrastrer</i> (Hbst.) (Curculionidae):					
<i>Beta vulgaris</i> (beet)	Italy		1		Md.
<i>Mecolaemus carvalhoi</i> (Costa Lima) (Miridae):					
<i>Cattleya gaskelliana</i> (orchid)	Venezuela			1	N. J.
<i>Cattleya</i> sp.	do			5	N. J.
Orchid	Brazil, Venezuela			3	N. J.
<i>Mecomtopus jansonii</i> Bates (Cerambycidae):					
<i>Musa paradisiaca sapientum</i> (banana)	Costa Rica	1			Calif.*
<i>Megacerus contaminatus</i> (Sharp) (Bruchidae):					
<i>Ipomoea</i> sp.	Mexico			1	D. C.
<i>Meristata dohrni</i> (Baly) (Chrysomelidae):					
<i>Vanda</i> sp. (orchid)	India			1	Wash.
<i>Meristata trifasciata</i> (Hope) (Chrysomelidae):					
<i>Vanda</i> sp. (orchid)	do			1	Wash.
<i>Merobruchus flexicaulis</i> (Schaef.) (Bruchidae):					
<i>Pithecollobium flexicaule</i> (ebony)	Mexico	1			Tex.
<i>Merobruchus julianus</i> (Horn) (Bruchidae):					
Seed pod	do			1	Tex.
<i>Metamastus sericeus</i> (Oliv.) (Curculionidae):					
<i>Musa paradisiaca sapientum</i> (banana)	Canal Zone, Costa Rica, Honduras, Nicaragua.	23			Calif.*, La., S. C.
<i>Metamastus sericeus</i> (Oliv.) var. (Curculionidae):					
<i>Musa paradisiaca sapientum</i> (banana)	Ecuador, Honduras	3			La., Md., S. C.
<i>Metamastus sericeus carbonarius</i> Chev. (Curculionidae):					
<i>Ananas comosus</i> (pineapple)	Mexico	1			Tex.
Orchid	do			1	Tex.
<i>Metronia tuberculata</i> (F.) (Chrysomelidae):					
<i>Musa paradisiaca sapientum</i> (banana)	Guatemala	1			Calif.*
<i>Micrapate brasiliensis</i> (Lesne) (Bostrichidae):					
Wood	Brazil	1			N. Y.
<i>Micrapate labialis</i> Lesne (Bostrichidae):					
<i>Sambucus</i> sp.	Mexico	1			N. Y.
<i>Microtheca ochroloma</i> Stal (Chrysomelidae):					
<i>Cattleya labiata</i> (orchid)	Brazil			1	Tex.
<i>Mimorista flavidissimalis</i> (Grt.) (Pyraustidae):					
Cactus	Mexico	1			Tex.
<i>Mimosestes dominicana</i> (Jek.) (Bruchidae):					
<i>Caesalpinia coriaria</i> (divi-divi)	Dominican Republic, Honduras, Mexico.	3			N. Y., Tex.
<i>Mimosestes sallaei</i> (Sharp) (Bruchidae):					
<i>Acacia farnesiana</i> (huisache)	Mexico	1			Tex.
<i>Molorchus minor</i> (L.) (Cerambycidae):					
<i>Pinus</i> sp. (pine)	Hungary	1			N. Y.
<i>Monilema ebenus</i> Fisher var. (Cerambycidae):					
Cactus	Mexico			1	Tex.
<i>Monomorium destructor</i> (Jerd.) (Formicidae):					
<i>Cattleya</i> sp. (orchid)	Jamaica			1	Fla.
<i>Moodna bisinuella</i> Hamp. (Phycitidae):					
<i>Zea mays</i> (corn)	Mexico	14			Tex.
<i>Morganella longispina</i> (Morg.) (Coccidae):					
<i>Citrus grandis</i> (pummelo)	Philippines, Tahiti		2		Calif.*
<i>Nerium oleander</i> (oleander)	Bahamas	1			Fla.*
<i>Mormidea v-luteum</i> (Licht) (Pentatomidae):					
<i>Cattleya warneri</i> (orchid)	Brazil			1	Calif.*
Orchid	do			1	Fla.
<i>Myelois ceratoniae</i> Zell. (Phycitidae):					
<i>Malus sylvestris</i> (apple)	Italy	1			N. Y.
<i>Punica granatum</i> (pomegranate)	do	1			N. Y.
<i>Tamarindus indica</i> (tamarind)	Montserrat, Puerto Rico	2			N. Y.
<i>Myodocha longicollis</i> Stal (Lygaeidae):					
Orchid	Mexico			1	Tex.
<i>Nabis alternatus</i> Parsh. (Nabidae):					
<i>Brassica</i> sp. (mustard)	do	1			Tex.
<i>Napomyza lateralis</i> (Fall.) (Agromyzidae):					
<i>Cichorium endivia</i> (endive)	Belgium	1			N. Y.

List of pests (insects) collected and reported from July 1, 1947 to June 30, 1948,
inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Nasutitermes corniger</i> (Motsch.) (Termitidae):					
<i>Dalbergia</i> sp. (rosewood)	Brazil	1			N. Y.
<i>Musa paradisiaca sapientum</i> (banana)	Costa Rica, Guatemala	2			Calif.* , Md.
Orchid	Honduras			1	Tex.
<i>Nemopogon granella</i> (L.) (Tineidae):					
<i>Anemone</i> sp.	Netherlands	1		1	Minn., N. Y.
<i>Glaudiolus</i> sp.	do	1			Pa.
<i>Tulipa</i> sp. (tulip)	do			1	Tex.
<i>Neocattarus vegetus</i> Dist. (Lygaeidae):					
Orchid	Mexico			1	Tex.
<i>Neoleucinodes elegantalis</i> (Guen.) (Pyraustidae):					
<i>Lycopersicon esculentum</i> (tomato)	do	80			Tex.
<i>Nysius basalis</i> Dallas (Lygaeidae):					
Orchid	do			1	Tex.
<i>Nysius calliger</i> Stal (Lygaeidae):					
Cactus	do			1	Tex.
<i>Nysius dallasi</i> White (Lygaeidae):					
Airplane	Philippines		1		Hawaii.
<i>Nysius minutus</i> Uhler (Lygaeidae):					
Airplane	Mexico		1		Tex.
<i>Brassica oleracea capitata</i> (cabbage)	do	2			Ariz.
<i>Brassica rapa</i> (turnip)	do	7			Tex.
<i>Brassica</i> sp. (mustard)	do	16			Ariz., Tex.
<i>Lathyrus odoratus</i> (sweet pea)	do	1			Tex.
<i>Physalis</i> sp. (husk tomato)	do	1			Tex.
<i>Portulaca oleracea</i> (purslane)	do	2			Tex.
<i>Raphanus sativus</i> (radish)	do	6			Tex.
<i>Spinacia oleracea</i> (spinach)	do	2			Ariz.
<i>Nysius raphanus</i> Howard (Lygaeidae):					
<i>Brassica oleracea botrytis</i> (cauliflower)	do	1			Tex.
<i>Brassica rapa</i> (turnip)	do	6			Tex.
<i>Brassica</i> sp. (mustard)	do	17			Tex.
<i>Chrysanthemum</i> sp.	do	3			Ariz., Tex.
<i>Persea americana</i> (avocado)	do	1			Tex.
<i>Raphanus sativus</i> (radish)	do	6			Tex.
<i>Nysius simulans</i> Stal (Lygaeidae):					
<i>Brassica oleracea capitata</i> (cabbage)	Argentina		1		Tex.
<i>Ogdoecosta biannularis</i> (Boh.) (Chrysomelidae):					
Cactus	Mexico			1	Tex.
Orchid	do			1	Tex.
<i>Ogdoecosta juvenca</i> (Boh.) (Chrysomelidae):					
Orchid	do			2	Tex.
<i>Olibrus submaculatus</i> Sharp (Phalaecidae):					
<i>Ananas comosus</i> (pineapple)	do	2			Tex.
<i>Oosternum costatum</i> Sharp (Hydrophilidae):					
<i>Morus</i> sp. (mulberry)	Bahamas			1	Tex.
Orchid	Mexico			1	Tex.
<i>Orycaenus bicolor</i> Fieber (Lygaeidae):					
Orchid	Australia	1			Hawaii.
<i>Ozophora consanguineus</i> (Dist.) (Lygaeidae):					
<i>Laelia anceps</i> (orchid)	Mexico			2	Tex.
Orchid	do			2	Tex.
<i>Pachycoris torridus</i> (Scop.) (Pentatomidae):					
Orchid	do			1	Tex.
<i>Palaeopus costicollis</i> Marsh. (Curculionidae):					
<i>Dioscorea</i> sp. (yam)	Jamaica	1			N. Y.
<i>Pantomorus godmani</i> (Crotch) (Curculionidae):					
<i>Lathyrus odoratus</i> (sweet pea)	Portugal			1	Mass.
<i>Laurus nobilis</i> (Grecian laurel)	Unknown	1			Mass.
Soil around roots of honeysuckle plant	Azores			1	Mass.
<i>Paraleyrodes naramjæ</i> Dozier (Aleyrodidae):					
<i>Citrus</i> sp.	Puerto Rico	1			Fla.*
<i>Paraleyrodes singularis</i> Bondar (?) (Aleyrodidae):					
<i>Citrus sinensis</i> (orange)	Mexico	2			Tex.
<i>Parlatoria camelliae</i> Comst. (Coccidae):					
<i>Camellia</i> sp.	China, Japan, Switzerland.	1		3	Calif.* , N. J., N. Y., Wash.
<i>Parlatoria cinerea</i> Hadden (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime)	Guatemala (?), Mexico		7		Calif.*
<i>Citrus grandis</i> (pummelo)	Tahiti.				Calif.*
<i>Citrus paradisi</i> (grapefruit)	Argentina, Brazil, France.		4		Calif.* , Fla.*

List of pests (insects) collected and reported from July 1, 1947 to June 30, 1948,
inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Parlatoria cinerea</i> Hadden (Coccidae)—Con. <i>Citrus sinensis</i> (orange)	Argentina, Brazil, Guatemala, Jamaica.		13		Calif.*
<i>Parlatoria citri</i> McKenzie (Coccidae): <i>Citrus grandis</i> (pummelo)	Philippines		1		Calif.*
<i>Parlatoria crotonis</i> Dougl. (Coccidae): <i>Codiaeum</i> sp. (croton)	Soldier's mail			1	N. J.
<i>Parlatoria oleae</i> (Colvee) (Coccidae): <i>Malus sylvestris</i> (apple)	Italy, Lebanon	3			N. Y.
<i>Prunus domestica</i> (plum)	Argentina, Portugal, Turkey.	4	2		N. Y., Mass., N. Y.
<i>Prunus persica</i> (peach)	Argentina	1			N. Y.
<i>Pyrus communis</i> (pear)	do	1			N. Y.
<i>Sorbus domestica</i> (service tree)	Italy	1			N. Y.
<i>Vitis</i> sp. (grape)	do	1		1	N. J.
<i>Parlatoria pseudaspidotus</i> Ldgr. (Coccidae): Orchid	Canal Zone			1	P. R.
<i>Vanda joaquimiae</i> (orchid)	Canal Zone, Philippines			4	Calif.,* Hawaii,* N. J.
<i>Vanda teres</i>	do			4	Calif.,* Tex.
<i>Vanda</i> sp.	Canal Zone			1	Tex.
<i>Parlatoria theae</i> Ckll. (Coccidae): <i>Acer</i> sp. (maple)	Japan			6	Calif.,* Wash.
<i>Prunus</i> sp.	do			2	Calif.,* Wash.
<i>Parlatoria zizyphus</i> (Lucas) (Coccidae): <i>Citrus aurantifolia</i> (sour lime)	Puerto Rico (?)	1			Fla.*
<i>Citrus grandis</i> (pummelo)	China, Malay States, Philippines, Siam.	2	2		Calif.,* Hawaii.
<i>Citrus paradisi</i> (grapefruit)	Thailand	1			N. Y.
<i>Citrus reticulata</i> (tangerine)	China, Philippines		2		Calif.*
<i>Citrus sinensis</i> (orange)	China	1			Minn.
<i>Parozyna sororcula</i> (Wied.) (Tephritidae): Airplane	Mexico (?)			1	Tex.
<i>Pealius hibisci</i> (Kot.) (Aleyrodidae): <i>Hibiscus</i> sp.	Hawaii			1	Calif.*
<i>Pealius rhododendri</i> Takah. (Aleyrodidae): <i>Rhododendron</i> sp.	Japan			1	Hawaii.
<i>Pectinophora gossypiella</i> (Saund.) (Gelechiidae): <i>Gossypium</i> sp. (cottonseed)	Brazil, British West Indies, Hawaii, Italy, Mexico, St. Kitts, Venezuela.	21		1	Calif.,* D. C., Fla., Mass., N. J., N. Y., Tex., Wash.
<i>Gossypium</i> sp. (cotton; gin motes)	Brazil	1			Tex.
<i>Gossypium</i> sp. (cotton boll)	Hawaii, Italy	2			Calif.,* N. Y.
<i>Gossypium</i> sp. (seed cotton)	Egypt	2			Ohio.
<i>Hibiscus esculentus</i> (okra)	Cyprus, Dominican Republic, Puerto Rico.	2		1	Mich., N. Y.
<i>Periphyllus horridus</i> Theobald (?) (Aphidae): <i>Acer palmatum</i> (Japanese maple)	Netherlands			2	N. J.
<i>Acer</i> sp. (maple)	do			10	N. J.
<i>Phalonia zephyrana</i> (Treit.) (Phalonidae): <i>Daucus carota</i> (carrot)	Italy			1	Md.
<i>Phatnoma annulipes concisa</i> Drake (Tingidae): Orchid	Mexico			2	Tex.
<i>Phelypera distigma</i> Boh. (Curculionidae): <i>Laelia anceps</i> (orchid)	do			1	Tex.
Orchid	do			1	Tex.
<i>Phenacaspis sandwicensis</i> Fullaway (?) (Coccidae): <i>Cocos nucifera</i> (coconut)	Hawaii	8			Calif.*
<i>Mangifera indica</i> (mango)	do	2			Calif.*
<i>Strelitzia</i> sp.	do	1			Calif.*
<i>Phenacoccus gossypii</i> Towns. & Ckll. (Coccidae): <i>Hibiscus</i> sp.	Bermuda	1			Mass.
<i>Ipomoea</i> sp. (morning glory)	Mexico			1	Tex.
<i>Musa paradisica sapientum</i> (banana)	do	1			Tex.
<i>Pelargonium</i> sp. (geranium)	do	1			Tex.
<i>Phlyctinus callosus</i> Boh. (Curculionidae): <i>Vitis</i> sp. (grape)	Union of South Africa, unknown.	3			N. Y., Va.
<i>Phyllobius intrusus</i> Kono (Curculionidae): Soil around dwarf cedar	Japan			1	Wash.

List of pests (insects) collected and reported from July 1, 1947 to June 30, 1948,
inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Phyllophaga alquizar</i> Chapin (Scarabaeidae): <i>Ananas comosus</i> (pineapple).....	Cuba (?).....	1			N. Y.
<i>Phyllotreta atra</i> (F.) (Chrysomelidae): <i>Crataegus</i> sp.....	Germany.....			1	N. J.
<i>Phyllotreta cruciferae</i> (Goeze) (Chrysomelidae): <i>Brassica oleracea botrytis</i> (cauliflower).....	Belgium.....		1		Pa.
<i>Brassica oleracea capitata</i> (cabbage).....	England.....		1		Tex.
<i>Phyllotreta undulata</i> (Kutsch.) (Chrysomelidae): <i>Crataegus</i> sp.....	Germany.....			1	N. J.
Shrub.....	Netherlands.....			1	N. J.
<i>Phymatodes lividus</i> Rossi (Cerambycidae): <i>Castanea</i> sp. (chestnut).....	Italy.....	1			N. Y.
<i>Physonota attenuata</i> Boh. (Chrysomelidae): <i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1			Tex.
Orchid.....	do.....			1	Tex.
<i>Physonota mexicana</i> Boh. (Chrysomelidae): <i>Musa paradisiaca sapientum</i> (banana).....	do.....	1			Calif.*
<i>Phytobius quadrituberculatus</i> (F.) (Curculionidae): <i>Crataegus</i> sp.....	Germany.....			1	N. J.
Moss and forest litter around rhododendron.....	Netherlands.....			1	N. J.
<i>Phytomyza atricornis</i> Meig. (Agromyzidae): <i>Cichorium endivia</i> (endive).....	Belgium.....	1			N. Y.
<i>Phaseolus vulgaris</i> (kidney bean).....	Costa Rica.....		1		Calif.*
<i>Phytomyza obscura</i> Zett. (Agromyzidae): <i>Nepeta cataria</i> (catnip).....	Canada.....			1	N. Y.
<i>Pieris brassicae</i> (L.) (Pieridae): <i>Brassica oleracea capitata</i> (cabbage).....	England, France.....		2		N. Y., Va.
<i>Pinnaspis buxi</i> (Bouche) (Coccidae): <i>Anthurium</i> spp.....	Guatemala.....			1	Calif.*
<i>Strelitzia</i> sp.....	Hawaii.....	1			Calif.*
<i>Synгонium</i> sp.....	Haiti.....			1	Fla.*
<i>Pityogenes chalcographus</i> (L.) (Scolytidae): <i>Picea</i> sp. (spruce).....	Germany, Sweden.....	2			N. Y.
<i>Pinus</i> sp. (pine).....	Czechoslovakia, Sweden.....	5			N. Y.
<i>Pityophthorus coronarius</i> Blkm. (Scolytidae): <i>Sambucus</i> sp.....	Mexico.....	1			N. Y.
<i>Plagiodera atritarsis</i> Stal (Chrysomelidae): <i>Lycaste</i> sp. (orchid).....	Guatemala.....			1	Tex.
Orchid.....	Mexico.....			1	Tex.
<i>Plagiodera congesta</i> Stal (Chrysomelidae): Orchid.....	do.....			2	Tex.
<i>Plagiodera semivittata</i> Stal (Chrysomelidae): Orchid.....	do.....			5	Tex.
<i>Plagiodera thymaloides</i> Stal (Chrysomelidae): Orchid.....	do.....			7	Tex.
<i>Platoceticus symmicta</i> Dyar (Psychidae): <i>Ananas comosus</i> (pineapple).....	do.....	1			Tex.
<i>Musa paradisiaca sapientum</i> (banana).....	Guatemala, Mexico.....	2			La., Tex.
<i>Platycarenum humilis</i> (H.-S.) (Pentatomidae): <i>Musa paradisiaca sapientum</i> (banana).....	Costa Rica, Mexico.....	4			Calif.*
Orchid.....	Mexico.....			1	Tex.
<i>Platynota rostrana</i> (Wlk.) (Tortricidae): <i>Ananas comosus</i> (pineapple).....	Cuba.....	3			Tex.
<i>Capsicum frutescens</i> (pepper).....	Mexico.....	1			Tex.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	2			Tex.
<i>Platynota rostrana</i> (Wlk.) (?) (Tortricidae): <i>Cujanus cajan</i> (pigeonpea).....	Puerto Rico.....	1			N. Y.
<i>Platynota stultana</i> (Wlsm.) (Tortricidae): <i>Capsicum frutescens</i> (pepper).....	Mexico.....	107			Ariz.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	2			Tex.
<i>Platypus rugulosus</i> Chapuis (Platypodidae): Log.....	do.....	3			Calif.*
<i>Pyrrhia scabiei</i> (Hopkins) (Fungivoridae): Soil around astilbe roots.....	Netherlands.....			1	N. J.
<i>Pogonocherus fasciculatus</i> (Deg.) (Cerambycidae): Conifer slat.....	Finland.....	1			Pa.
<i>Pinus</i> sp. (pine).....	Sweden.....	1			N. Y.
" <i>Poliaspis</i> " <i>pini</i> Mask. (Coccidae): <i>Cupressus</i> spp.....	Japan.....			1	Calif.*
<i>Pinus</i> sp. (pine).....	Japan, Korea.....			11	Calif.*, Hawaii, Oreg., Wash.

List of pests (insects) collected and reported from July 1, 1947 to June 30, 1948, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Polydortomyia curvipes</i> (Wied.) (Syrphidae):					
<i>Gladiolus</i> sp.	Mexico	1			Tex.
<i>Polygraphus poligraphus</i> (L.) (Scolytidae):					
<i>Picea</i> sp. (spruce)	Norway	1			N. Y.
<i>Premnotrypes solani</i> Pierce (?) (Curculionidae):					
<i>Solanum tuberosum</i> (potato)	Peru	1			Fla.*
<i>Premnotrypes vorax</i> (Hust.) (Curculionidae):					
<i>Solanum tuberosum</i> (potato)	Ecuador		1		N. Y.
<i>Prodenia eridania</i> (Cram.) (Phalaenidae):					
<i>Capiscum frutescens</i> (pepper)	Cuba	1			N. Y.
<i>Prodenia ornithogalli</i> Guen. (Phalaenidae):					
<i>Dahlia</i> sp.	Bermuda	1			N. Y.
<i>Oryza sativa</i> (rice)	India	1			Ala.
<i>Protopulvinaria longivalvata</i> Green (Coccidae):					
<i>Anthurium</i> sp.	British Guiana	1			P. R.
<i>Cattleya mossiae</i> (orchid)	Venezuela			1	Calif.*
<i>Gardenia augusta</i> (gardenia)	Mexico	1			Tex.
<i>Protopulvinaria pyriformis</i> (Ckll.) (Coccidae):					
<i>Gardenia augusta</i> (gardenia)	Cuba, Puerto Rico, Venezuela	6			Fla., N. Y.
<i>Laurus nobilis</i> (Grecian laurel)	Barbados	1			Fla.*
<i>Plumeria</i> sp.	Canal Zone	1			Fla.*
<i>Pseudaonidia clavigera</i> Ckll. (Coccidae):					
<i>Hibiscus</i> sp.	Hawaii			1	Calif.*
<i>Pseudaonidia curculiginis</i> Green (Coccidae):					
<i>Cymbidium atropurpureum</i> (orchid)	Philippines			1	Calif.*
<i>Pseudaonidia tesserata</i> (de Charm.) (Coccidae):					
Cutting	Jamaica	1			Fla.*
<i>Smilax</i> sp.	Trinidad			1	D. C.
<i>Vanda</i> sp. (orchid)	do			1	Tex.
<i>Pseudaonidia trilobitiformis</i> (Green) (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime)	Argentina, Panama		2		Calif.*
<i>Citrus limon</i> (lemon)	Argentina, East Africa		3		Calif.*
<i>Pseudischnaspis alienus</i> (Newst.) (Coccidae):					
<i>Brassavola</i> sp. (orchid)	Honduras			2	Fla., N. J.
<i>Cattleya skinneri</i> (orchid)	Costa Rica			1	Calif.*
<i>Cattleya</i> sp.	British Honduras, Salvador			2	Tex.
<i>Epidendrum atropurpureum</i> (orchid)	Guatemala			1	Calif.*
<i>Laelia anceps</i> (orchid)	Mexico			1	Tex.
<i>Laelia</i> sp.	Costa Rica, Mexico			2	Tex.
<i>Oncidium</i> sp. (orchid)	Mexico			1	Tex.
Orchid	Costa Rica, Guatemala, Salvador			4	Fla., Tex.
<i>Pseudococcus lilacinus</i> Ckll. (Coccidae):					
<i>Vanda luzonica</i> (orchid)	Philippines			1	Calif.*
<i>Pseudococcus palmarum</i> (Ehrh.) (Coccidae):					
<i>Ananas comosus</i> (pineapple)	Hawaii	1			Calif.*
<i>Cocos nucifera</i> (coconut)	Hawaii, Philippines	7	1	1	Calif.*
<i>Pseudococcus pini</i> (Kuw.) (Coccidae):					
<i>Pinus</i> sp. (pine)	Japan			2	Calif., Wash.
<i>Pseudodiaspis yuccae</i> (Ckll.) (Coccidae):					
<i>Cassia</i> sp.	Mexico			1	Ariz.
<i>Pseudoparlatoria ostreata</i> Ckll. (Coccidae):					
<i>Odontoglossum grande</i> (orchid)	Guatemala			1	Calif.*
<i>Oncidium urophyllum</i> (orchid)	Leeward Islands			1	N. J.
<i>Opuntia</i> sp.	Guatemala			1	N. J.
<i>Philodendron</i> sp.	Mexico			1	Calif.*
<i>Psila rosae</i> (F.) (Psilidae):					
<i>Apium graveolens</i> (celery)	England, Ireland, Sweden	4			Ala., Pa., Tex.
<i>Apium graveolens rapaceum</i> (celeriac)	Netherlands, Norway, Sweden	4			La., Tex.
<i>Brassica rapa</i> (turnip)	England			1	Tex.
<i>Cynara cardunculus</i> (cardoon)	Italy			1	N. Y.
<i>Daucus carota</i> (carrot)	England, France, Ireland, Martinique, Netherlands, Spain, Sweden, unknown, Wales	26			Calif., La., N. Y., Tex.
<i>Pastinaca sativa</i> (parsnip)	Denmark			1	Tex.
Soil with chrysanthemum plant	France			1	N. Y.
Soil with carrots	England, Scotland			3	Tex.

28

BUREAU OF ENTOMOLOGY AND PLANT QUARANTINE

List of pests (insects) collected and reported from July 1, 1947 to June 30, 1948,
inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consump- tion	Nonenury	Propaga- tion	
<i>Pteleobius vittatus</i> (F.) (Scolytidae):					
<i>Ulmus</i> sp. (elm).....	England.....	1			N. Y.
<i>Ptochoryctis tsugensis</i> Kearf. (Xyloryctidae):					
<i>Pinus</i> sp. (pine).....	Japan.....			1	Calif.*
<i>Pulvinaria psidii</i> Mask. (Coccidae):					
<i>Vanda</i> sp. (orchid).....	Philippines.....			1	Calif.*
<i>Puto mexicanus</i> (Ckll.) (Coccidae):					
Orchid.....	Mexico.....			2	Tex.
<i>Pyrausta nubilalis</i> (Hbn.) (Pyraustidae):					
<i>Capiscum frutescens</i> (pepper).....	Italy.....	1			N. Y.
<i>Sorghum vulgare</i> (sorghum).....	India.....		1		Mass.
<i>Sorghum vulgare technicum</i> (broomcorn).....	Hungary, Italy.....	3			Mass., N. Y., Ohio.
<i>Raphidopalpa femoralis</i> Mots. (Chrysomelidae):					
<i>Juniperus</i> sp. (juniper).....	Japan.....			2	Wash.
<i>Renocis mexicanus</i> Blkm. (Scolytidae):					
<i>Merostachys</i> sp.....	Mexico.....	1			Ariz.
<i>Reticulitermes flavipes</i> (Kol.) (Rhinotermitidae):					
<i>Laelia anceps</i> (orchid).....	do.....			1	Tex.
Orchid.....	do.....			1	Tex.
Soil around citrus tree.....	do.....			1	Tex.
<i>Rhagoletis alternata</i> (Fall.) (Tephritidae):					
<i>Rosa canina</i> (dog rose).....	Sweden.....			1	Ohio.
<i>Rhagoletis cerasi</i> (L.) (Tephritidae):					
<i>Prunus</i> sp. (cherry).....	Czechoslovakia, France, Italy, Portugal, Swit- zerland.....	6	1		Ill., N. Y.
<i>Rhagoletis cerasi</i> (L.) (?) (Tephritidae):					
<i>Prunus</i> sp. (cherry).....	Unknown.....	2			N. Y.
<i>Rhagoletis pomonella</i> (Walsh) (Tephritidae):					
<i>Malus sylvestris</i> (apple).....	Mexico.....	2			Tex.
<i>Rhagoletis pomonella</i> (Walsh) (?) (Tephritidae):					
<i>Crataegus</i> sp. (thornapple).....	do.....	1			Tex.
<i>Malus sylvestris</i> (apple).....	do.....	1			Tex.
<i>Rhagoletis striatella</i> (?) Wulp (Tephritidae):					
<i>Physalis</i> sp. (husk tomato).....	do.....	1			Tex.
<i>Rhinoncus bruchoides</i> (Hbst.) (Curculionidae):					
<i>Crataegus</i> sp.....	Germany.....			1	N. J.
Moss and forest litter around rhododendron.....	Netherlands.....			1	N. J.
<i>Rhinoncus pericarpus</i> (L.) (Curculionidae):					
Moss and soil packing.....	Norway.....	1			N. Y.
<i>Rhinoncus perpendicularis</i> (Reich.) (Curculio- nidae):					
<i>Vitis</i> sp. (grape).....	Italy.....			1	N. J.
<i>Rhopalophora incrustata</i> Chevr. (Cerambycidae):					
<i>Sambucus</i> sp.....	Mexico.....	1			N. Y.
<i>Rhopalosiphoninus tulipaella</i> Theob. (Aphidae):					
<i>Crocus</i> sp.....	Netherlands.....	1			Fla.*
<i>Tulipa</i> sp. (tulip).....	do.....	1			Fla.*
<i>Rhopobola naevana</i> (Hbn.) (Olethreutidae):					
<i>Vaccinium</i> sp.....	Finland.....			1	Wash.
<i>Rhynchaenus fagi</i> L. (Curculionidae):					
<i>Crataegus</i> sp.....	Germany.....			1	N. J.
<i>Ribua innoxia</i> Hein. (Phycitidae):					
<i>Ananas comosus</i> (pineapple).....	Cuba.....	4			N. Y., Tex.
<i>Rutidosoma fallax</i> (Otto) (Curculionidae):					
<i>Crataegus</i> sp.....	Germany.....			2	N. J.
<i>Scolopostethus affinis</i> (Schill.) (Lygaeidae):					
<i>Primula</i> sp.....	England.....			1	Wash.
<i>Scolytus intricatus</i> (Ratz.) (Scolytidae):					
<i>Quercus</i> sp. (oak).....	Netherlands.....	1			Pa.
<i>Scolytus rugulosus</i> Ratz. (Scolytidae):					
<i>Prunus persica</i> (peach).....	Mexico.....	1			Calif.
<i>Sericophanes ocellatus</i> Reuter (Miridae):					
<i>Dianthus</i> sp. (pink).....	do.....	2			Tex.
<i>Sesamia cretica</i> Led. (Phalaenidae):					
<i>Sorghum vulgare technicum</i> (broomcorn).....	Italy.....	16			Mass., N. Y.
<i>Setomorpha rutella</i> (Zell.) (Tineidae):					
<i>Areca catechu</i> (betel palm).....	Philippines.....	1			Hawaii.*
<i>Lilium</i> sp. (lily).....	Mexico.....			1	Tex.
Orchid.....	do.....			1	Tex.
<i>Stenocactus</i> sp. (cactus).....	do.....			1	Tex.

List of pests (insects) collected and reported from July 1, 1947 to June 30, 1948,
inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Sibine stimulea</i> (Olem.) (Limacodidae): <i>Musa paradisica sapientum</i> (banana).....	Costa Rica.....	1			Calif.*
<i>Sibinia potentillae</i> Germ. (Curculionidae): Moss and forest litter around rhododendron.....	Netherlands.....			1	N. J.
<i>Sinorylon anale</i> Lesne (Bostrichidae): <i>Gossypium</i> sp. (cottonseed).....	Anglo-Egyptian Sudan.....	1			Va.
Twig basket.....	Philippines.....	1			Hawaii.*
Wood.....	India.....	3			N. Y.
<i>Sinorylon sexdentatum</i> (Oliv.) (Bostrichidae): <i>Nerium</i> sp.....	Portugal.....	1			Va.
<i>Sisamnes contractus</i> Dist. (Lygaeidae): <i>Ananas comosus</i> (pineapple).....	Mexico.....	2			Tex.
Orchid.....	do.....			1	Tex.
<i>Sitona lineata</i> (L.) (Curculionidae): <i>Malus sylvestris</i> (apple).....	Netherlands.....		1		N. Y.
<i>Narcissus</i> sp.....	do.....		1		N. J.
<i>Rhododendron</i> sp.....	do.....	1			N. J.
Shrub.....	do.....		1		N. J.
<i>Sizeonotus luteiceps</i> Reut. (Miridae): Cactus.....	Mexico.....			11	Tex.
<i>Mammillaria compressa rosea</i> (cactus).....	do.....			1	Tex.
<i>Mammillaria magnimamma</i>	do.....			1	Calif.*
<i>Mammillaria</i> sp.....	do.....			1	Tex.
<i>Sosythus terminalis</i> Sharp (Colydiidae): <i>Spondias</i> sp.....	Venezuela.....	1			N. Y.
<i>Sparticus villosus</i> (F.) (Bruchidae): <i>Cytisus scoparius</i> (Scotch broom).....	Denmark.....		1		N. Y.
<i>Laburnum anagyroides</i>	Italy.....		1		D. C.
<i>Specularius impressithorax</i> (Pic) (Bruchidae): <i>Erythrina</i> sp.....	Belgian Congo.....			1	N. J.
<i>Sphenarches caffer</i> (Zell.) (Pterophoridae): <i>Cajanus cajan</i> (pigeonpea).....	Puerto Rico.....	3			N. Y.
<i>Stenoma anonella</i> Sepp. (Stenomidae): <i>Annona muricata</i> (soursoo).....	Honduras, Venezuela.....	1	1		La., N. Y.
<i>Stenoma calenifer</i> (Wlsm.) (Stenomidae): <i>Persea americana</i> (avocado).....	Canal Zone, Panama, Mexico, Nicaragua, Salvador, Venezuela.	16	2		Ala., Calif.,* N. Y., Tex.
<i>Stenyrgrinum quadrinotatum</i> Bates (Cerambyci- dae): <i>Gossypium</i> sp. (seed cotton).....	India.....	1			N. Y.
<i>Stephanitis pyroides</i> (Scott) (Tingidae): <i>Rhododendron</i> sp.....	Japan.....			2	Wash.
<i>Stephanoderes lecontei</i> Hopk. (?) (Scolytidae): <i>Catasetum</i> sp. (orchid).....	Canal Zone.....			1	N. J.
<i>Stephanopachys rugosus</i> (Oliv.) (Bostrichidae): <i>Pinus</i> sp. (pine).....	Cuba.....	1			N. Y.
<i>Stilodes caelebs</i> (Stal) (Chrysomelidae): Orchid.....	Mexico.....			1	Tex.
<i>Strophosoma melanogrammus</i> Forst. (Curcu- lionidae): <i>Dianthus</i> sp.....	Denmark.....			1	N. J.
<i>Strophosoma rufipes</i> Steph. (Curculionidae): Moss and forest litter around rhododendron.....	Netherlands.....			1	N. J.
<i>Synchlora aerata</i> (F.) (Geometridae): <i>Chrysanthemum parthenium</i> (feverfew).....	Mexico.....	1			Tex.
Herb.....	Bermuda.....	1			Va.
<i>Systole gepiculata</i> Foerst. (Eurytomidae): <i>Coriandrum sativum</i> (coriander).....	Mexico.....	1			Ariz.
<i>Taeniothrips ericae</i> (Hal.) (Thripidae): <i>Erica</i> sp. (heath).....	England.....			1	N. J.
<i>Taeniothrips hawaiiensis</i> (Morg.) (Thripidae): <i>Canavalia</i> sp.....	Hawaii.....	6			Calif.*
<i>Gardenia</i> sp.....	do.....	2			Calif.*
Multiflowered lei.....	do.....	1			Wash.
<i>Taeniothrips simplex</i> (Mor.) (Thripidae): <i>Gladiolus</i> sp.....	Canada, Central Amer- ica, Mexico, Nether- lands, unknown.	1	2	3	La., N. J., Tex.
<i>Fosa</i> sp. (rose).....	Central America.....		1		La.
<i>Talponia batessi</i> Hein. (Olethreutidae): <i>Annona cherimola</i> (cherimoya).....	Mexico.....	1			Tex.

List of pests (insects) collected and reported from July 1, 1947 to June 30, 1948
inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
" <i>Targionia</i> " <i>bromiliae</i> (Leon.) (Coccidae): <i>Ananas comosus</i> (pineapple).....	Azores, Mexico.....	20	—	—	N. Y., Tex.
" <i>Targionia</i> " <i>hartii</i> (Ckll.) (Coccidae): <i>Dioscorea</i> sp. (yam).....	Barbados, Dominica, Puerto Rico, St. Kitts, St. Vincent, Virgin Islands, West Indies.	8	—	—	Fla., Ill., N. Y.
" <i>Targionia</i> " <i>sacchari</i> (Ckll.) (Coccidae): Gramineae.....	Guam.....	1	—	—	Calif.*
Grass.....	Saipan.....	1	—	—	Calif.*
<i>Gynierium</i> sp.....	Costa Rica.....	—	—	1	D. C.
<i>Saccharum officinarum</i> (sugarcane).....	Puerto Rico.....	3	—	—	N. Y.
<i>Targionia guccarum</i> (Ckll.) (Coccidae): <i>Sedum</i> sp.....	Mexico.....	—	—	1	Calif.*
<i>Tempyra biguttula</i> Stal (Lygaeidae): <i>Laelia anceps</i> (orchid).....	do.....	—	—	1	Tex.
<i>Tenthoris angustimarginatus</i> Hsiao & Sailer (Miridae): <i>Laelia anceps</i> (orchid).....	do.....	—	—	1	Tex.
Orchid.....	do.....	—	—	9	Tex.
<i>Tenthoris balloui</i> Hsiao & Sailer (Miridae): <i>Miltonia vexillaria</i> (orchid).....	Colombia.....	—	—	1	Calif.*
<i>Tenthoris bicolor</i> Scott (Miridae): <i>Cattleya harrisoniana</i> (orchid).....	Brazil.....	—	—	1	Calif.*
<i>Cattleya labiata</i>	do.....	—	—	2	N. J.
<i>Cattleya</i> sp.....	do.....	—	—	5	N. J.
<i>Laelia purpurata</i> (orchid).....	do.....	—	—	3	Calif.* N. J.
<i>Laelia</i> sp.....	do.....	—	—	2	N. J.
Orchid.....	do.....	—	—	5	Fla., P. R. Tex., Wash.
<i>Sophrontis</i> sp. (orchid).....	do.....	—	—	1	N. J.
<i>Tenthoris columbiensis</i> Hsiao & Sailer (Miridae): <i>Cattleya</i> sp. (orchid).....	Colombia.....	—	—	1	Fla.
<i>Tenthoris confusus</i> Hsiao & Sailer (Miridae): <i>Cattleya</i> sp.....	Guatemala.....	—	—	1	Tex.
<i>Laelia anceps</i> (orchid).....	Mexico.....	—	—	1	Tex.
Orchid.....	Honduras, Mexico.....	—	—	3	Tex.
<i>Tenthoris distinctus</i> Hsiao & Sailer (Miridae): Orchid.....	Mexico.....	—	—	14	Tex.
<i>Stanhopea</i> sp. (orchid).....	Guatemala, Mexico.....	—	—	13	Calif.* Fla., Tex.
<i>Tenthoris distinguendus</i> Hsiao & Sailer (Miridae): <i>Epidendrum atropurpureum</i> (orchid).....	Guatemala.....	—	—	1	Fla.
<i>Tenthoris exilis</i> (Dist.) (Miridae): Orchid.....	Canal Zone.....	—	—	2	Fla.*
<i>Tenthoris venezuelensis</i> (Hsiao & Sailer) (Miridae): <i>Cattleya gaskelliana</i> (orchid).....	Brazil, Colombia.....	—	—	6	Fla., N. J.
<i>Cattleya gigas</i>	Brazil.....	—	—	1	N. J.
<i>Cattleya mossiae</i>	—	—	—	—	—
<i>Cattleya peruvianiana</i>	Venezuela.....	—	—	2	N. J.
Orchid.....	do.....	—	—	2	Fla., N. J.
<i>Cattleya</i> sp.....	Soldier's mail, Venezu- ela.	—	—	22	Fla., N. J.
Orchid.....	Argentina, Brazil, Vene- zuela.	—	—	6	La., N. J., P. R.
<i>Tenthoris vestitus</i> (Dist.) (Miridae): <i>Odontoglossum grande</i> (orchid).....	Guatemala.....	—	—	1	Fla.
Orchid.....	Costa Rica.....	—	—	1	Fla.
<i>Tephritis genalis</i> (Thoms.) (Tephritidae): Airplane.....	Mexico.....	—	—	1	Tex.
<i>Tetraleurodes mori</i> (Q.) (Aleyrodidae): <i>Citrus sinensis</i> (orange).....	do.....	5	—	—	Tex.
<i>Citrus</i> sp.....	do.....	4	—	—	Tex.
<i>Dahlia</i> sp.....	do.....	1	—	—	Ariz.
<i>Hibiscus</i> sp.....	do.....	—	—	1	Ariz.
Leaf.....	do.....	—	—	—	Ariz.
<i>Psidium guajava</i> (guava).....	do.....	1	—	—	Tex.

List of pests (insects) collected and reported from July 1, 1947 to June 30, 1948,
inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Texananus spatulatus</i> (Van Duzee) (Cicadellidae):					
<i>Lilium</i> sp. (lily)	do	1			Tex.
<i>Thrips angusticeps</i> Uzel (Thripidae):					
<i>Cichorium intybus</i> (escarol)	France		1		N. Y.
<i>Thrips fuscipennis</i> Hal. (Thripidae):					
<i>Dianthus</i> sp. (carnation)	England	1			N. Y.
<i>Thyanta perditor</i> (F.) (Pentatomidae):					
<i>Cajanus cajan</i> (pigeonpea)	Puerto Rico	1			N. Y.
<i>Trialeurodes vaporariorum</i> (Westw.) (Aleyrodidae):					
<i>Ageratum</i> sp.	Netherlands			1	N. J.
Leaf	Brazil			1	D. C.
<i>Trichobaris mucorea</i> (Lec.) (Curculionidae):					
<i>Solanum melongena</i> (eggplant)	Mexico	2			Ariz.
<i>Trionymus lounsburyi</i> (Brain) (Coccidae):					
<i>Trichocaulon officinale</i>	Union of South Africa			1	Calif.*
<i>Trochuda raspa</i> (Druce) (Pericopidae):					
Orchid	Mexico			1	Tex.
<i>Tychius inermis</i> Csy. (Curculionidae):					
<i>Tillandsia usneoides</i> (Spanish moss)	do	1			Tex.
<i>Tillandsia</i> sp.	do			1	Tex.
<i>Typhlocyba froggatti</i> Bak. (Cicadellidae):					
<i>Malus sylvestris</i> (apple)	Argentina	1			N. Y.
<i>Tythomimus rufotestaceus</i> Champ. (Curculionidae):					
Orchid	Mexico			1	Tex.
<i>Ulopa reticulata</i> (F.) (Cicadellidae):					
Moss and forest litter around rhododendron	Netherlands			1	N. J.
<i>Unaspis citri</i> (Comst.) (Coccidae):					
<i>Citrus paradisi</i> (grapefruit)	Bahamas, Jamaica	1	1		Fla.*
<i>Citrus sinensis</i> (orange)	Colombia, Trinidad		2		Fla.*
<i>Citrus</i> sp.	Brazil, Curacao	1	1		Fla.*
<i>Unaspis euonymi</i> (Comst.) (Coccidae):					
<i>Euonymus</i> sp.	Mexico	1			Tex.
<i>Unaspis yanonensis</i> (Kuw.) (Coccidae):					
<i>Citrus reticulata</i> (Mandarin orange)	Japan	1			Minn.
<i>Vesiculaphis caricis</i> (Fullaway) (Aphidae):					
<i>Rhododendron</i> sp.	do			1	Calif.*
<i>Vinsonia stellifera</i> (Westw.) (Coccidae):					
<i>Achras zapota</i> (sapodilla)	Haiti	1			Fla.*
<i>Antidesma buniuz</i> (bignay China laurel)	Canal Zone			1	Fla.
<i>Aspasia</i> sp. (orchid)	do			1	N. J.
Bay (?)	Puerto Rico	1			Fla.*
<i>Broughtonia</i> sp. (orchid)	Jamaica			1	Fla.
<i>Citrus</i> sp.	Puerto Rico	1			Fla.*
<i>Epidendrum ciliare</i> (orchid)	Leeward Islands			1	N. J.
<i>Epidendrum</i> sp.	British Guiana			1	N. J.
<i>Gongora</i> sp. (?) (orchid)	Trinidad			1	N. J.
<i>Laurus nobilis</i> (Grecian laurel)	Barbados	1			Fla.*
<i>Oncidium</i> sp. (orchid)	Canal Zone			2	Fla., N. J.
Orchid	British Guiana, French Guiana, Trinidad			4	Aja., Fla., N. J., P. R.
<i>Schomburgkia</i> sp. (orchid)	British Guiana			1	N. J.
<i>Stanhopea</i> sp. (orchid)	do			1	N. J.
<i>Trigonidium macranthum</i> (orchid)	Brazil			1	D. C.
<i>Xanthonia guatemalensis</i> Jac. (Chrysomelidae):					
<i>Rosa</i> sp.	Guatemala	1			Tex.
<i>Xyleborus testaceus</i> (Wlk.) (Scolytidae):					
<i>Acacia koa</i> (koa acacia)	Hawaii	1			Calif.*
<i>Xylobiops parilis</i> Lesne (Bostrichidae):					
Bamboo	Mexico	1			Ariz.
<i>Xylobiops texanus</i> (Horn) (Bostrichidae):					
Airplane	do			2	Tex.
<i>Xylopocus castanoptera</i> (Fairm.) (Bostrichidae):					
Twig	Hawaii	1			Calif.*

List of pests (insects) collected and reported from July 1, 1947 to June 30, 1948, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
Zabrotes subfasciatus (Boh.) (Bruchidae):					
Bean	Mexico, Peru	8	1	1	D. C., Tex.
<i>Chrysanthemum maximum</i> (shasta daisy)	Mexico	1	1	1	Tex.
<i>Lycopersicon esculentum</i> (tomato)	do	1	1	1	Tex.
Orchid	do	1	1	1	Tex.
Mandado bag	do	1	1	1	Tex.
<i>Phaseolus</i> sp. (bean)	do	1	1	1	Calif.*
Zamagiria deia Dyar (Phycitidae):					
<i>Achras zapota</i> (sapodilla)	Cuba	1	1	1	N. Y.
Zygomamma obscurifasciata Jac. (Chrysomelidae):					
Orchid	Mexico	1	1	1	Tex.
Zygomamma piceicollis (Stal) (Chrysomelidae):					
<i>Epidendrum</i> sp. (orchid)	do	1	1	1	Calif.*
<i>Laelia majalis</i> (orchid)	do	1	1	1	Tex.
<i>Laelia</i> sp.	do	1	1	1	Tex.
Orchid	do	1	2	2	Tex.

Hosts and insects

ACACIA:

Mimosestes sallaei (Coleoptera)
Xyleborus testaceus (Coleoptera)

ACER:

Parlatoria theae (Homoptera)
Periphyllus horridus (?) (Homoptera)

ACHIMENES:

Hofmannophila pseudospretella (Lepidoptera)

ACHRAS:

Asterolecanium pustulans (Homoptera)
Anastrepha serpentina (Diptera)
Coccus viridis (Homoptera)
Vinsonia stellifera (Homoptera)
Zamagiria deia (Lepidoptera)

AERIDES:

Callispa duodecimmaculata (Coleoptera)

AGERATUM:

Trialeurodes vaporariorum (Homoptera)

ALLIUM SATIVUM:

Aceria tulipae (Acarina)
Brachycerus albidentatus (Coleoptera)
Brachycerus alpinus (Coleoptera)

ALYXIA:

Ceroptastes rubens (Homoptera)
Lepidosaphes uniloba (Homoptera)

ANANAS:

Alpheias conspirata (Lepidoptera)
Ereunetes flavistrata (Lepidoptera)
Lyctus caribeanus (Coleoptera)
Metamasius sericeus carbonarius (Coleoptera)
Olibrus submaculatus (Coleoptera)
Phyllophaga alquizarra (Coleoptera)
Platoceticus symmicta (Lepidoptera)
Platynota rostrana (Lepidoptera)
Pseudococcus palmarum (Homoptera)
Ribua innazia (Lepidoptera)
Samnites contractus (Hemiptera)
"Targionia" bromilinae (Homoptera)

ANEMONE:

Nemopogon granella (Lepidoptera)

ANNONA:

Aspidiotus destructor (Homoptera)
Stenomoma anonella (Lepidoptera)
Talponia batist (Lepidoptera)

ANTHURIUM:

Pinnaspis buxi (Homoptera)
Protopulvinaria longivalvata (Homoptera)

ANTIDESMA:

Vinsonia stellifera (Homoptera)

ANTIRRHINUM:

Frankliniella insularis (Thysanoptera)

APIUM:

Barathra brassicae (Lepidoptera)
Euleia heraclei (Diptera)
Lixus mucronatus (Coleoptera)
Psila rosae (Diptera)

ARACEAE:

Chrysomphalus nigropunctatus (Homoptera)

ARECA:

Setomorpha rutella (Lepidoptera)

ARTOCARPUS:

Aleurocanthus woglumi (Thysanoptera)

ASPASIA:

Vinsonia stellifera (Homoptera)

BAMBOO:

Amphicerus cornutus (Coleoptera)
Asterolecanium bambusae (Homoptera)
Dinoderus brevis (Coleoptera)
Dinoderus pilifrons (Coleoptera)
Eucalandra setulosa (Coleoptera)
Xylbiops parilis (Coleoptera)

BETA VULGARIS:

Cassida vittata (Coleoptera)
Mecinus pyrastrer (Coleoptera)

BETA VULGARIS CICLA:

Conotrachelus seniculus (Coleoptera)
Creontiades femoralis (Hemiptera)

BORASSUS:

Halimococcus borassi (Homoptera)

BRASSA VOLA:

Furcaspis biformis (Homoptera)
Pseudischnaspis alienus (Homoptera)

BRASSICA OLERACEA BOTRYTIS:

Egergestis forficatis (Lepidoptera)
Nysius raphanus (Hemiptera)

Phyllotreta cruciferae (Coleoptera)

BRASSICA OLERACEA CAPITATA:

Elaphria chalcidion (Lepidoptera)
Egergestis forficatis (Lepidoptera)

Nysius minutus (Hemiptera)

Nysius stimulans (Hemiptera)

Phyllotreta cruciferae (Coleoptera)

Pteris brassicae (Lepidoptera)

BRASSICA RAPA:

Brachyrhinus porcaus (Coleoptera)
Hellula phidilealis (Lepidoptera)
Loxostege similis (Lepidoptera)
Lygus elisus (Hemiptera)

Hosts and insects—Continued

BRASSICA RAPA—Continued

Nysius minutus (Hemiptera)*Nysius raphanus* (Hemiptera)*Psila rosae* (Diptera)

BRASSICA SP. (mustard)

Barathra brassicae (Lepidoptera)*Cyrtopeltis varians* (Hemiptera)*Ebergestis rimosalis* (Lepidoptera)*Loxostege stimalis* (Lepidoptera)*Nabis alternatus* (Hemiptera)*Nysius minutus* (Hemiptera)*Nysius raphanus* (Hemiptera)

BROMELIA:

Crophilus scabrosus (Hemiptera)

BROUGHTONIA:

Vinsonia stellifera (Homoptera)

BRYOPHYLLUM:

Aleurocanthus woglumi (Homoptera)

CACTUS:

Lepidosaphes philococcus (Homoptera)*Mimorista flavidissimalis* (Lepidoptera)*Moneilema ebenus* var. (Coleoptera)*Nysius calliger* (Hemiptera)*Ogdocoeca biannularis* (Coleoptera)*Sitonaotus luteiceps* (Hemiptera)

CAESALPINIA:

Mimosestes dominicana (Coleoptera)

CAJANUS:

Acanthoscelides armitagei (Coleoptera)*Ancylostoma stercora* (Lepidoptera)*Callosobruchus chinensis* (Coleoptera)*Callosobruchus maculatus* (Coleoptera)*Diaprepes abbreviatus* (Coleoptera)*Elasmopalpus lignosellus* (Lepidoptera)*Fundella pellucens* (Lepidoptera)*Maruca testulalis* (Lepidoptera)*Platynota rostrana* (?) (Lepidoptera)*Sphenarches caffer* (Lepidoptera)*Thyanta perditor* (Hemiptera)

CALADIUM:

Corcyra cephalonica (Lepidoptera)

CALLUNA:

Chaetarthria seminulum (Coleoptera)

CALOCARPUM:

Anastrepha serpentina (Diptera)

CAMELLIA:

Aspidiotus degeneratus (Homoptera)*Ceroplastes ceriferus* (Homoptera)*Ceroplastes japonicus* (Homoptera)*Parlatoria camelliae* (Homoptera)

CANAVALLA:

Haplothrips gowdeyi (Thysanoptera)*Lampides boeticus* (Lepidoptera)*Maruca testulalis* (Lepidoptera)*Taeniothrips hawaiiensis* (Thysanoptera)

CANNABIS:

Coptorhynchus iliganus (Coleoptera)

CAPSICUM:

Ceratitis capitata (Diptera)*Cyrtocapsus caliginus* (Hemiptera)*Dacus cucurbitae* (Diptera)*Estigmene acrea* (Lepidoptera)*Exptochiomera albomaculata* (Hemiptera)*Gnorimoschema gudmannella* (Lepidoptera)*Ligyrocotis abdominalis* (Hemiptera)*Ligyrocotis nitidicollis* (Hemiptera)*Liriomyza pusilla* (Diptera)*Platynota rostrana* (Lepidoptera)*Platynota stultana* (Lepidoptera)*Prodenia eridania* (Lepidoptera)*Pyrausta nubilalis* (Lepidoptera)

CARICA:

Aonidiella inornata (Homoptera)*Dacus dorsalis* (Diptera)

CASIMIROA:

Anastrepha ludens (Diptera)

CASSIA:

Caryedon fuscus (Coleoptera)*Pseudodiaspis yuccae* (Homoptera)

CASTANEA:

Curculio elephas (Coleoptera)*Laspeyresia splendana* (Lepidoptera)*Phymatodes lividus* (Coleoptera)

CATASETUM:

Stephanoderes lecontei (Coleoptera)

CATTLEYA:

Amyssonotum rastratum flexum (Hemiptera)*Asterolecanium epidendri* (Homoptera)*Autoserica castanea* (Coleoptera)*Chrysomphalus tenax* (Homoptera)*Clerada apicornis* (Hemiptera)*Coccus pseudohesperidum* (Homoptera)*Conchaspis angraci* (Homoptera)*Cryphula apicatus* (Hemiptera)*Eurytoma orchidearum* (Hymenoptera)*Furcaspis biformis* (Homoptera)*Heraeus cincticornis* (Hemiptera)*Lecanodiaspis dendrobii* (Homoptera)*Lygaeus guatemalanus* (Hemiptera)*Lygaeus vitticulus* (Hemiptera)*Mecolaemus carvalhoi* (Hemiptera)*Microtheca ochroloma* (Coleoptera)*Monomorium destructor* (Hymenoptera)*Mormidea v-luteum* (Hemiptera)*Protopulcinaria longivalvata* (Homoptera)*Pseudischaspis alienus* (Homoptera)*Tenthecoris bicolor* (Hemiptera)*Tenthecoris columbiensis* (Hemiptera)*Tenthecoris confusus* (Hemiptera)*Tenthecoris exitiosus* (Hemiptera)*Tenthecoris venezuelensis* (Hemiptera)

CEREUS:

Cactobrosis longipennella (Lepidoptera)

CHRYSAETHRUM:

Amorbia emigratella (Lepidoptera)*Anuraphis helichrysi* (Homoptera)*Aphis medicaginis* (Homoptera)*Disomyia leptolineata texana* (Coleoptera)*Exptochiomera oblonga* (Hemiptera)*Franklinothrips vespiformis* (Thysanoptera)*Geocoris flavilineus* (Hemiptera)*Iridomyrmex humilis* (Hymenoptera)*Ligyrocotis aurivilliana* (Hemiptera)*Lygus oblineatus* (Hemiptera)*Nysius raphanus* (Hemiptera)*Synchlora aerata* (Lepidoptera)*Zabrotes subfasciatus* (Coleoptera)

CICER:

Callosobruchus chinensis (Coleoptera)*Callosobruchus maculatus* (Coleoptera)*Corcyra cephalonica* (Lepidoptera)

CICHORIUM:

Napomyza lateralis (Diptera)*Phylomyza atricornis* (Diptera)*Thrips angusticeps* (Thysanoptera)

CITRUS AURANTIFOLIA:

Aleurocanthus woglumi (Homoptera)*Anastrepha ludens* (Diptera)*Ceratitidis capitata* (?) (Diptera)*Chrysomphalus scutiformis* (Homoptera)*Coccus viridis* (Homoptera)*Dysdercus mimulus* (Hemiptera)*Leucaspis cockerelli* (Homoptera)*Parlatoria cinerea* (Homoptera)*Parlatoria zizyphus* (Homoptera)*Pseudonidia trilobitiformis* (Homoptera)

CITRUS GRANDIS:

Ceratitidis capitata (Diptera)*Leucaspis cockerelli* (Homoptera)*Morganella longispina* (Homoptera)*Parlatoria cinerea* (Homoptera)*Parlatoria citri* (Homoptera)*Parlatoria zizyphus* (Homoptera)

CITRUS LIMON:

Leucaspis cockerelli (Homoptera)*Pseudonidia trilobitiformis* (Homoptera)

CITRUS LIMON PONDEROSA:

Ceratitidis capitata (Diptera)

CITRUS PARADISE:

Anastrepha fraterculus (Diptera)*Anastrepha ludens* (Diptera)*Aonidiella citrina* (Homoptera)*Ceratitidis capitata* (Diptera)*Chrysomphalus personatus* (Homoptera)*Leucaspis cockerelli* (Homoptera)*Parlatoria cinerea* (Homoptera)*Parlatoria zizyphus* (Homoptera)*Unaspis citri* (Homoptera)

CITRUS RETICULATA:

Ceratitidis capitata (Diptera)*Parlatoria zizyphus* (Homoptera)*Unaspis yamonnensis* (Homoptera)

Hosts and insects—Continued

CITRUS SINENSIS:

- Aleurocanthus woglumi* (Homoptera)
- Aleurotrachelus citri* (Homoptera)
- Anastrepha fraterculus* (Diptera)
- Anastrepha ludens* (Diptera)
- Aspidiotus excrucians* (Homoptera)
- Aspidiotus palmarum* (Homoptera)
- Ceratitidis capitata* (Diptera)
- Chrysomphalus personatus* (Homoptera)
- Leucaspis cockerelli* (Homoptera)
- Paraleyrodes singularis* (?) (Homoptera)
- Parlatoria cinerea* (Homoptera)
- Parlatoria zizyphi* (Homoptera)
- Tetraleyrodes mori* (Homoptera)
- Unaspis citri* (Homoptera)

CITRUS SP.:

- Aleurocanthus woglumi* (Homoptera)
- Aleurothrixus floccosus* (Homoptera)
- Aleurotuberculatus auriculae* (Homoptera)
- Ceroplastes japonicus* (Homoptera)
- Ceroplastes rubens* (Homoptera)
- Coccus viridis* (Homoptera)
- Dialeurodes citrifolii* (Homoptera)
- Paraleyrodes naramiae* (Homoptera)
- Tetraleyrodes mori* (Homoptera)
- Unaspis citri* (Homoptera)
- Vinsonia stellifera* (Homoptera)

COCOS:

- Aonidiella inornata* (Homoptera)
- Aspidiotus coryphae* (Homoptera)
- Aspidiotus destructor* (Homoptera)
- Aspidiotus spinosus* (Homoptera)
- Chrysomphalus albopictus* (Homoptera)
- Chrysomphalus personatus* (Homoptera)
- Dacus dorsalis* (?) (Diptera)
- Furcaspis oceanicus* (Homoptera)
- Phenacaspis sandwicensis* (?) (Homoptera)
- Pseudococcus palmarum* (Homoptera)

CODIAEUM:

- Asterolecanium pustulans* (Homoptera)
- Coccus copparidis* (Homoptera)
- Lepidosaphes tokionis* (Homoptera)
- Parlatoria crotonis* (Homoptera)

COFFEA:

- Coccus viridis* (Homoptera)

CORIANDRUM:

- Cardioscarta miniaticeps* (Homoptera)
- Systole geniculata* (Hymenoptera)

CORYPHANTHA:

- Gerstaeckeria bifasciata* (Coleoptera)

CRATAEGUS:

- Acalypta musci* (Hemiptera)
- Apion flavipes* (Coleoptera)
- Grapholitha packardii* (Lepidoptera)
- Gymnaetron becabunae nigrum* (Coleoptera)
- Hypera pedestris* (Coleoptera)
- Hypera rumicis* (Coleoptera)
- Lema cyanella* (Coleoptera)
- Lema melanopa* (Coleoptera)
- Phyllotreta atra* (Coleoptera)
- Phyllotreta undulata* (Coleoptera)
- Phytobius quadrilobulatus* (Coleoptera)
- Rhagoletis pomonella* (?) (Diptera)
- Rhinoncus bruchoides* (Coleoptera)
- Rhynchonellus fagi* (Coleoptera)
- Rufidosoma fallax* (Coleoptera)

CROCUS:

- Rhopalosiphoninus tulipaella* (Homoptera)

CRYPTOMERIA:

- Aspidiotus cryptomeriae* (Homoptera)

CUCUMIS:

- Dacus cucurbitae* (Diptera)
- Diaphania nitidalis* (Lepidoptera)

CUCURBITA:

- Dacus cucurbitae* (Diptera)
- Diaphania hyalinata* (Lepidoptera)
- Diaphania nitidalis* (Lepidoptera)

CUPRESSUS:

- "*Poliaspis*" *pini* (Homoptera)

CYDONIA:

- Anastrepha ludens* (Diptera)
- Aspidiotus diffinis* (Homoptera)
- Ceratitidis capitata* (Diptera)

CYMBIDIUM:

- Eutornicus congener* (Coleoptera)
- Furcaspis biformis* (Homoptera)
- Lepidosaphes tuberculata* (Homoptera)
- Lethaeus aeruginosus* (Hemiptera)

CYMBIDIUM—Continued

- Pseudonidia curculiginis* (Homoptera)

CYNARA:

- Apion carduorum* (Coleoptera)
- Psila rosae* (Diptera)

CYPRIPEDIUM:

- Coccus capparidis* (Homoptera)

CYTISUS:

- Sparticus villosus* (Coleoptera)

DAHIA:

- Brachyrhinus sulcatus* (Coleoptera)
- Prodenia ornithogalli* (Lepidoptera)
- Tetraleyrodes mori* (Homoptera)

DAISY:

- Chlorochroa ligata* (Hemiptera)

DALBERGIA:

- Nasutitermes corniger* (Isoptera)

DAUCUS:

- Phalonia zephyrana* (Lepidoptera)

DENDROBIUM:

- Ferrisiana virgata* (Homoptera)

DIANTHUS:

- Anuraphis helichrysi* (Homoptera)
- Forficula auricularia* (Dermaptera)
- Haplothrips cotti* (Thysanoptera)
- Sericophanes ocellatus* (Hemiptera)
- Strophosoma melanogramma* (Coleoptera)
- Thrips fuscipectus* (Thysanoptera)

DIOSCOREA:

- Palaeopus costicollis* (Coleoptera)
- "*Targionia*" *hartii* (Homoptera)

DIOSPYROS:

- Ceratitidis capitata* (Diptera)

DRYOPTERIS:

- Acalypta nycalis* (Hemiptera)

ECHEVERIA:

- Chrysobothris mali* (Coleoptera)
- Eumysia stigmella* (Lepidoptera)

ECHINOCEREUS:

- Ferrisiana virgata* (Homoptera)

ELEOCHARIS:

- Coptotermes formosanus* (Isoptera)

EPIDENDRUM:

- Asterolecanium epidendri* (Homoptera)
- Chrysomphalus nigropunctatus* (Homoptera)
- Chrysomphalus umboniferus* (Homoptera)
- Cleogonus armatus* (Coleoptera)
- Conchaspis angraci* (Homoptera)
- Crophius scabrosus* (Hemiptera)
- Forficula auricularia* (Dermaptera)
- Furcaspis biformis* (Homoptera)
- Pseudoschnaspis alienus* (Homoptera)
- Tenthetoris distinguendus* (Hemiptera)
- Vinsonia stellifera* (Homoptera)
- Zygogramma piceicollis* (Coleoptera)

ERICA:

- Taeniothrips ericae* (Thysanoptera)

ERIOBOTRYA:

- Ceratitidis capitata* (Diptera)

ERYTHRINA:

- Corcyra cephalonica* (Lepidoptera)
- Specularius impressithorax* (Coleoptera)

EUGENIA:

- Anastrepha mombinpraeoptans* (Diptera)

EUONYMUS:

- Unaspis euonymi* (Homoptera)

EUPHORBIA:

- Liriomyza pusilla* (Diptera)

- Ferrisiana virgata* (Homoptera)

EUPHORIA:

- Dacus dorsalis* (Diptera)

FICUS:

- Ceratitidis capitata* (Diptera)
- Ceroplastes ruscii* (Homoptera)
- Lepidosaphes ficus* (Homoptera)

FRAXINUS:

- Eurytoma crassineura* (Hymenoptera)
- Leperisinus fraxini* (Coleoptera)

GARDENIA:

- Aleurocanthus woglumi* (Homoptera)
- Aleuroparadoxus gardeniae* (Homoptera)
- Aleurothrixus myrtacei* (Homoptera)
- Ceroplastes rubens* (Homoptera)
- Coccus viridis* (Homoptera)
- Eucalymnatus tessellatus* (Homoptera)
- Ferrisiana virgata* (Homoptera)
- Protopulvinaria longivalvata* (Homoptera)

Hosts and insects—Continued

GARDENIA—Continued

- Protopulvinaria pyriformis* (Homoptera)
Taeniothrips hawaiiensis (Thysanoptera)

GENISTA:

- Haplothrips gowdeyi* (Thysanoptera)

GLADIOLUS:

- Chirothrips manicatus* (Thysanoptera)
Nemopogon granella (Lepidoptera)
Polydortomyia curripes (Diptera)
Taeniothrips simplex (Thysanoptera)

GONGORA:

- Vinsonia stellifera* (Homoptera)

GOSSYPIUM:

- Corcyra cephalonica* (Lepidoptera)
Pectinophora gossypiella (Lepidoptera)
Sinozylon anale (Coleoptera)
Stenogrinum quadrinotatum (Coleoptera)

GRAMINEAE:

- Antonina graminis* (Homoptera)
"Targionia" sacchari (Homoptera)

GYNERIUM:

- "Targionia" sacchari* (Homoptera)

HEDYSARUM:

- Bruchidius gilvus* (Coleoptera)

HELICHRYSUM:

- Ferrisiana virgata* (Homoptera)

HERITIERA:

- Cyamobolus palawanicus* (Coleoptera)

HIBISCUS:

- Callosobruchus maculatus* (Coleoptera)
Ferrisiana virgata (Homoptera)
Pealius hibisci (Homoptera)
Pectinophora gossypiella (Lepidoptera)
Phenacoccus gossypii (Homoptera)
Pseudanodina clavifera (Homoptera)
Tetraleurodes mori (Homoptera)

HYACINTHUS:

- Forficula auricularia* (Dermaptera)

ILEX:

- Anastrepha mombinpraepotans* (Diptera)

IPOMOEA:

- Cylas formicarius* (Coleoptera)
Cylas formicarius subspecies (?) (Coleoptera)
Cylas formicarius var. (Coleoptera)
Cylas formicarius elegantulus (Coleoptera)
Cylas puncticollis (Coleoptera)
Euscepes postfasciatus (Coleoptera)
Megacerus contaminatus (Coleoptera)
Phenacoccus gossypii (Homoptera)

IRESINE:

- Ceroplastes cirripediformis* (Homoptera)

IRIS:

- Endrosis lactella* (Lepidoptera)

JASMINUM:

- Aonidiella citrina* (Homoptera)

JUNIPERUS:

- Lepidosaphes pallida* (Homoptera)
Raphidopalpa femoralis (Coleoptera)

KERRIA:

- Allantus cinctus* (Hymenoptera)

KHAYA:

- Cordylomera spinicornis* (Coleoptera)
Fulvius oxycarenoides (Hemiptera)

LABURNUM:

- Sparteus villosus* (Coleoptera)

LAELIA:

- Acroleucus vicinalis* (Hemiptera)
Asterolecanium epidendri (Homoptera)
Calligrapha diversa (Coleoptera)
Chrysomphalus nigropunctatus (Homoptera)
Coccus pseudohesperidum (Homoptera)
Crophius costatus (Hemiptera)
Crophius scabrosus (Hemiptera)
Diorymerellus laetmargo (Coleoptera)
Dysdercus minutus (Hemiptera)
Epilachna varipestis (Coleoptera)
Eurytoma orchidearum (Hymenoptera)
Epitochiomeria albomaculata (Hemiptera)
Heteraeus guttatus (Hemiptera)
Ligyrocoris abdominalis (Hemiptera)
Ozophora consanguineus (Hemiptera)
Phelypera distigma (Coleoptera)
Pseudischinaspis alienus (Homoptera)
Reticulitermes flavipes (Isoptera)
Tempyra biguttula (Hemiptera)
Tenthecoris angustimarginatus (Hemiptera)
Tenthecoris bicolor (Hemiptera)

LAELIA—Continued

- Tenthecoris confusus* (Hemiptera)
Zygogramma picetollis (Coleoptera)

LARIX:

- Ceroplastes japonicus* (Homoptera)

LATHYRUS:

- Bruchus tristictulus* (Coleoptera)
Callosobruchus chinensis (Coleoptera)
Nysius minutus (Hemiptera)
Pantomorus godmani (Coleoptera)

LAURACEAE:

- Aleuroglanululus emmae* (Homoptera)

LAURUS:

- Pantomorus godmani* (Coleoptera)
Protopulvinaria pyriformis (Homoptera)
Vinsonia stellifera (Homoptera)

LAVANDULA:

- Acalypta platychila* (Hemiptera)
Hofmannophila pseudospretella (Lepidoptera)

LENS:

- Bruchus ervi* (Coleoptera)
Bruchus lentis (Coleoptera)
Bruchus signaticornis (Coleoptera)
Bruchus ulicis (Coleoptera)

LILIUM:

- Liothrips naneckei* (Thysanoptera)
Ferrisiana virgata (Homoptera)
Setomorpha rutella (Lepidoptera)
Teranonus spatulatus (Homoptera)

LIMONIUM:

- Lygus oblineatus* (Hemiptera)

LIVISTONA:

- Aspidiotus destructor* (Homoptera)

LYCASTE:

- Eucacophagus aurocinctus* (Coleoptera)
Plagiodera atritarsis (Coleoptera)

LYCOPERSICON:

- Anelaphus truncatus* (Coleoptera)
Arvelius albopunctatus (Hemiptera)
Ceratitis capitata (?) (Diptera)
Cyrtopeltis varians (Hemiptera)
Dacus cucurbitae (Diptera)
Dysdercus minutus (Hemiptera)
Epitochiomeria albomaculata (Hemiptera)
Japetus sphaeroides (Hemiptera)
Ligyrocoris abdominalis (Hemiptera)
Ligyrocoris aurivilliana (Hemiptera)
Lineodes integra (Lepidoptera)
Neoleucinodes elegantalis (Lepidoptera)
Physonota attenuata (Coleoptera)
Platynota rostrana (Lepidoptera)
Platynota stultana (Lepidoptera)
Zabrotes subfasciatus (Coleoptera)

MALUS:

- Anastrepha ludens* (Diptera)
Carposina sasakii (Lepidoptera)
Ceratitis capitata (Diptera)
Grapholitha molesta (Lepidoptera)
Lecanium coryli (Homoptera)
Myeloides ceratoniae (Lepidoptera)
Parlatoria oleae (Homoptera)
Rhagoletis pomonella (Diptera)
Sitona lineata (Coleoptera)
Typhlocyba froggatti (Homoptera)

MAMMEA:

- Anastrepha serpentina* (Diptera)
Aspidiotus spinosus (Homoptera)

MAMMILLARIA:

- Gerstaeckeria mutilaria* (Coleoptera)
Ferrisiana virgata (Homoptera)
Sizeonotus luteiceps (Hemiptera)

MANGIFERA:

- Anastrepha ludens* (Diptera)
Anastrepha mombinpraepotans (Diptera)
Aulacaspis cinnamomi (Homoptera)
Ceratitis capitata (Diptera)
Cryptorhynchus mangiferae (Coleoptera)
Dacus dorsalis (Diptera)
Phenacaspis sandwicensis (?) (Homoptera)

MEROSTACHYS:

- Eucalandra setulosa* (Coleoptera)
Renocis mexicanus (Coleoptera)

MILTONIA:

- Ferrisiana virgata* (Homoptera)
Tenthecoris balloui (Hemiptera)

MONSTERA:

- Chrysomphalus tenax* (Homoptera)

*Hosts and insects—Continued***MORUS:**

- Asterolecanium pustulans* (Homoptera)
- Dryotribus mimeticus* (Coleoptera)
- Leptostylus incrassatus* (Coleoptera)
- Oosternum costatum* (Coleoptera)

MUSA:

- Aspidiotus destructor* (Homoptera)
- Aspidiotus palmeae* (Homoptera)
- Aspidiotus spinosus* (Homoptera)
- Calligrapha multipustulata* (Coleoptera)
- Chrysomphalus albopictus* (Homoptera)
- Chrysomphalus scutiformis* (Homoptera)
- Chrysomphalus umboniferus* (Homoptera)
- Cosmopolites sordidus* (Coleoptera)
- Cyrtanota tristigma* (Coleoptera)
- Dacus dorsalis* (Diptera)
- Ferrisia virgata* (Homoptera)
- Lygus elisus* (Hemiptera)
- Metcometopus jansoni* (Coleoptera)
- Metamasius sericeus* (Coleoptera)
- Metamasius sericeus* var. (Coleoptera)
- Metrona tuberculata* (Coleoptera)
- Nasutitermes corniger* (Isoptera)
- Phenacoccus gossypii* (Homoptera)
- Physonota mexicana* (Coleoptera)
- Platoceticus symmetrica* (Lepidoptera)
- Platycaenus humilis* (Hemiptera)
- Sibine stimulea* (Lepidoptera)

MUSCARI:

- Exosoma lusitanica* (Coleoptera)

NARCISSUS:

- Endrosis lactella* (Lepidoptera)
- Silona lineata* (Coleoptera)

NEPETA:

- Phylomyza obscurella nigrifella* (Diptera)

NERIUM:

- Chaetoptilius vestitus* (Coleoptera)
- Morganella longispina* (Homoptera)
- Sinozyon serdentatum* (Coleoptera)

OCTOMERIA:

- Coccus pseudohesperidum* (Homoptera)

ODONTOGLOSSUM:

- Diorymerellus laevimargo* (Coleoptera)
- Pseudoparlatoria ostreata* (Homoptera)
- Tenthecoris vestitus* (Hemiptera)

OLEA:

- Dacus oleae* (Diptera)
- Eurytoma oleae* (Hymenoptera)

ONCIDIUM:

- Conchaspis angraeci* (Homoptera)
- Furcaspis biformis* (Homoptera)
- Pseudischnaspis alienus* (Homoptera)
- Pseudococcus virgata* (Homoptera)
- Pseudoparlatoria ostreata* (Homoptera)
- Vinsonia stellifera* (Homoptera)

OPUNTIA:

- Ceratitis capitata* (Diptera)
- Pseudoparlatoria ostreata* (Homoptera)

ORCHID:

- Acroleucus vicinalis* (Hemiptera)
- Acrolophus superstes* (Lepidoptera)
- Alcaeorrhynchus grandis* (Hemiptera)
- Alpheias conspirata* (Lepidoptera)
- Anthonomus albobineatus* (Coleoptera)
- Anthonomus baridoides* (Coleoptera)
- Asterolecanium epidendri* (Homoptera)
- Asterolecanium pustulans* (Homoptera)
- Atteblabus corvinus* (Coleoptera)
- Berecynthus delirator* (Hemiptera)
- Calligrapha diversa* (Coleoptera)
- Calligrapha felina* (Coleoptera)
- Calligrapha limbaticollis* (Coleoptera)
- Calligrapha notatipennis* (Coleoptera)
- Camirus conicus* (Hemiptera)
- Caulophilus latinasus* (Coleoptera)
- Chelymophra comata* (Coleoptera)
- Chrysomphalus nigropunctatus* (Homoptera)
- Chrysomphalus umboniferus* (Homoptera)
- Cleogonus armatus* (Coleoptera)
- Cligenes delineata* (Hemiptera)
- Conchaspis angraeci* (Homoptera)
- Coptocycla semiatrata* (Coleoptera)
- Crophius scabrosus* (Hemiptera)
- Cryphula apicatus* (Hemiptera)
- Diabrotica figurata* (Coleoptera)
- Diorymerellus laevimargo* (Coleoptera)
- Dysdercus ruficollis* (Hemiptera)

ORCHID—Continued

- Eucalandra setulosa* (Coleoptera)
- Eurytoma orchidearum* (Hymenoptera)
- Erpochiomeria albomaculata* (Hemiptera)
- Erpochiomeria tumens* (Hemiptera)
- Faustinus rhombifer* (Coleoptera)
- Fulvius anthocorides* (Hemiptera)
- Furcaspis biformis* (Homoptera)
- Galgapha punctifer* (Hemiptera)
- Galgapha quadrisignata* (Hemiptera)
- Galgapha texana* (Hemiptera)
- Iridomyrmex humilis* (Hymenoptera)
- Ligyrocoris abdominalis* (Hemiptera)
- Ligyrocoris litigiosus* (Hemiptera)
- Lygaeus circumplexus* (Hemiptera)
- Lygaeus pusio* (Hemiptera)
- Lygaeus vitticollis* (Hemiptera)
- Macrocephalus notatus* (Hemiptera)
- Macrocephalus stali* (Hemiptera)
- Macropygium reticulare* (Hemiptera)
- Mecolaiminus carnalhoi* (Hemiptera)
- Metamasius sericeus carbonarius* (Coleoptera)
- Mormidea v-luteum* (Hemiptera)
- Myodocha longicollis* (Hemiptera)
- Nasutitermes corniger* (Isoptera)
- Neocatantus vegelus* (Hemiptera)
- Nysius basalis* (Hemiptera)
- Ogdocosta biannularis* (Coleoptera)
- Ogdocosta juvenca* (Coleoptera)
- Oosternum costatum* (Coleoptera)
- Oryzaenus bicolor* (Hemiptera)
- Ozophora consanguineus* (Hemiptera)
- Pachycoris torridus* (Hemiptera)
- Parlatoria pseudaspidiotus* (Homoptera)
- Phatnoma annulipes concisa* (Hemiptera)
- Phelypera distigma* (Coleoptera)
- Physonota attenuata* (Coleoptera)
- Plagioderia atritarsis* (Coleoptera)
- Plagioderia congesta* (Coleoptera)
- Plagioderia semivittata* (Coleoptera)
- Plagioderia thymaloides* (Coleoptera)
- Platycaenus humilis* (Hemiptera)
- Pseudischnaspis alienus* (Homoptera)
- Puto mexicanus* (Homoptera)
- Reticulitermes flavipes* (Isoptera)
- Selomorpha rutella* (Lepidoptera)
- Sisamnes contractus* (Hemiptera)
- Stilodes caelebs* (Coleoptera)
- Tenthecoris angustimarginatus* (Hemiptera)
- Tenthecoris bicolor* (Hemiptera)
- Tenthecoris confusus* (Hemiptera)
- Tenthecoris distinctus* (Hemiptera)
- Tenthecoris exilisus* (Hemiptera)
- Tenthecoris venezuelensis* (Hemiptera)
- Tenthecoris vestitus* (Hemiptera)
- Trochuda raspa* (Lepidoptera)
- Tyrtomimus rufotestaceus* (Coleoptera)
- Vinsonia stellifera* (Homoptera)
- Zabrotes subfasciatus* (Coleoptera)
- Zygogramma obscurifasciata* (Coleoptera)
- Zygogramma piceicollis* (Coleoptera)

ORYZA:

- Chilo simplex* (Lepidoptera)
- Coreya cephalonica* (Lepidoptera)
- Prodenia ornithogalli* (Lepidoptera)

OSMANTHUS:

- Dialeurodes citri* (Homoptera)

PALM:

- Aspidiotus destructor* (Homoptera)
- Caryoborus serripes* (Coleoptera)
- Coccotrypes pygmaeus* (Coleoptera)
- Icerya zetekii* (Homoptera)
- Leucaspis cockerelli* (Homoptera)

PASTINACA:

- Psila rosae* (Diptera)

PELARGONIUM:

- Phenacoccus gossypii* (Homoptera)

PERSEA:

- Anastrepha ludens* (Diptera)
- Aspidiotus destructor* (Homoptera)
- Aspidiotus spinosus* (Homoptera)
- Caulophilus latinasus* (Coleoptera)
- Ceratitis capitata* (?) (Diptera)
- Chrysomphalus albopictus* (Homoptera)
- Comotrachelus aguacatae* (Coleoptera)
- Comotrachelus perseae* (Coleoptera)
- Dacus dorsalis* (Diptera)
- Nysius raphanus* (Hemiptera)

Hosts and insects—Continued

PERSEA—Continued

Stenoma catenifer (Lepidoptera)

PETROSELINUM:

Euleia heraclei (Diptera)

PHALAEENOPSIS:

Furcaspis biformis (Homoptera)

PHASEOLUS:

Acanthoscelides armitagei (Coleoptera)*Agromyza virens* (Diptera)*Apion godmani* (Coleoptera)*Bradybaena similis* (Mollusca)*Callosobruchus chinensis* (Coleoptera)*Callosobruchus maculatus* (Coleoptera)*Chlorochroa ligata* (Hemiptera)*Coptocycla dorsopunctata* (Coleoptera)*Dacus cucurbitae* (Diptera)*Epinotia opposita* (Lepidoptera)*Fundella pellucens* (Lepidoptera)*Maruca testulalis* (Lepidoptera)*Phytomyza atricornis* (Diptera)*Zabrotes subfasciatus* (Coleoptera)

PHILODENDRON:

Aspidiotus palmae (Homoptera)*Chrysomphalus tenax* (Homoptera)*Furcaspis biformis* (Homoptera)*Lepidosaphes carinata* (Homoptera)*Pseudoparlatoria ostreata* (Homoptera)

PHOENIX:

Coccotrypes dactyliperda (Coleoptera)

PHYSALIS:

Gnorimoschema lavernella (Lepidoptera)*Nysius minutus* (Hemiptera)*Rhagoletis striatella* (?) (Diptera)

PHYTELEPHAS:

Coccotrypes dactyliperda (Coleoptera)

PICEA:

Dioryctria abietella (Lepidoptera)*Hylurgops palliatus* (Coleoptera)*Ips typographus* (Coleoptera)*Pityogenes chalcographus* (Coleoptera)*Polygraphus poligraphus* (Coleoptera)

PIMENTA:

Aleurotrachelus trachoides (Homoptera)

PINUS:

Callosobruchus maculatus (Coleoptera)*Ferrisiana virgata* (Homoptera)*Hylurgops palliatus* (Coleoptera)*Ips typographus* (Coleoptera)*Molorchus minor* (Coleoptera)*Pityogenes chalcographus* (Coleoptera)*Pogonocherus fasciculatus* (Coleoptera)*"Poliaspis" pini* (Homoptera)*Pseudococcus pini* (Homoptera)*Ptochoryctis tsugensis* (Lepidoptera)*Stephanopachys rugosus* (Coleoptera)

PISUM:

Bruchus emarginatus (Coleoptera)*Callosobruchus analis* (Coleoptera)*Callosobruchus chinensis* (Coleoptera)*Callosobruchus maculatus* (Coleoptera)*Frankliniella insularis* (Thysanoptera)

PITHECOLLOBIUM:

Merobruchus flexicaulis (Coleoptera)

PITTOSPORUM:

Ceroplastes rubens (Homoptera)

PLUMERIA:

Aspidiotus diffinis (Homoptera)*Aspidiotus herculeanus* (Homoptera)*Protopulvinaria pyriformis* (Homoptera)

POGA:

Bostrychoplites cornutus (Coleoptera)

PORTULACA:

Celerio lineata (Lepidoptera)*Eutettix tenellus* (Homoptera)*Heliodines bella* (Lepidoptera)*Loxostege similis* (Lepidoptera)*Nysius minutus* (Hemiptera)

PRIMULA:

Acalypta mera (Hemiptera)*Scolopostethus affinis* (Hemiptera)

PROSOPIS:

Algarobius prosopis (Coleoptera)

PRUNUS ARMENIACA:

Ceratitis capitata (Diptera)*Grapholitha molesta* (Lepidoptera)

PRUNUS DOMESTICA:

Ceratitis capitata (Diptera)*Iridomyrmex humilis* (Hymenoptera)*Parlatoria oleae* (Homoptera)

PRUNUS PERSICA:

Anastrepha ludens (Diptera)*Ceratitis capitata* (Diptera)*Ceratitis rosa* (Diptera)*Grapholitha molesta* (Lepidoptera)*Parlatoria oleae* (Homoptera)*Scolytus rugulosus* (Coleoptera)

PRUNUS SP. (cherry):

Rhagoletis cerasi (Diptera)

PRUNUS SP.:

Parlatoria theae (Homoptera)

PSIDIUM:

Anastrepha fraterculus (?) (Diptera)*Anastrepha mombinpraeoptans* (Diptera)*Anastrepha striata* (Diptera)*Anastrepha suspensa* (Diptera)*Dacus dorsalis* (Diptera)*Tetraleurodes mori* (Homoptera)

PUNICA:

Forficula auricularia (Dermaptera)*Myelois ceratoniae* (Lepidoptera)

PYRUS:

Anastrepha ludens (Diptera)*Ceratitis capitata* (Diptera)*Lepidosaphes conchiformis* (Homoptera)*Parlatoria oleae* (Homoptera)

QUERCUS:

Callirhytis sonoreae (Hymenoptera)*Conotrachelus integer* (Coleoptera)*Curculio q-griseae* (Coleoptera)*Laspeyresia splendana* (Lepidoptera)*Scolytus intricatus* (Coleoptera)

RAPHANUS:

Desmothrips australis (Thysanoptera)*Eeergestis rimosalis* (Lepidoptera)*Hyphantria cunea* (Lepidoptera)*Nysius minutus* (Hemiptera)*Nysius raphanus* (Hemiptera)

RHODODENDRON:

Barypeithes pellucidus (Coleoptera)*Ceroplastes rubens* (Homoptera)*Chaetocnema hortensis* (Coleoptera)*Dialeurodes chittendeni* (Homoptera)*Gracilaria azaleella* (Lepidoptera)*Pealius rhododendri* (Homoptera)*Sitona lineata* (Coleoptera)*Stephanitis pyroides* (Hemiptera)*Vesiculaphis caricis* (Homoptera)

RHYNCHOSTYLIS:

Lepidosaphes latero-chitina (Homoptera)

RODRIGUEZIA:

Furcaspis biformis (Homoptera)

RORIPPA:

Corimelaena minutissima (Hemiptera)*Eeergestis rimosalis* (Lepidoptera)*Heliodines bella* (Lepidoptera)

ROSA:

Acanthoscelides quadridentatus (Coleoptera)*Allantus cinctus* (Hymenoptera)*Aonidiella citrina* (Homoptera)*Frankliniella insularis* (Thysanoptera)*Frankliniella moultoni* (Thysanoptera)*Haplothrips gowdeyi* (Thysanoptera)*Rhagoletis alternata* (Diptera)*Taeniothrips simplex* (Thysanoptera)*Xanthonia guatemalensis* (Coleoptera)

RUBUS:

Bembecia marginata (Lepidoptera)

SACCHARUM:

Diatraea saccharalis (Lepidoptera)*"Targionia" sacchari* (Homoptera)

SAMBUCUS:

Micropate labialis (Coleoptera)*Pityophthorus coronarius* (Coleoptera)*Rhopalophora incrustata* (Coleoptera)

SAPOTE:

Anastrepha ludens (Diptera)

SCHOMBURGKIA:

Furcaspis biformis (Homoptera)*Lepidosaphes tuberculata* (Homoptera)*Vinsonia stellifera* (Homoptera)

SCILLA:

Endrosis lactella (Lepidoptera)

Hosts and insects—Continued

SEDUM:

Targionia yuccarum (Homoptera)

SMILAX:

Pseudonidia tessera (Homoptera)

SOIL:

Anastrepha suspensa (Diptera)

Cassida flaveola (Coleoptera)

Ceutorhynchus quadridens (Coleoptera)

Dolopius marginatus (Coleoptera)

Hypera postica (Coleoptera)

Iridomyrmex humilis (Hymenoptera)

Pantomorus godmani (Coleoptera)

Phyllobius intrusus (Coleoptera)

Pnyxia scabiei (Diptera)

Psila rosae (Diptera)

Reticulitermes flavipes (Isoptera)

SOLANUM MELONGENA:

Trichobaris mucorea (Coleoptera)

SOLANUM TUBEROSUM:

Epicaerus cognatus (Coleoptera)

Gnorimoschema plaesiosema (Lepidoptera)

Premnotrypes solani (?) (Coleoptera)

Premnotrypes vorax (Coleoptera)

SOPHRONITIS:

Tenthecoris bicolor (Hemiptera)

SORBUS:

Parlatoria oleae (Homoptera)

SORGHUM:

Diatraea saccharalis (Lepidoptera)

Hofmannophila pseudospretella (Lepidoptera)

Pyrausta nubilalis (Lepidoptera)

Sesamia cretica (Lepidoptera)

SPINACIA:

Nysius minutus (Hemiptera)

SPONDIAS:

Amphicerus cornutus (Coleoptera)

Anastrepha mombinpraeoptans (Diptera)

Aspidiotus destructor (Homoptera)

Aspidiotus herculeanus (Homoptera)

Brentus anchorago (Coleoptera)

Dryoctenes scrupulosus (Coleoptera)

Dysides obscurus (Coleoptera)

Sosylus terminalis (Coleoptera)

STANTHOPEA:

Tenthecoris distinctus (Hemiptera)

Vinsonia stellifera (Homoptera)

STENOCACTUS:

Setomorpha rutella (Lepidoptera)

STENOLOBIUM:

Coccus viridis (Homoptera)

STRELITZIA:

Phenacaspis sandwicensis (?) (Homoptera)

Pinnaspis buxi (Homoptera)

SYNGONIUM:

Pinnaspis buxi (Homoptera)

SYRINGA:

Aonidiella citrina (Homoptera)

TAMARINDUS:

Caryedon fuscus (Coleoptera)

Myelois ceratoniae (Lepidoptera)

TAMARIX:

Ceroplastes japonicus (Homoptera)

TILIA:

Ernoporus tiliae (Coleoptera)

TII, LANDSIA:

Tychius inermis (Coleoptera)

TRICHOCAULON:

Trionymus lounsburyi (Homoptera)

TRICHOLOTTIS:

Ferrissiana virgata (Homoptera)

TRIGONIDIUM:

Vinsonia stellifera (Homoptera)

TULIPA:

Endrosis lactella (Lepidoptera)

Nemopogon granella (Lepidoptera)

Rhopalosiphoninus tulipaella (Homoptera)

ULEX:

Hofmannophila pseudospretella (Lepidoptera)

ULMUS:

Pteleobius rittatus (Coleoptera)

VACCINIUM:

Rhopobota naevana (Lepidoptera)

VANDA:

Ferrissiana virgata (Homoptera)

Furcaspis biformis (Homoptera)

Meristata dohrni (Coleoptera)

Meristata trifasciata (Coleoptera)

Parlatoria pseudaspidiotus (Homoptera)

Pseudonidia tessera (Homoptera)

Pseudococcus lilacinus (Homoptera)

Pulvinaria psidii (Homoptera)

VICIA:

Apica cracca (Coleoptera)

Apion pomonae (Coleoptera)

Bruchidius incarnatus (Coleoptera)

Bruchus brachialis (Coleoptera)

Bruchus dentipes (Coleoptera)

Bruchus guttalis (Coleoptera)

Bruchus luteicornis (Coleoptera)

Bruchus rufipes (Coleoptera)

Bruchus tristriculus (Coleoptera)

Callosobruchus chinensis (Coleoptera)

VIGNA:

Callosobruchus chinensis (Coleoptera)

Callosobruchus maculatus (Coleoptera)

VITIS:

Ceratitis capitata (Diptera)

Euxesta quaternaria (Diptera)

Lema bilineata (Coleoptera)

Leptoglossus chilensis (Hemiptera)

Parlatoria oleae (Homoptera)

Phylctinus callosus (Coleoptera)

Rhinoneus perpendicularis (Coleoptera)

WARSCIEWICZELLA:

Coccus pseudohesperidum (Homoptera)

ZEA:

Chaetopsis fulvifrons (Diptera)

Diatraea crambidoides (Lepidoptera)

Diatraea saccharalis (Lepidoptera)

Euxesta stigmatalis (Diptera)

Lophocaretes pusillus (Coleoptera)

Moodna bisinuella (Lepidoptera)

Host unknown

AIRPLANE:

Nysius dallasi (Hemiptera)

Nysius minutus (Hemiptera)

Parozyna sororcula (Diptera)

Tephritis genalis (Diptera)

Xyllobius texanus (Coleoptera)

BASKET:

Diaphania nitidalis (Lepidoptera)

BAY (?):

Vinsonia stellifera (Homoptera)

BEAN:

Agrocorota propinqua (Coleoptera)

Bruchus tristis (Coleoptera)

Callosobruchus chinensis (Coleoptera)

Callosobruchus maculatus (Coleoptera)

Callosobruchus phaseoli (Coleoptera)

Zabrotes subfasciatus (Coleoptera)

CASE OF FOOD:

Ceratitis capitata (Diptera)

CONIFER SLAT:

Pogonocherus fasciculatus (Coleoptera)

CUTTINGS:

Aonidiella inornata (Homoptera)

Ceroplastes cirripediformis (Homoptera)

Ferrissiana virgata (Homoptera)

Pseudonidia tessera (?) (Homoptera)

DECK NEAR GARBAGE:

Anastrepha ludens (Diptera)

FERN:

Ceroplastes rubens (Homoptera)

FOREST LITTER:

Lepidosaphes spinosai (Homoptera)

GRASS:

Aspidiotus subchortinus (Homoptera)

"*Targionia*" *sacchari* (Homoptera)

HERB:

Conotrachelus seniculus (Coleoptera)

Synchlora aerata (Lepidoptera)

LEAF:

Aspidiotus destructor (Homoptera)

Tetraleurodes mori (Homoptera)

Trialeurodes vaporariorum (Homoptera)

Host unknown—Continued

LEGUME:

Brachyacma palpigera (Lepidoptera)

LOG:

Boraxylon stephegynis (Coleoptera)
Coelosternus consputus (Coleoptera)
Fulvius brevicornis (Hemiptera)
Platypus rugulosus (Coleoptera)

MANDADO BAG:

Zabrotes subfasciatus (Coleoptera)

MOSS AND FOREST LITTER:

Apion flavipes (Coleoptera)
Cassida nebulosa (Coleoptera)
Cassida nobilis (Coleoptera)
Ceutorhynchus erysimi (Coleoptera)
Chlorochroa juniperina (Hemiptera)
Cymus melanocephalus (Hemiptera)
Eurydema oleraceum (Hemiptera)
Hypera nigririctris (Coleoptera)
Longitarsus melanocephalus (Coleoptera)
Phytobius quadratuberculatus (Coleoptera)
Rhinoncus bruchoides (Coleoptera)
Sibinia potentillae (Coleoptera)
Streptosoma rufipes (Coleoptera)
Ulopa reticulata (Homoptera)

MOSS AND SOIL PACKING:

Rhinoncus pericarpus (Coleoptera)

MULTIFLOWERED LEI:

Taeniothrips hawaiiensis (Thysanoptera)

PLANT:

Aleurotuberculatus aucubae (Homoptera)
Asterolecanium pustulans (Homoptera)
Dialeurodes kirkaldyi (Homoptera)
Ferrisiana virgata (Homoptera)

RETURNED MILITARY EQUIPMENT:

Achatina fulica (Mollusca)

SAWDUST PACKING:

Forficula auricularia (Dermaptera)

SEED:

Anastrepha ludens (Diptera)
Merobruchus julianus (Coleoptera)

SHRUB:

Ceutorhynchus floralis (Coleoptera)
Phyllotreta undulata (Coleoptera)
Sitona lineata (Coleoptera)

STRAW PACKING:

Hoffmannophila pseudospretella (Lepidoptera)

SUITCASE:

Kaletermes marginipennis (Isoptera)

VINE:

Eusepes postfasciatus (Coleoptera)

WOOD:

Acanthoderes circumflexa (Coleoptera)
Amphicerus cornutus (Coleoptera)
Amyssonotum rastratum flexum (Hemiptera)
Cryptotermes brevis (Isoptera)
Heteroboscrychus aequalis (Coleoptera)
Micrapate brasiliensis (Coleoptera)
Synoryzom anale (Coleoptera)
Xylopsocus castanoptera (Coleoptera)

Countries of origin and insects

ALGERIA:

Ceratitis capitata

ANGLO-EGYPTIAN SUDAN:

Synoryzom anale

ARGENTINA:

Acanthoscelides armitagei
Anastrepha fraterculus
Ceratitis capitata
Diatraea saccharalis
Euxesta quaternaria
Nysius simulans
Parlatoria cinerea
Parlatoria oleae
Pseudoscorpionia trilobitiformis
Tenthecoris venezuelensis
Typhlocyba froggatti

ARUBA:

Anastrepha mombinpraeoptans

AUSTRALIA:

Ceratitis capitata
Desmothrips australis
Lepidosaphes tuberculata
Orycaerus bicolor

AZORES:

Ceratitis capitata
Dacus oleae
Iridomyrmex humilis
Pantomorus godmani
 "Targionia" bromiliae

BAHAMAS:

Aleurotrachelus trachoides
Anastrepha mombinpraeoptans
Aspidiotus destructor
Asterolecanium pustulans
Callosobruchus chinensis
Callosobruchus maculatus
Coccus capparidis
Coccus viridis
Dryotribus mimeticus
Lepidosaphes tokionis
Leptostylus incrassatus
Morganella longispina
Oosternum costatum
Unaspis citri

BARBADOS:

Brachyacma palpigera
Haplothrips gowdeyi
Protopulvinaria puriformis
 "Targionia" hartii
Vinsonia stellifera

BELGIAN CONGO:

Specularius impressithorax

BELGIUM:

Evergestis forficalis
Gracilaria azaleella
Hoffmannophila pseudospretella
Laspeyresia splendana
Lepidosaphes tuberculata
Napomyza lateralis
Phyllotreta cruciferae
Phytomyza atricornis

BERMUDA:

Aleurocanthus woglumi
Aspidiotus subchortinus
Bradybaena similis
Ceratitis capitata
Lygus oblineatus
Phenacoccus gossypii
Prodenia ornithogalli
Synchlora aerata

BRAZIL:

Anastrepha fraterculus
Asterolecanium epidendri
Caryoborus serripes
Ceratitis capitata
Chrysomphalus personatus
Coccus pseudosperidum
Conchaspis angraci
Diaphania nitidalis
Dysdercus ruficollis
Eurytoma orchidearum
Eusepes postfasciatus
Furcaspsis bifornis
Maruca testulalis
Mecolaeus carvalhoi
Micrapate brasiliensis
Microtheca ochroloma
Mormidea v-luteum
Nasutitermes corniger
Parlatoria cinerea
Pectinophora gossypiella
Tenthecoris bicolor
Tenthecoris eritosus
Tenthecoris venezuelensis
Trialeurodes vaporariorum
Unaspis citri
Vinsonia stellifera

BRITISH GUIANA:

Asterolecanium pustulans
Callosobruchus chinensis
Chrysomphalus personatus
Protopulvinaria longicauda
Vinsonia stellifera

Countries of origin and insects—Continued

BRITISH HONDURAS:

Anastrepha ludens
Diatraea crambidoides
Lecanodiaspis dendrobii
Pseudischinaspis alienus

BRITISH WEST INDIES:

Callosobruchus chinensis
Callosobruchus maculatus
Cellosobruchus phaseoli
Pectinophora gossypiella

CAMEROONS:

Bostrychophiles cornutus
Cordylomera spiricornis

CANADA:

Acalypta mera
Acalypta nyctalis
Bembecia marginata
Brachyrhinus sulcatus
Diorgectria abietella
Liriomyza pusilla
Phytomyza obscurella nigritella
Taeniothrips simplex

CANAL ZONE:

Acanthoscelides armitagei
Amyssonotum rastratum flexum
Anastrepha mombinpraeoptans (?)

Aspidiotus destructor
Aspidiotus herculeanus
Asterolecanium epidendri
Cleogonus armatus
Furcaspis biformis
Galgupha punctifer
Metamasius sericeus
Parlatoria pseudaspidiotus
Protopulvinaria pyramiformis
Stenoma catenifer
Stephanoderes lecontei
Tenthecoris distinguendus
Vinsonia stellifera

CENTRAL AMERICA:

Taeniothrips simplex

CHILE:

Leptoglossus chilensis

CHINA:

Aspidiotus destructor
Callosobruchus chinensis
Ceroplastes japonicus
Chilo simplex
Coptotermes formosanus
Cylas formicarius subspecies (?)
Parlatoria camelliae
Parlatoria zizyphus

COLOMBIA:

Anastrepha fraterculus (?)
Aspidiotus destructor
Autoserica castanea
Chrysomphalus tenax
Clerada apicornis
Coccus viridis
Eurytoma orchidearum
Euscepes postfasciatus
Ferrisiana virgata
Frankliniella moultoni
Furcaspis biformis
Tenthecoris balloui
Tenthecoris columbiensis
Tenthecoris exitiosus
Tenthecoris venezuelensis
Unaspis citri

COSTA RICA:

Anastrepha serpentina (?)
Anastrepha striata
Aspidiotus destructor
Aspidiotus palmae
Callosobruchus maculatus
Chrysomphalus scutiformis
Chrysomphalus umboniferus
Coccotrypes dactyliperda
Epiniotia opposita
Eurytoma orchidearum
Ferrisiana virgata
Furcaspis biformis
Leucaspis cockerelli
Mecometopus jansoni
Metamasius sericeus
Nasutitermes corniger
Phytomyza atricornis
Platycarenum humilis

COSTA RICA—Continued

Pseudischinaspis alienus
Sibine stimulea
"Targionia" sacchari
Tenthecoris vestitus

CUBA:

Aleurocanthus woglumi
Aleurothrixus myrtacei
Anastrepha mombinpraeoptans
Anastrepha suspensa (?)
Aspidiotus destructor
Coccus viridis
Coptocycla dorsopunctata
Cylas formicarius var.
Cylas formicarius elegantulus
Ferrisiana virgata
Hellula phidilealis
Leucaspis cockerelli
Phyllophaga alquizarra
Platynota rostrana
Prodenia eridania
Protopulvinaria pyramiformis
Ribua innoxia
Stephanopachys rugosus
Tamagritia dela

CURACAO:

Callosobruchus maculatus
Unaspis citri

CYPRUS:

Callosobruchus maculatus
Pectinophora gossypiella

CZECHOSLOVAKIA:

Pityogenes chalcographus
Rhagoletis cerasi

DENMARK:

Euleia heraclei
Psila rosae
Sparticus villosus
Strophosoma melanogrammum

DOMINICA:

"Targionia" hartii

DOMINICAN REPUBLIC:

Anastrepha mombinpraeoptans
Anastrepha suspensa
Frankliniella insularis
Mimosestes dominicana
Pectinophora gossypiella

EAST AFRICA:

Pseudonidia trilobitiformis

ECUADOR:

Euscepes postfasciatus
Metamasius sericeus var.
Premnotrypes vorax

EGYPT:

Callosobruchus maculatus
Cassida vittata
Ceratitidis capitata
Pectinophora gossypiella

ENGLAND:

Acalypta platychila
Allantus cinatus
Anuraphis helichrysi
Cassida flaveola
Ceutorhynchus quadridens
Chaetocnema hortensis
Dalopius marginatus
Dialeurodes chittendeni
Elaphria chalcidonia
Euleia heraclei
Eurytoma crassineura
Eregetus forficatus
Haplothrips cottei
Hofmannophila pseudospretella
Laspeyresia splendana
Leperisus frazieri
Lepidosaphes tuberculata
Phyllotreta cruciferae
Pieris brassicae
Psila rosae
Pteleobius vittatus
Scolopostethus affinis
Taeniothrips ericae
Thrips fuscipennis

FINLAND:

Pogonocherus fasciculatus
Rhopobota naevana

Countries of origin and insects—Continued

FORMOSA:

Dialeurodes citri

FRANCE:

*Apion craccae**Apion pomonae**Bruchus guttalis**Bruchus luteicornis**Bruchus tristis**Caryedon fuscus**Ceratitis capitata**Chirothrips manicatus**Ernoporus tiliae**Euleia heraclei**Evergestis forficalis**Laspeyresia splendana**Liothrips vaneeckei**Parlatoria cinerea**Pieris brassicae**Psila rosae**Rhagoletis cerasi**Thrips angusticeps*

FRENCH EQUATORIAL AFRICA:

*Cordylomera spinicornis**Fulvius orycaenoides*

FRENCH GUIANA:

Vinsonia stellifera

FRENCH WEST AFRICA:

Fulvius brevicornis

GERMANY:

*Acalypta musci**Apion flavipes**Forficula auricularia**Gymnaetron beccabungae nigrum**Hylurgops palliatus**Hypera pedestris**Hypera rumicis**Ips typographus**Lema cyanella**Lema melanopa**Phylloreta atra**Phylloreta undulata**Phytobius quadrituberculatus**Pityogenes chalcographus**Rhinoncus bruchoides**Rhynchaenus fagi**Rutidosoma fialat*

GOLD COAST:

Ceratitis capitata (?)*Cordylomera spinicornis*

GREECE:

*Bruchus brachialis**Ceratitis capitata**Dacus oleae*

GUAM:

*Achatina fulica**Antonina graminis**Aspidiotus destructor**Aspidiotus sacchari**Aspidiotus spinosus**Asterolecanium pustulans**Dinoderus brevis**Ferrisiana virgata**"Targionia" sacchari*

GUATEMALA:

*Anastrepha ludens**Anastrepha mombinpraeoptans**Anastrepha serpentina**Aspidiotus destructor**Aspidiotus palmae**Chrysomphalus nigropunctatus**Chrysomphalus tenax**Cosmopolites sordidus**Cyrtosoma tristigma**Diorymerellus laevimargo**Eurytoma orchidearum**Erpochiomena albomaculata**Furcaspis biforis**Kaloterms marginipennis**Lygaeus vitticollis**Metriana tuberculata**Nasutitermes corniger**Parlatoria cinerea**Pinnaspis buxi**Plagioderia atritarsis**Platoceticus symmetrica**Pseudischinaspis alienus**Pseudoparlatoria ostreata*

GUATEMALA—Continued

*Tenthecoris confusus**Tenthecoris distinctus**Tenthecoris vestitus**Xanthonia guatemalensis*

HAITI:

*Anastrepha mombinpraeoptans**Coccus viridis**Diatraea saccharalis**Pinnaspis buxi**Vinsonia stellifera*

HAWAII:

*Aonidiella inornata**Aspidiotus destructor**Aspidiotus spinosus**Caryedon fuscus**Ceratitis capitata**Ceroplastes rubens**Coccus viridis**Cryptorhynchus mangiferae**Cryptotermes brevis**Dacus cucurbitae**Dacus dorsalis**Ereunetis flavistrata**Haplithrips gowdeyi**Lampides boeticus**Lepidosaphes tokionis**Lepidosaphes uniloba**Leucaspis cockerelli**Maruca testulalis**Pealius hibisci**Pectinophora gossypiella**Phenacaspis sandwicensis* (?)*Pinnaspis buxi**Pseudoaonidia clavigera**Pseudococcus palmarum**Taeniothrips hawaiiensis**Xyleborus testaceus**Xylopoecus castanoptera*

HONDURAS:

*Anastrepha mombinpraeoptans**Anastrepha serpentina**Anastrepha striata**Cryphula apicatus**Diorymerellus laevimargo**Euscapes postfasciatus**Iridomyrmex humilis**Metamasius sericeus**Mimosestes dominicana**Nasutitermes corniger**Pseudischinaspis alienus**Stenomoma anonella**Tenthecoris confusus*

HUNGARY:

*Molochus minor**Pyrausta nubilalis*

INDIA:

*Bruchus emarginatus**Callosobruchus analis**Callosobruchus chinensis**Caryedon fuscus**Ceratitis capitata* (?)*Coccus capparidis**Corcyra cephalonica**Dinoderus pilifrons**Eutornicus congener**Halimococcus borassi**Heterobostrychus aequalis**Lepidosaphes latero-chitinsa**Lepidosaphes tuberculata**Lethaeus aeruginosus**Meristata dohrni**Meristata trifasciata**Prodenia ornithogalli**Pyrausta nubilalis**Smoxylon anale**Stenogrynium quadrinotatum*

IRAN:

Bruchus dentipes

IRAQ:

Coccotrypes dactyliperda

IRELAND:

*Euleia heraclei**Forficula auricularia**Hypera postica**Psila rosae*

Countries of origin and insects—Continued

ITALY:

Apion carduorum
Barathra brassicae
Brachycerus albidentatus
Brachycerus algius
Bruchidius gilvus
Bruchidius incarnatus
Bruchus ervi
Bruchus lentis
Bruchus luleicornis
Bruchus rufipes
Bruchus signaticornis
Bruchus ulicis
Callosobruchus chinensis
Ceratitis capitata
Ceroplastes ruscii
Curculio elephas
Dacus oleae
Eurytoma oleae
Forficula auricularia
Grapholita molesta
Hofmannophila pseudospretella
Laspeyresia splendana
Lepidosaphes ficus
Mecinus pyraister
Myelois ceratoniae
Parlatoria oleae
Pectinophora gossypiella
Phalonia zephyrana
Phymatodes lividus
Psila rosae
Pyrausta nubilalis
Rhagoletis cerasi
Rhinoneus perpendicularis
Sesamia cretica
Sparticus villosus

JAMAICA:

Aleurocanthus woglumi
Anastrepha mombinpraeoptans
Aspidiotus destructor
Aspidiotus spinosus
Callosobruchus chinensis
Callosobruchus maculatus
Callosobruchus phaseoli
Coccus viridis
Frankliniella insularis
Leucaspis cockerelli
Monomorium destructor
Palaeopus costicollis
Parlatoria cinerea
Pseudonidia tessellata
Unaspis citri
Vinsonia stellifera

JAPAN:

Aleurotuberculatus aucubae
Aspidiotus cryptomeriae
Aspidiotus degeneratus
Aspidiotus diffinis
Carpocapsa sasakii
Ceroplastes ceriferus
Ceroplastes japonicus
Ceroplastes rubens
Dialeurodes kirkaldyi
Euseceps postfasciatus
Ferrisia virgata
Grapholita molesta
Lepidosaphes conchiformis
Lepidosaphes pallida
Lepidosaphes tuberculata
Liothrips vaneckei
Parlatoria camelliae
Parlatoria theae
Pealius rhododendri
Phyllobius intrusus
"Poliaspis" pini
Pseudococcus pini
Ptochoryctes tsugensis
Raphidopalpa femoralis
Stephanitis pyroides
Unaspis yanonensis
Vesiculaphis caricis

KOREA:

"*Poliaspis*" *pini*

LEBANON:

Bruchus dentipes
Bruchus ervi
Parlatoria oleae

LEEWARD ISLANDS:

Pseudoparlatoria ostreata
Vinsonia stellifera

MALAYSIA:

Parlatoria zizyphus

MARIANAS:

Achatina fulica

Ferrisia virgata

MARTINIQUE:

Psila rosae

MEXICO:

Acanthoderes circumflexa
Acanthoscelides quadridentatus
Aceria tulipae
Acroleucus vicinialis
Acrolophus superstes
Agroiconota propinqua
Agromyza virens
Alcaeorrhynchus grandis
Aleurocanthus woglumi
Aleuroglandulus emmae
Aleuroparadozus gardeniae
Algarobius prosopis
Alpheias conspirata
Amorbia emigratella
Amphicerus cornutus
Amyssonotum rostratum flexum
Anastrepha ludens
Anastrepha mombinpraeoptans
Anastrepha serpentina
Anastrepha striata
Anelaphus truncatus
Anthonomus albolineatus
Anthonomus baridioides
Anuraphis helichrysi
Aonidiella citrina
Apion godmani
Arvelius albopunctatus
Aspidiotus destructor
Aspidiotus diffinis
Asterolecanium pustulans
Attelabus corvinus
Berecynthus delirator
Cactobrosis longipennella
Calligrapha diversa
Calligrapha felina
Calligrapha limbaticollis
Calligrapha multipustulata
Calligrapha notatipennis
Callirhytis sonoreae
Callosobruchus maculatus
Camirus conicus
Caulophilus latinasus
Celerio lineata
Chaetopsis fulvifrons
Chelymorpha comata
Chlorochroa ligata
Chrysobothris mali
Chrysomphalus albopictus
Chrysomphalus nigropunctatus
Chrysomphalus personatus
Chrysomphalus scutiformis
Chrysomphalus tenax
Chrysomphalus umboniferus
Cleogonus armatus
Cligenes delineata
Coelosternus consputus
Conchaspis angraeci
Conotrachelus aguacatae
Conotrachelus integer
Conotrachelus perseae
Conotrachelus seniculus
Coptocycla semiatrata
Corcyra cephalonica
Corimelaena minutissima
Creontiades femoralis
Crophius costatus
Crophius scabrosus
Cryptula apicatus
Curculio q-griseae
Cylas formicarius elegantulus
Cyrtocapsus caliginosus
Cyrtopeltis varians
Diabrotica figurata
Diaphania hyalinata
Diaphania nitidalis
Diatraea saccharalis

Countries of origin and insects—Continued

MEXICO—Continued

Diorymerellus laetmargo
Disonycha leptolineata texana
Dysdercus mimulus
Epiclerus cognatus
Epilachna varivestis
Epinotia opposita
Estigmene acrea
Eucalandra setulosa
Eumysia stigmella
Eurytoma orchidearum
Eutettix tenellus
Evergestis rimosalis
Erpochiomera albomaculata
Erpochiomera oblonga
Erpochiomera tumens
Faustinus rhombifer
Ferrisiana virgata
Frankliniella insularis
Franklinothrips respiformis
Fulvus anthracoides
Furcaspis biformis
Galgupha punctifer
Galgupha quadrisignata
Galgupha texana
Geocoris flavilineus
Gerstaeckeria bifasciata
Gerstaeckeria mutillaria
Gnорimoschema gudmannella
Gnорimoschema lavernella
Grapholitha packardii
Haplothrips gowdeyi
Heliodines bella
Heraeus guttatus
Hyphantria cunea
Japetus sphaeroides
Lepidosaphes carinata
Lepidosaphes philococcus
Ligyrocoris abdominalis
Ligyrocoris aurivilliana
Ligyrocoris litigiosus
Ligyrocoris nitidicollis
Lineodes integra
Liriomyza pusilla
Lorostege similalis
Lyctus caribaeus
Lygaeus circumplicatus
Lygaeus pusio
Lygaeus vittiscutis
Lygus elisus
Lygus oblineatus
Macrocephalus notatus
Macrocephalus stali
Macropygium reticulare
Megacerus contaminatus
Merobruchus flexicaulis
Merobruchus julianus
Metamasius sericeus carbonarius
Micrapate labialis
Mimorista flavidissimalis
Mimosestes dominicana
Mimosestes sallaei
Moneilema ebenus var.
Moodna bisinuella
Myodocha longicollis
Nabis alternatus
Neocatantus vegetus
Neoleucinodes elegantalis
Nysius basalis
Nysius calliger
Nysius minutus
Nysius raphanus
Ogdocoeca biannularis
Ogdocoeca juvenca
Olibrus submaculatus
Oosternum costatum
Ozophora consanguineus
Pachycoris torridus
Paraleyrodes singularis (?)
Parlatoria cinerea
Parozyna sororcula
Pectinophora gossypiella
Phatnoma annulipes concisa
Phelypera distigma
Phenacoccus gossypii
Physonota attenuata
Physonota mexicana

MEXICO—Continued¹

Pityophthorus coronarius
Plagiiodera atritarsis
Plagiiodera congesta
Plagiiodera semivittata
Plagiiodera thymaloides
Platoceticus symmicta
Platycarenum humilis
Platynota rostrana
Platynota stultana
Platypus rugulosus
Polydromomyia curripes
Protopulvinaria longivalvata
Pseudischiaspis alienus
Pseudodiaspis yuccae
Pseudoparlatoria ostreata
Puto mexicanus
Renocis mexicanus
Reticulitermes flavipes
Rhagoletis pomonella
Rhagoletis striatella (?)
Rhopalophora incrustata
Scolytus rugulosus
Sericophanes ocellatus
Setomorpha rutella
Sisamnes contractus
Sizeonotus luteiceps
Stenoma catenifer
Stilodes caelebs
Synchlora aerata
Systole geniculata
Taeniothrips simplex
Talponia batesi
"Targionia" bromiliae
Targionia yuccarum
Tempyra biguttula
Tenthecoris angustimarginatus
Tenthecoris confusus
Tenthecoris distinctus
Tephritis genalis
Tetraleurodes mori
Tezananus spatulatus
Trichobaris mucorea
Trochuda raspa
Tychius inermis
Tythomimus rufotestaceus
Unaspis euonymi
Xylobiops parilis
Xylobiops texanus
Zabrotes subfasciatus
Zygogramma obscurifasciata
Zygogramma piceicollis

MONTSEERAT:

Myelois ceratoniae

MOROCCO:

Ceratitidis capitata
Erosoma lusitanica

MOZAMBIQUE:

Cylas puncticollis

NETHERLANDS:

Allantus cinctus
Apion flavipes
Barathra brassicae
Barypeithes pellucidus
Bruchus luteicornis
Cassida nebulosa
Cassida nobilis
Ceutorhynchus erysimi
Ceutorhynchus floralis
Chaetarthria seminulum
Chlorochroa juniperina
Cymus melanocephalus
Dialeurodes chittendeni
Endrosis lactella
Eurydema oleraceum
Evergestis forficatus
Forficula auricularia
Gracilaria azaleella
Hoffmannophila pseudospretella
Hypera nigritrostris
Lecanium coryli
Lepidosaphes tuberculata
Longitarsus melanocephalus
Nemopogon granella
Periphyllus horridus (?)
Phyllotreta undulata
Phytobius quadratuberculatus

Countries of origin and insects—Continued

NETHERLANDS—Continued

Pnyxia scabiei
Psila rosae
Rhinoncus bruchoides
Rhopalosiphoninus tulipaella
Scolytus intricatus
Sibinia potentillae
Sitona lineata
Strophosoma rufipes
Taeniothrips simplex
Trialetrodes vaporariorum
Ulopa reticulata

NETHERLANDS GUIANA:

Diaphania nitidalis

NEW ZEALAND:

Maruca testulalis

NICARAGUA:

Anastrepha mombinpraeoptans
Anastrepha serpentina
Aspidiotus spinosus
Metamasius sericeus
Stenoma catenifer

NORTH IRELAND:

Hofmannophila pseudospretella

NORWAY:

Brachyrhinus porcatus
Polygraphus polygraphus
Psila rosae
Rhinoncus pericarpus

PALESTINE:

Aleurotrachelus citri
Ceratitis capitata
Ceroptastes rusci
Lepidosaphes ficus

PANAMA:

Anastrepha mombinpraeoptans
Ancylostoma stercora
Aspidiotus destructor
Aspidiotus palmarum
Cardioscarta miniaticeps
Ceroptastes citripediformis
Chrysomphalus umboniferus
Leucaspis cockerelli
Maruca testulalis
Pseudaonidia trilobitiformis
Stenoma catenifer

PERU:

Chrysomphalus personatus
Eucactophagus aurocinctus
Gnorimoschema plaesiosema
Lepidosaphes espinosai
Premnotrypes solani (?)
Zabrotes subfasciatus

PHILIPPINES:

Aonidiella inornata
Aspidiotus coryphae
Aspidiotus destructor
Aspidiotus excisus
Boroxylon stephagynis
Callispa duodecimmaculata
Callosobruchus chinensis
Coptorhynchus iliganus
Cryptorhynchus mangiferae
Cyamobolus palawanicus
Cylas formicarius
Cylas formicarius var.
Dacus dorsalis
Dinoderus brevis
Ferrisia virgata
Furcaspis bifurmis
Leucaspis cockerelli
Morganella longispina
Nysius dallasi
Parlatoria citri
Parlatoria pseudaspidiotus
Parlatoria zizyphus
Pseudaonidia curculiginis
Pseudococcus lilacinus
Pseudococcus palmarum
Pulvinaria psidii
Setomorphia rutella
Sinozylon anale

POLAND:

Bruchus brachialis

PORTUGAL:

Aphis medicaginis
Bruchus guttalis
Bruchus tristiculus
Ceratitis capitata
Chaetoptelus vestitus
Dacus oleae
Haplothrips cottei
Iridomyrmex humilis
Laspeyresia splendana
Lixus mucronatus
Pantomorus godmani
Parlatoria oleae
Rhagoletis cerasi
Sinozylon sexdentatum

PUERTO RICO:

Aleurothrix floccosus
Anastrepha mombinpraeoptans
Anastrepha suspensa
Ancylostoma stercora
Aspidiotus destructor
Aspidiotus herculeanus
Callosobruchus chinensis
Ceroptastes japonicus
Chaetopsis fulvifrons
Coccotrypes pygmaeus
Coccus viridis
Coreya cephalonica
Cylas formicarius var.
Cylas formicarius elegantulus
Dialeurodes citrifolii
Diaprepes abbreviatus
Diatraea saccharalis
Elasmopalpus lignosellus
Euscepes postfasciatus
Euxesta stigmatias
Fundella pellucens
Maruca testulalis
Myelois ceratoniae
Paraleyrodes naramjae
Parlatoria zizyphus
Pectinophora gossypiella
Platynota rostrata (?)
Protopulvinaria pyriformis
Sphenarches caffer
"Targionia" hartii
"Targionia" sacchari
Thyanta perditor
Vinsonia stellifera

ST. KITTS:

Pectinophora gossypiella
"Targionia" hartii

ST. VINCENT:

Acanthoscelides armitagei
"Targionia" hartii

SAIPAN:

"Targionia" sacchari

SALVADOR:

Anastrepha mombinpraeoptans
Anastrepha serpentina
Aspidiotus destructor
Conchaspis angraci
Coreya cephalonica
Eurytoma orchidearum
Icerya zeleki
Leucaspis cockerelli
Pseudischaspis alienus
Stenoma catenifer

SCOTLAND:

Psila rosae

SIAM:

Cylas formicarius var.
Parlatoria zizyphus

SIERRA LEONE:

Caryedon fuscus
Cylas puncticollis

SOUTH PACIFIC:

Furcaspis oceanicus

SPAIN:

Ceratitis capitata
Dacus oleae
Psila rosae

STRAITS SETTLEMENT:

Aonidiella citrina
Cylas formicarius

Countries of origin and insects—Continued

SWEDEN:

Hylurgops palliatus
Ips typographus
Pityogenes chalcographus
Pogonocherus fasciculatus
Psila rosae
Rhagoletis alternata

SWITZERLAND:

Parlatoria camelliae
Rhagoletis cerasi

SYRIA:

Ceratitidis capitata

TAHITI:

Ceroplastes rubens
Eucalymnatus tessellatus
Morganeilla longispina
Parlatoria cinerea

TRINIDAD:

Anastrepha mombinpraeoptans
Aspidiotus destructor
Diaphania nitidalis
Furcaspis biformis
Pseudonidia tessellata
Unaspis citri
Vinsonia stellifera

TURKEY:

Laspeyresia splendana
Parlatoria oleae

UNION OF SOUTH AFRICA:

Ceratitidis capitata
Ceratitidis rosa
Lema bilineata
Phlyctinus callosus
Trionymus lounsburyi

UNKNOWN:

Anastrepha ludens
Anastrepha serpentina (?)
Asterolecanium bambusae
Bruchus luteicornis
Ceratitidis capitata
Chilo simplex
Grapholitha molesta
Pantomorus godmani

UNKNOWN—Continued

Parlatoria crotonis
Phlyctinus callosus
Psila rosae
Rhagoletis cerasi (?)
Taeniothrips simplex
Tentecoris venezuelensis

VENEZUELA:

Amphicerus cornutus
Anastrepha serpentina
Asterolecanium epidendri
Aulacaspis cinnamomi
Brentus anchorago
Callosobruchus maculatus
Chrysomphalus umboniferus
Coccus viridis
Conchaspis angraei
Dryocetes scrupulosus
Dysides obscurus
Eurytoma orchidearum
Ferrisia virgata
Forficula auricularia
Furcaspis biformis
Heraeus cincticornis
Lophocateres pusillus
Lygaeus guatemalanus
Mecolaemus carvalhoi
Peciniophora gossypiella
Protopulvinaria longinalata
Protopulvinaria gyriformis
Sosylus terminalis
Stenoma anonella
Stenoma catenifer
Tentecoris venezuelensis

VIRGIN ISLANDS:

Coregra cephalonica
Cylas formicarius elegantulus
Euscepes postfasciatus
"Targionia" hartii

WALES:

Psila rosae

WEST INDIES:

"Targionia" hartii

List of pests (diseases) collected and reported from July 1, 1947, to June 30, 1948, inclusive

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Alternaria citri</i> Eil. & Pierce:					
<i>Citrus sinensis</i> (orange).....	Mexico.....	1			Tex.
<i>Aphelenchoides bicaudatus</i> Imanura:					
<i>Colocasia</i> sp.....	Cyprus.....			1	N. J.
Unidentified vine roots on returned war equipment.....	Okinawa.....	1			Calif.*
<i>Aphelenchoides parietinus</i> (Bastian) Steiner:					
<i>Lilium</i> sp. (lily).....	England.....			1	N. J.
<i>Aphelenchoides ritzema-bosi</i> (Schwartz):					
<i>Allium sativum</i> (garlic).....	Mexico.....	1			Tex.
<i>Aphelenchoides subterraneus</i> Cobb:					
<i>Narcissus</i> sp.....	Netherlands.....			1	N. J.
<i>Aphelenchus avenae</i> Bastian:					
<i>Solanum tuberosum</i> (potato).....	France, Mexico.....		2		Tex.
<i>Ascochyta cichorii</i> Died.:					
<i>Cichorium intybus</i> (chicory).....	Belgium.....	1			N. Y.
<i>Ascochyta citri</i> Penz.:					
<i>Citrus sinensis</i> (?) (orange).....	Italy.....	1			Mich.
<i>Citrus</i> sp.....	Azores.....	1			N. Y.
<i>Ascochyta decipiens</i> Pass.:					
<i>Antirrhinum majus</i>	England.....	1			N. Y.
<i>Ascochyta frazzini</i> Bub. & Kab.:					
<i>Frazinus excelsior</i> (European ash).....	Italy.....	1			N. Y.
<i>Ascochyta pisi</i> Lib.:					
<i>Pisum sativum</i> (pea).....	France.....		1		Tex.

List of pests (diseases) collected and reported from July 1, 1947, to June 30, 1948,
inclusive—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Asterosporium hoffmanni</i> G. Kunze:					
<i>Fagus</i> sp.	Netherlands			1	N. J.
<i>Aulographum eucalypti</i> Cke. & Mass.:					
<i>Eucalyptus ficifolia</i>	Australia	1			Ohio.
<i>Botryosphaeria ribis</i> Gross. & Dugg. (?):					
<i>Morus</i> sp. (?)	Japan			1	Calif.*
<i>Botrytis elliptica</i> (Berk.) Cke.:					
<i>Lilium auratum</i> (goldband lily)	do.			2	Calif.*
<i>Botrytis galanthina</i> (Berk. & Br.) Sacc.:					
<i>Galanthus</i> sp.	Netherlands			41	Mich., N. J., N. Y., Ohio.
<i>Botrytis gladiolorum</i> Timmermans:					
<i>Gladiolus</i> sp.	do.			13	N. J., Tex.
<i>Cercospora angraeci</i> Roum.:					
<i>Odontoglossum</i> sp. (orchid)	England, France			2	N. J.
<i>Cercospora gossypina</i> Cke.:					
<i>Gossypium</i> sp. (cotton)	Mexico	1			Tex.
<i>Cercospora handelii</i> Bub.:					
<i>Rhododendron</i> sp.	Belgium, Netherlands			10	N. J.
<i>Cercospora musae</i> Zimm.:					
<i>Musa paradisica sapientum</i> (banana)	Canal Zone, Costa Rica, Cuba, Dominican Republic, Guatemala, Honduras, Mexico, Netherlands Guiana, Nicaragua, Panama	137	2		Calif.,* Md., N. Y., Pa., Tex.
<i>Cercospora neriella</i> Sacc.:					
<i>Nerium oleander</i> (oleander)	Bermuda	2		2	Md., Va.
<i>Cercospora nicotianae</i> Ell. & Ev.:					
<i>Nicotiana tabacum</i> (tobacco)	Cuba	3			N. Y.
<i>Cercospora physalicola</i> Ell. & Barth. (?):					
<i>Physalis</i> sp. (husk tomato)	Mexico	1			Tex.
<i>Cercospora rosicola</i> Pass.:					
<i>Rosa</i> sp. (rose)	Cuba, Mexico	2			N. J., Tex.
<i>Cercospora violae</i> Sacc.:					
<i>Viola</i> sp. (pansy)	Canada			1	N. Y.
<i>Cercospora zinniae</i> Ell. & Martin:					
<i>Zinnia</i> sp.	Trinidad	1			N. Y.
<i>Ceuthospora lunata</i> Shear:					
<i>Gaultheria</i> sp.	Netherlands			1	N. J.
<i>Coleosporium dahliae</i> Arth.:					
<i>Dahlia</i> sp.	Mexico	2			Tex.
<i>Coleosporium senecionis</i> (Pers.) Fr.:					
<i>Senecio deferens</i>	Argentina	1			N. Y.
<i>Colletotrichum hibisci</i> Poll. (?):					
<i>Hibiscus</i> sp.	Guam	1			Calif.*
<i>Colletotrichum lilii</i> Plakidas:					
<i>Lilium auratum</i> (goldband lily)	Japan			4	Calif.*
<i>Lilium auratum praecox</i>	do.			1	Calif.*
<i>Lilium japonicum</i> (Japanese lily)	do.			3	Calif.*
<i>Lilium pumilum</i> (coral lily)	China			1	Calif.*
<i>Lilium rubellum</i> (rubellum lily)	Japan			2	Calif.*
<i>Lilium speciosum</i> (speciosum lily)	do.			1	Calif.*
<i>Lilium speciosum rubrum</i> (pink speciosum lily)	do.			2	Calif.*
<i>Lilium tigrinum</i> (tiger lily)	India			1	Calif.*
<i>Lilium</i> sp.	Australia, China, Japan			4	Calif.*
<i>Colletotrichum vanillae</i> Scalia:					
<i>Vanilla</i> sp. (orchid)	Cuba			1	Fla.
<i>Coniothyrium diplodiella</i> (Speg.) Sacc.:					
<i>Rosa</i> sp.	France			1	N. J.
<i>Coniothyrium genistae</i> (Roum.) Berl. & Vogl.:					
<i>Genista</i> sp.	Canada			1	N. J.
<i>Coniothyrium hellebori</i> Cke. & Mass.:					
<i>Helleborus niger</i> (Christmas rose)	Netherlands			2	N. J.
<i>Coniothyrium hysteroideum</i> Karst.:					
<i>Dasyllirion</i> sp.	Mexico			1	Tex.
<i>Coniothyrium olivaceum</i> Bon.:					
<i>Ulex europaeus</i> (gorse)	Ireland			1	Mass.
<i>Coryneum beijerinckii</i> Oud.:					
<i>Prunus persica</i> (peach)	Italy	1			N. Y.

List of pests (diseases) collected and reported from July 1, 1947, to June 30, 1948,
inclusive—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Cryptospora longispora</i> Servazzi:					
Pinus sp. (pine)	New Zealand			1	N. Y.
<i>Cumminsiella sanguinea</i> (Pk.) Arth.:					
Mahonia aquifolium (Oregon hollygrape)	Belgium, Netherlands			3	N. J.
<i>Cytospora ambiens</i> Sacc.:					
Malus sylvestris (apple)	England			1	N. J.
<i>Cytospora atra</i> (Bon.) Sacc.:					
Morus sp.	Japan			1	Calif.*
<i>Cytospora ceratophora</i> Sacc.:					
Castanea sp. (chestnut)	France	1			N. Y.
<i>Cytospora chrysosperma</i> Pers. ex Fr.:					
Salix sp.	Argentina		1		Pa.
<i>Cytospora lirella</i> Syd.:					
Bambusa sp. (bamboo)	Mexico			1	Calif.*
<i>Dendryphium toruloides</i> (Fres.) Sacc. var. taurinense (Ferr. & Tonelli) Trott.:					
Catleya skinneri (orchid)	Costa Rica			1	Tex.
<i>Diaporthe dubia</i> Nits. (?):					
Cactus	Mexico			1	Tex.
<i>Diplodia bambusae</i> Ell. & Langl.:					
Bambusa sp. (bamboo)	do			1	Calif.*
<i>Diplodia paraphysaria</i> Sacc.:					
Aerides sp. (orchid)	Philippines			1	Calif.*
Catleya gigas (orchid)	Colombia			1	Fla.
<i>Dendrobium</i> sp. (orchid)	Honduras			1	Fla.
<i>Epidendrum atropurpureum</i> (orchid)	Mexico			1	Calif.*
<i>Oncidium</i> sp. (orchid)	French Guiana			1	Calif.*
<i>Diplodia populina</i> Fekl.:					
Populus sp.	Portugal	1			Pa.
<i>Diplodia theobromae</i> (Pat.) Nowell:					
Cajanus cajan (pigeonpea)	Panama	1			N. Y.
Mangifera indica (mango)	Egypt	1			N. Y.
Manihot esculenta (cassava)	Brazil			1	Fla.
Musa paradisiaca (plantain)	Cuba	1			N. Y.
<i>Discosia artocreas</i> Tode ex Fr.:					
Rhododendron sp.	Netherlands			1	N. J.
<i>Ditylenchus dipsaci</i> (Kuhn) Filip.:					
Allium sativum (garlic)	Mexico	23	1	1	Tex.
Colchicum agrippinum (agrippa autumn-crocus).	Netherlands			1	N. J.
Colchicum sp.	do			1	N. J.
Narcissus sp.	England			1	N. J.
Ornithogalum sp.	Netherlands			1	N. J.
<i>Ditylenchus iridis</i> Steiner:					
Colchicum bornmuelleri (bornmueller autumn-crocus).	do			1	N. J.
Colchicum speciosum (showy autumn-crocus)	do			1	N. J.
Crocus sp.	do			1	Tex.
Iris filifolia (Gibraltar iris)	do	2			Calif.*
Iris sindjarensis (aleppo iris)	do			2	N. J.
Iris xiphoides (English iris)	do			1	N. J.
Iris sp.	England, Netherlands			193	N. J.
Tigridia sp.	Netherlands			1	N. J.
<i>Dothiorella gregaria</i> Sacc.:					
Persea americana (avocado)	Mexico	1			Tex.
<i>Elsinoe australis</i> Bitanc. & Jenkins:					
Citrus limon (lemon)	Argentina, Brazil, Paraguay.		5		Mass., N. Y., Pa., Tex., Va.
Citrus sinensis (orange)	Argentina, Brazil		7		Fla.* Md., Mass., Pa.
Citrus sp.	Brazil		1		Fla.*
<i>Elsinoe phaseoli</i> Jenkins:					
Phaseolus lunatus macrocarpus (lima bean)	Puerto Rico	2			N. Y.
<i>Elsinoe piri</i> (Woron.) Jenkins:					
Malus sylvestris (apple)	Union of Soviet Socialist Republics.		1		N. Y.
<i>Epicoccum nigrum</i> Lk.:					
Capsicum frutescens (pepper)	Mexico	1			Ariz.
<i>Exobasidium vaccinii</i> (Fekl.) Woron.:					
Rhododendron sp.	Netherlands			1	N. J.

List of pests (diseases) collected and reported from July 1, 1947, to June 30, 1948,
inclusive—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Fusarium oxysporum</i> Schlecht.:					
<i>Crocus</i> sp.	do.			1	N. Y.
<i>Gladiolus</i> sp.	do.			3	N. J., N. Y.
<i>Ipomoea batatas</i> (sweetpotato) ..	Mexico.	1			Tex.
<i>Narcissus</i> sp.	Netherlands.	1		150	Mass., Mich., N. Y., Pa., S. C., Va.
<i>Fusicladium eriobotryae</i> Cav.:					
<i>Eriobotrya japonica</i> (loquat) ..	Portugal.	1	1		N. Y., Pa.
<i>Fusicladium pyracanthae</i> (Oth.) Rostr.:					
<i>Pyracantha coccinea</i> (scarlet firethorn) ..	Netherlands.			1	N. J.
<i>Pyracantha</i> sp.	do.			1	N. J.
<i>Fusicoccum cinctum</i> Sacc. & Roum.:					
<i>Castanea</i> sp. (chestnut) ..	Italy.	1			Mo.
<i>Fusicoccum galericulatum</i> Sacc.:					
<i>Fagus sylvatica</i> (European beech) ..	Netherlands.			1	N. J.
<i>Gliomastix convoluta</i> (Harz) Mason:					
<i>Colocasia esculenta</i> (taro) ..	China.	1			Calif.*
<i>Eleocharis dulcis</i> (waternut) ..	do.	1			Calif.*
<i>Oryza sativa</i> (rice) ..	Japan.		1		Calif.*
<i>Zingiber officinale</i> (ginger) ..	China.	10			Calif.*
<i>Gloeosporium cinnamomi</i> (P. Henn.) Died.:					
<i>Cinnamomum</i> sp. (cinnamon) ..	Dominica.	1			N. Y.
<i>Gloeosporium fructigenum</i> Berk.					
<i>Cydonia oblonga</i> (quince) ..	Mexico.	1			Tex.
<i>Gloeosporium leguminum</i> (Cke.) Sacc.:					
<i>Prosopis chilensis</i> (mesquite) ..	Dominican Republic.	1			P. R.
<i>Gloeosporium olivarum</i> Alm.:					
<i>Olea europaea</i> (olive) ..	Italy.	2			N. Y.
<i>Gloeosporium phacidiellum</i> Grove:					
<i>Prunus laurocerasus</i> (laurel cherry) ..	Netherlands.			1	N. J.
<i>Gloeosporium piperatum</i> Ell. & Ev.:					
<i>Capsicum frutescens</i> (pepper) ..	Brazil.		1		N. Y.
<i>Gloeosporium rhododendri</i> Briosi & Cav. (?):					
<i>Rhododendron</i> sp.	England.			1	N. J.
<i>Gloeosporium sansevieriae</i> Verwoerd & du Plessis:					
<i>Sansevieria</i> sp.	Bermuda.			1	Md.
<i>Gloniopsis levantica</i> Rehm:					
<i>Rhododendron</i> sp.	Netherlands.			1	N. J.
<i>Helminthosporium carposaprum</i> Pollack:					
<i>Capsicum frutescens</i> (pepper) ..	Mexico.		1		Tex.
<i>Lycopersicon esculentum</i> (tomato) ..	do.	1	1		Tex.
<i>Helminthosporium oryzae</i> Breda de Haan:					
<i>Oryza sativa</i> (rice) ..	Japan.	1			Ohio.
<i>Hemileia oncidii</i> Griff. & Maub.:					
<i>Oncidium varicosum rogersi</i> (orchid) ..	Brazil.			1	N. J.
<i>Oncidium</i> sp.	Trinidad.			1	N. J.
<i>Heterodera marioni</i> (Cornu) Goodey:					
<i>Polianthus tuberosa</i> (tuberose) ..	Mexico.	1			Tex.
Vine roots on returned war equipment ..	Okinawa.	1			Calif.*
<i>Heteropatella vattelinensis</i> (Trav.) Wr.:					
<i>Dianthus</i> sp. (carnation) ..	Canada.			1	Wash.
<i>Heterosporium variabile</i> Cke.:					
<i>Rhododendron</i> sp.	Netherlands.			1	N. J.
<i>Hormodendron cladoporioides</i> (Fres.) Sacc.:					
<i>Capsicum frutescens</i> (pepper) ..	Mexico.	5			Ariz.
<i>Lycopersicon esculentum</i> (tomato) ..	France.		1		Tex.
<i>Leptosphaeria heterospora</i> (De N.) Niessl:					
<i>Iris tenorii</i> ..	Netherlands.			1	N. J.
<i>Leptosphaeria rusci</i> (Wallr.) Sacc.:					
<i>Fuscus</i> sp.	Italy.	1		1	N. Y., Pa.
<i>Leptothyrium pomi</i> (Mont. & Fr.) Sacc.:					
<i>Malus sylvestris</i> (apple) ..	France, Spain, Union of Soviet Socialist Re- publics.	2	1		N. Y.
<i>Lophodermium juniperinum</i> (Fr.) De N.:					
<i>Juniperus</i> sp. (juniper) ..	Netherlands.			2	N. J.
<i>Macrophoma cattleyicola</i> P. Henn.:					
<i>Cattleya trianae</i> (orchid) ..	Colombia.			1	Calif.*
<i>Cattleya</i> sp.	Venezuela.			1	Pa.
<i>Macrophoma musae</i> (Cke.) Berl. & Vogl.:					
<i>Musa paradisiaca</i> (plantain) ..	Dominican Republic.	1			N. Y.

List of pests (diseases) collected and reported from July 1, 1947, to June 30, 1948,
inclusive—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Macrophomina phaseoli</i> (Maub.) Ashby:					
<i>Daucus carota</i> (carrot).....	Cuba.....		1		Tex.
<i>Ipomoea batatas</i> (sweet potato).....	Mexico.....		1		Tex.
<i>Marsonina juglandis</i> Magn.:					
<i>Juglans regia</i> (Persian walnut).....	Italy.....	1			N. Y.
<i>Juglans</i> sp. (walnut).....	Morocco.....	1			N. Y.
<i>Marsonina ochroleuca</i> Berk. & Curt.:					
<i>Castanea</i> sp. (chestnut).....	Italy.....	2			Ill.
<i>Melanospora zamiae</i> Cda.:					
<i>Cymbidium mastersi</i> (orchid).....	India.....			1	Calif.*
<i>Pueraria thunbergiana</i> (kudzu-bean).....	China.....	1			Calif.*
<i>Zingiber officinale</i> (ginger).....	do.....	5			Calif.*
<i>Memnoniella echinata</i> (Rivolta) L. O. Gall.:					
<i>Odontoglossum</i> sp. (orchid).....	Mexico.....			1	Tex.
<i>Solanum tuberosum</i> (potato).....	do.....		1		Tex.
<i>Monilinia fructigena</i> (Pers.) Honey:					
<i>Malus sylvestris</i> (apple).....	Sweden.....		1		Tex.
<i>Monilinia laza</i> (Aderh. & Ruhl.) Honey:					
<i>Prunus cerasifera</i> (?) (Myrobalan plum).....	New Zealand.....		1		Hawaii.
<i>Prunus</i> sp. (cherry).....	England.....	1			N. Y.
<i>Mycosphaerella hondai</i> Miyake:					
<i>Oryza sativa</i> (rice).....	China, Japan.....	5	3		Calif.*
<i>Mycosphaerella lythracearum</i> Wolf:					
<i>Punica granatum</i> (pomegranate).....	Puerto Rico.....	1			N. Y.
<i>Mycosphaerella pinodes</i> (Berk. & Blox.) Stone:					
<i>Pisum sativum</i> (pea).....	Portugal.....		1		Pa.
<i>Mycosphaerella rhododendri</i> (Cke.) G. H. Martin:					
<i>Rhododendron</i> sp.....	Netherlands.....			5	N. J.
<i>Mycosphaerella rosigena</i> (Ell. & Ev.) Lindau:					
<i>Rosa</i> sp. (rose).....	Bermuda.....			1	Md.
<i>Myrothecium roridum</i> Tode ex Fr.:					
<i>Capsicum frutescens</i> (pepper).....	Mexico.....	1			Tex.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	1			Tex.
<i>Nectria cinnabarina</i> Fr.:					
<i>Acer</i> sp.....	Netherlands.....			1	N. J.
<i>Deutzia</i> sp.....	Norway.....			1	N. Y.
<i>Magnolia</i> sp.....	Netherlands.....			1	N. J.
<i>Neovossia horrida</i> (Tak.) Padwick & Armatulla Khan:					
<i>Oryza sativa</i> (rice).....	India.....	1			Pa.
<i>Nigrospora sphaerica</i> (Sacc.) Mason:					
<i>Oryza sativa</i> (rice).....	China.....	4			Calif.*
<i>Omphalia flvida</i> (Cke.) Maub. & Rangel:					
<i>Gardenia augusta</i> (gardenia).....	Mexico.....	9			N. Y., Tex.
<i>Panagrolaimus rigidus</i> (A. Schneid.) Thorne (?):					
<i>Solanum tuberosum</i> (potato).....	Netherlands.....		1		Tex.
<i>Papularia sphaerosperma</i> (Fr.) Hoehn.:					
Bamboo.....	Malaysia.....			1	N. Y.
<i>Papulaspora magnifica</i> Hotson (?):					
<i>Begonia</i> sp.....	Netherlands.....			1	N. J.
<i>Pestalotia anthurii</i> P. Henn.:					
<i>Anthurium sanguineum</i>	Guatemala.....			1	Calif.*
<i>Pestalotia banksiana</i> Cav. (?):					
<i>Banksia collina</i>	New Zealand.....			1	Calif.*
<i>Pestalotia conspicua</i> Servazzi:					
<i>Cattleya</i> sp. (orchid).....	Colombia.....			1	Fla.
<i>Cymbidium devonianum</i> (orchid).....	India.....			1	Calif.*
Orchid.....	Costa Rica, Honduras.....			2	Tex., Wash.
<i>Stanhopea</i> sp. (orchid).....	Mexico.....			1	Tex.
<i>Pestalotia guepini</i> Desm.:					
<i>Camellia</i> sp.....	Azores.....			1	Pa.
<i>Pestalotia leprogena</i> Speg. (?):					
<i>Musa paradisiaca sapientum</i> (banana).....	Netherlands, Guiana.....		1		Pa.
<i>Pestalotia macrotricha</i> Kleb.:					
<i>Rhododendron racemosum</i>	Netherlands.....			1	N. J.
<i>Rhododendron</i> sp.....	do.....			4	N. J., Wash.
<i>Pestalotia pezizoides</i> De N.:					
<i>Humulus</i> sp.....	England.....			1	N. J.
<i>Pestalotia rhododendri</i> (D. Sacc.) Guba:					
<i>Rhododendron indicum</i> (indica azalea).....	Belgium.....			1	N. J.
<i>Rhododendron</i> sp.....	Netherlands.....			3	N. J.

List of pests (diseases) collected and reported from July 1, 1947, to June 30, 1948,
inclusive—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Phacidium tsugae</i> Cash & Davidson: <i>Tsuga</i> sp. (hemlock).....	Canada.....	---	---	1	N. Y.
<i>Phoma citricarpa</i> McAlp.: <i>Citrus limon</i> (lemon).....	Australia, New Zealand.....	---	3	---	Calif.* , Mass.
<i>Citrus paradisi</i> (grapefruit).....	Australia.....	---	1	---	Calif.*
<i>Citrus reticulata</i> (Mandarin orange).....	China.....	17	---	---	Calif.*
<i>Citrus sinensis</i> (orange).....	Australia, China, Spain, Union of South Africa (?).....	6	6	---	Calif.* , Mass., N. Y., Tex.
<i>Citrus</i> sp. (Mandarin-type orange).....	India.....	---	1	---	N. Y.
<i>Citrus</i> sp.....	China.....	1	---	---	N. Y.
<i>Phoma incarceration</i> (Nits.) Sacc.: <i>Rosa</i> sp. (rose).....	Germany.....	---	---	1	N. J.
<i>Phomopsis alnea</i> Hoehn.: <i>Alnus incana pinnatifidula</i>	Finland.....	---	---	1	N. J.
<i>Phomopsis cinerascens</i> Trav.: <i>Ficus</i> sp.....	Greece.....	---	---	1	N. Y.
<i>Phomopsis corni</i> Trav. (?): <i>Cornus</i> sp.....	Canada.....	---	---	1	N. J.
<i>Phomopsis depressa</i> Trav. (?): <i>Syringa</i> sp.....	Netherlands.....	---	---	1	N. J.
<i>Phomopsis magnoliae</i> Died.: <i>Magnolia soulangeana</i> (saucer magnolia).....	do.....	---	---	1	N. J.
<i>Magnolia</i> sp.....	do.....	---	---	1	N. J.
<i>Phomopsis magnolicola</i> Died.: <i>Magnolia</i> sp.....	do.....	---	---	3	N. J.
<i>Phomopsis tineae</i> (Sacc.) Hoehn.: <i>Viburnum</i> sp.....	do.....	---	---	1	N. J.
<i>Phomopsis texana</i> (Sacc. & Syd.) Harter: <i>Solanum melongena</i> (eggplant).....	Mexico.....	---	1	---	Tex.
<i>Phyllachora balansae</i> Speg.: <i>Cedrela</i> sp.....	Panama.....	1	---	---	N. Y.
<i>Phyllachora cynodontis</i> (Sacc.) Niessl: <i>Cynodon dactylon</i> (Bermuda grass).....	India.....	1	---	---	Mass.
<i>Phyllachora engleri</i> Speg.: <i>Anthurium</i> sp.....	Costa Rica.....	1	---	---	Fla.
<i>Phyllosticta camelliae</i> West.: <i>Camellia</i> sp.....	Netherlands.....	---	---	1	N. J.
<i>Phyllosticta cymbidii</i> Verpl.: <i>Cymbidium</i> sp. (orchid).....	Japan.....	---	---	1	Hawaii.
<i>Phyllosticta laetiae</i> Keissl.: <i>Cymbidium</i> sp. (orchid).....	England.....	---	---	1	Calif.*
Orchid.....	Mexico.....	---	---	2	Ariz., Tex.
<i>Phyllosticta limbalis</i> Pers.: <i>Buxus</i> sp.....	Netherlands.....	---	---	2	N. J.
<i>Phyllosticta maculiformis</i> Sacc.: <i>Castanea sativa</i> (chestnut).....	Italy.....	---	---	1	N. Y.
<i>Phyllosticta odontoglossi</i> Verpl. & Claess.: <i>Stanhopea wardii</i> (orchid).....	Panama.....	---	---	1	Fla.
<i>Stanhopea</i> sp.....	Costa Rica.....	---	---	1	Fla.
<i>Phyllosticta sorghina</i> Sacc.: <i>Sorghum vulgare</i> (sorghum).....	Liberia.....	---	---	1	D. C.
<i>Physalospora camptospora</i> Sacc.: <i>Laelia purpurata</i> (orchid).....	Brazil.....	---	---	1	Tex.
<i>Laelia</i> sp.....	Mexico.....	---	---	2	Tex.
<i>Physalospora obtusa</i> (Schw.) Cke.: <i>Pyrus communis</i> (pear).....	Argentina.....	1	---	---	N. Y.
<i>Physalospora orchidearum</i> P. Henn.: <i>Cymbidium</i> sp. (orchid).....	India.....	---	---	1	N. J.
<i>Cypripedium</i> sp. (orchid).....	do.....	---	---	1	N. J.
Orchid.....	do.....	---	---	1	N. J.
<i>Physalospora peribambusina</i> Rehm: Bamboo.....	do.....	1	---	---	N. Y.
<i>Physalospora wildemaniana</i> Sacc. (?): <i>Trichopilia tortilis</i> (orchid).....	Mexico.....	---	---	1	Calif.*
<i>Phytopella fici</i> (Cast.) Arth.: <i>Ficus carica</i> (fig).....	do.....	---	1	1	Tex.
<i>Phytophthora citrophthora</i> (E. H. & R. E. Sm.) Leonian.....	do.....	---	1	---	Tex.
<i>Cucurbita</i> sp. (squash).....	do.....	1	---	---	Tex.
<i>Phytophthora phaseoli</i> Thaxt.: <i>Phaseolus vulgaris</i> var. (string bean).....	do.....	1	---	---	Tex.

List of pests (diseases) collected and reported from July 1, 1947, to June 30, 1948,
inclusive—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Pithya cupressina</i> (Fr.) Fckl.: <i>Juniperus</i> sp.	Netherlands.....	.....	.....	1	N. J.
<i>Plasmodiophora brassicae</i> Wor.: <i>Brassica rapa</i> (turnip) .....	.....do.....	.....	1	.....	Tex.
<i>Pleospora gillettiana</i> Sacc.: <i>Ulex europaeus</i> (gorse)	Ireland.....	.....	.....	1	Mass.
<i>Pleospora herbarum</i> (Pers.) Rab.: <i>Fraxinus excelsior</i> (European ash)	Italy.....	1	.....	.....	N. Y.
<i>Plowrightia virgultorum</i> (Fr.) Sacc.: <i>Betula pendula</i> (European white birch)	Sweden.....	.....	1	.....	Mass.
<i>Polyporus sanguineus</i> Fr.: Wood—truck body.....	Philippines.....	1	.....	.....	Calif.*
<i>Pratylenchus scribneri</i> Steiner: <i>Solanum tuberosum</i> (potato)	Mexico.....	1	.....	.....	Tex.
<i>Pseudomonas fabae</i> (Yu) Breed: <i>Vicia faba</i> (broadbean)	India.....	.....	.....	1	D. C.
<i>Pseudomonas marginata</i> (McCull.) Stapp: <i>Crocus</i> sp.	Netherlands.....	.....	.....	1	N. Y.
<i>Pseudomonas savastanoi</i> (E. F. Sm.) F. L. Stevens: <i>Gladiolus</i> sp.	Azores, Guatemala.....	1	.....	1	N. J., Tex.
<i>Pseudomonas savastanoi</i> (E. F. Sm.) F. L. Stevens: <i>Olea europaea</i> (olive)	Azores.....	1	.....	.....	Mass.
<i>Pseudomonas seminum</i> Cayley: <i>Pisum sativum</i> (pea)	Portugal.....	.....	2	.....	Pa.
<i>Pseudomonas viciae</i> Uyeda: <i>Vicia faba</i> (broadbean)	India.....	.....	.....	1	D. C.
<i>Puccinia longicornis</i> Pat. & Hariot: Bamboo.....	China.....	1	.....	.....	N. Y.
<i>Puccinia magnusiana</i> Koern.: <i>Phragmites communis</i> (reed)	Italy.....	1	.....	.....	N. Y.
<i>Puccinia melanocephala</i> Syd.: Bamboo.....	India.....	.....	.....	1	Mass.
<i>Puccinia ornithogalli-thyrsoides</i> Diet.: <i>Ornithogalum thyrsoides</i> (chinkerichee)	Union of South Africa.....	2	.....	.....	Md., Mass.
<i>Puccinia phragmitis</i> (Schum.) Koern.: <i>Phragmites communis</i> (reed)	Italy.....	.....	1	.....	Pa.
<i>Puccinia rubigo-vera secalis</i> (Eriks.) Carlton: <i>Secale cereale</i> (rye)	Tunisia.....	1	.....	.....	Tex.
<i>Puccinia stakmanii</i> Presley: <i>Gossypium</i> sp. (cotton)	Mexico.....	1	.....	.....	Ariz.
<i>Pyrenopeziza lauri-cerasi</i> (Desm.) Nannf.: <i>Prunus laurocerasus</i> (English cherry-laurel)	Netherlands.....	.....	.....	3	N. J.
<i>Ravenelia siliquae</i> Long: <i>Acacia farnesiana</i>	Mexico.....	1	.....	.....	Tex.
<i>Sclerotinia kernerii</i> Wettst.: <i>Abies alba</i> (silver fir)	Germany.....	1	.....	.....	Pa.
<i>Sclerotinia minor</i> Jagger: <i>Cichorium endivia</i> (endive)	Belgium.....	3	.....	.....	N. Y.
<i>Sclerotopsis concava</i> (Desm.) Shear & Dodge: <i>Hydrangea petiolaris</i> (climbing hydrangea)	Netherlands.....	.....	.....	1	N. J.
<i>Sclerotium cepivorum</i> Berk.: <i>Allium sativum</i> (garlic)	Italy.....	.....	1	.....	Pa.
<i>Sclerotium delphinii</i> Welch: <i>Lilium</i> sp. (lily)	Netherlands.....	.....	.....	2	N. Y.
<i>Sclerotium oryzae</i> Catt.: <i>Oryza sativa</i> (rice)	China, Japan.....	1	3	.....	Calif.,* D. C.
<i>Septoria arethusa</i> Penz.: <i>Citrus limon</i> (lemon)	Argentina.....	.....	1	.....	Mass.
<i>Septoria azaleae</i> Vogl.: <i>Rhododendron</i> sp.	Belgium, Netherlands.....	.....	.....	10	N. J., Wash.
<i>Septoria cercosporoides</i> Trill: <i>Chrysanthemum</i> sp.	Mexico.....	1	.....	.....	Tex.
<i>Septoria dianthi</i> Desm. (?): <i>Dianthus</i> sp.	New Zealand.....	.....	.....	1	Calif.*
<i>Septoria nodorum</i> Berk.: <i>Triticum aestivum</i> (wheat)	England.....	1	.....	.....	Kans.
<i>Septoria pisi</i> West.: <i>Pisum sativum</i> (pea)	Spain.....	.....	1	.....	Pa.

List of pests (diseases) collected and reported from July 1, 1947, to June 30, 1948,
inclusive—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Septoria posekensis</i> Sacc.:					
<i>Cymbidium devonianum</i> (orchid).....	India.....			5	Calif.*
<i>Cymbidium whiteae</i>	do.....			5	Calif.*
<i>Cymbidium</i> sp.....	do.....			1	Calif.*
<i>Cypripedium fairleanum</i> (orchid).....	do.....			5	Calif.,* N. J.
<i>Cypripedium insigne</i>	do.....			3	Calif.*
<i>Septoria vincae</i> Desm.:					
<i>Vinca minor</i> (periwinkle).....	Netherlands.....			1	N. J.
<i>Sphaceloma faucentii</i> Bitanc. & Jenkins var. <i>scabiosa</i> (McAlp. & Tryon) Jenkins:					
<i>Citrus limon</i> (lemon).....	Australia.....		1		Mass.
<i>Sphacelotheca trachypogonis</i> Zundel:					
<i>Trachypogon montufari</i> (crinkleawn).....	Brazil.....			1	D. C.
<i>Sphaeropsis ellisii</i> Sacc.:					
<i>Pinus</i> sp. (pine).....	Italy.....	1			Pa.
<i>Sphaeropsis malorum</i> Pk.:					
<i>Salix alba vittelina</i> (yellowstem white willow).....	Union of Soviet Socialist Republics.....			1	D. C.
<i>Salix</i> sp.....	Argentina.....		1		Pa.
<i>Sphaeropsis salicicola</i> Pass.:					
Wood.....	Portugal.....	1			Pa.
<i>Sphenospora kevorkianii</i> Linder:					
<i>Stanhopea</i> (?) sp. (orchid).....	Ecuador.....			1	Tex.
<i>Stachybotrys subsimplex</i> Cke.:					
<i>Brassica rapa</i> (turnip).....	Australia.....		1		Calif.*
<i>Stachylidium theobromae</i> Turc.:					
<i>Musa paradisiaca</i> (plantain).....	Costa Rica, Cuba, 11 Honduras.....				N. Y.
<i>Musa paradisiaca sapientum</i> (banana).....	Canal Zone, Costa Rica, Ecuador, Guatemala, Haiti, Honduras, Mexico, Panama, St. Lucia.....	32	2		Calif.,* N. Y., Wash.
<i>Stagonospora curtisii</i> (Berk.) Sacc. (?):					
<i>Narcissus</i> sp.....	Australia.....			1	Calif.*
<i>Stagonospora ilicis</i> Grove:					
<i>Ilex aquifolium</i> (English holly).....	England.....			1	N. Y.
<i>Stemphylium botryosum</i> Wallr.:					
<i>Allium porrum</i> (leek).....	France.....		1		Pa.
<i>Cucumis melo</i> var. honeydew.....	Chile.....	1			N. Y.
<i>Dianthus</i> sp. (carnation).....	Mexico.....	1			Tex.
<i>Lycopersicon esculentum</i> (tomato).....	Canary Islands, Morocco.....	2	1		N. Y.
<i>Pennisetum</i> sp.....	Pretoria.....			1	D. C.
<i>Pitiosporum</i> sp.....	Bermuda.....			1	Md.
<i>Stemphylium ilicis</i> Tengwall:					
<i>Capsicum frutescens</i> (pepper).....	Mexico.....	4			Ariz., Tex.
<i>Hyacinthus</i> sp.....	Netherlands.....			4	N. Y., Pa., Tex.
<i>Muscari</i> sp.....	do.....			2	Pa., S. C.
<i>Stereum fasciatum</i> Schw.:					
Orchid.....	Mexico.....			1	Tex.
<i>Stevensea wrightii</i> (Stevens) Trott.:					
Cactus.....	do.....			1	Tex.
<i>Stilbum incarnatum</i> Wakk.:					
<i>Colocasia esculenta</i> (dasheen).....	China.....	1			Calif.*
<i>Eleocharis dulcis</i> (waternut).....	do.....	2			Calif.*
<i>Nymphaea</i> sp. (waterlily).....	do.....	1			N. Y.
<i>Trapa natans</i> (waterchestnut).....	do.....	1			Calif.*
<i>Zingiber officinale</i> (ginger).....	do.....	1			Calif.*
<i>Thecopora areolata</i> (Fr.) Magn.:					
<i>Prunus padus</i> ("bird" cherry).....	Finland.....			1	Wash.
<i>Thielariopsis basicola</i> (Berk. & Br.) Ferr.:					
<i>Begonia</i> sp.....	Belgium, France, Netherlands.....			3	N. J., N. Y.
<i>Sinningia</i> sp. (gloxinia).....	Belgium, Netherlands.....			12	N. J., N. Y., Pa.
<i>Tilletia rugispora</i> Ell. & Gall.:					
<i>Paspalum</i> sp.....	Brazil.....			2	D. C.
"Tomato pox":					
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	14			Tex.
<i>Tranzschelia pruni-spinosae</i> (Pers.) Diet.:					
<i>Prunus persica</i> (peach).....	do.....		1		Tex.
<i>Prunus</i> spp.....	do.....		1		La.

List of pests (insects) collected and reported from July 1, 1947 to June 30, 1948,
inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Triposporium stelligerum</i> Speg.: <i>Gardenia augusta</i> (gardenia).....	Mexico.....	1			Tex.
<i>Trochila ilicis</i> (Chev. ex Fr.) Crouan: <i>Ilex aquifolium</i> (English holly).....	British Columbia.....	1			Mich.
<i>Tubercularia vulgaris</i> Tode ex Fr.: <i>Sorbus</i> sp.....	Netherlands.....			1	N. J.
<i>Uredo behnickiana</i> P. Henn.: <i>Laelia anceps</i> (orchid).....	Mexico.....			1	Tex.
<i>Laelia gouldiana</i>	do.....			1	Tex.
<i>Uredo epidendri</i> P. Henn.: <i>Epidendrum anceps</i> or <i>E. rigidum</i> (orchid).....	do.....			1	Tex.
<i>Oncidium</i> (?) sp. (orchid).....	Honduras.....			1	Fla.
<i>Uredo guacae</i> Mayor: <i>Cattleya</i> (?) sp. (orchid).....	Venezuela.....			1	P. R.
<i>Stanhopea graveolens</i> (orchid).....	Brazil.....			1	Calif.*
<i>Stanhopea</i> sp.....	Mexico, Peru.....			2	P. R., Tex.
<i>Uredo ignava</i> Arth.: <i>Bambusa vulgaris</i> (bamboo).....	Unknown.....			1	N. Y.
<i>Bambusa</i> sp. (bamboo).....	China.....			1	D. C.
<i>Uredo oncidii</i> P. Henn.: <i>Oncidium</i> sp. (orchid).....	Mexico.....			3	Tex.
<i>Uredo scabies</i> Cke.: <i>Vanilla planifolia</i> (orchid).....	Nicaragua.....			1	D. C.
<i>Vanilla pompona</i>	Canal Zone.....			1	N. J.
<i>Vanilla</i> sp.....	Nicaragua.....			1	Fla.
<i>Urocystis colchici</i> (Schlecht.) Rab.: <i>Colchicum autumnale</i> (autumn-crocus).....	Netherlands.....			10	N. J.
<i>Colchicum bornmuelleri</i> (bornmueller autumn-crocus).....	do.....			1	N. J.
<i>Colchicum</i> sp.....	England, Netherlands.....			10	N. J.
<i>Urocystis oculata</i> (Wallr.) Rab.: <i>Secale cereale</i> (rye).....	Tunisia.....	1			Tex.
<i>Uromyces alyziae</i> Arth.: <i>Alyxia olivaeformis</i>	Hawaii.....	1			Calif.*
<i>Uromyces baeumerianus</i> Bub.: <i>Melilotus messanensis</i>	Egypt.....			1	N. Y.
<i>Uromyces dolicholi</i> Arth.: <i>Cajanus cajan</i> (pigeonpea).....	Puerto Rico.....	1			N. Y.
<i>Uromyces fabae</i> (Pers.) DBy.: <i>Vicia</i> sp.....	Greece, Netherlands.....	2			Fla.*, N. Y.
<i>Uromyces striatus</i> Schroet. var. <i>medicaginis</i> (Pass.) Arth.: <i>Medicago sativa</i> (alfalfa).....	Argentina, Mexico.....	1	1		N. Y., Tex.
<i>Ustilago kenjiana</i> Ito (?): <i>Sorghum vulgare</i> (sorghum).....	Arabia.....			1	D. C.
<i>Venturia pyrina</i> Aderh.: <i>Cydonia oblonga</i> (quince).....	Italy.....	1			N. Y.
<i>Vermicularia dematium</i> Fr.: <i>Amaryllis</i> sp.....	Azores.....			1	Mass.
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1			Tex.
<i>Verticillidochium tubercularioides</i> (Speg.) Bub.: <i>Daucus carota</i> (carrot).....	Sweden.....			1	Tex.
<i>Verticillium buxi</i> Auers. & Fleisch.: <i>Buxus</i> sp.....	Netherlands.....			1	N. J.
<i>Xanthomonas citri</i> (Hasse) Dowson: <i>Citrus aurantifolia</i> (sour lime).....	India.....			5	Md., Mass., N. Y.
<i>Citrus paradisi</i> (grapefruit).....	Philippines.....			1	Calif.*
<i>Xanthomonas hyacinthi</i> (Wakk.) Dowson: <i>Hyacinthus</i> sp.....	Netherlands.....			4	Mich., N. Y., S. C.

Hosts and diseases

ABIES:

Sclerotinia kernerii (Ascomycetes)

ACACIA:

Ravenelia siliquae (Promycetes)

ACER:

Nectria cinnabarina (Ascomycetes)

AERIDES:

Diplodia paraphysaria (Deuteromycetes)

ALLIUM PORRUM:

Stemphylium botryosum (Deuteromycetes)

ALLIUM SATIVUM:

Aphelenchoides ritzema-bosi (Nematoda)

Ditylenchus dipsaci (Nematoda)

Sclerotium cepivorum (Deuteromycetes)

ALNUS:

Phomopsis alnea (Deuteromycetes)

ALYXIA:

Uromyces alyziae (Promycetes)

AMARYLLIS:

Vermicularia dematium (Deuteromycetes)

ANTHURIUM:

Pestalotia anthurii (Deuteromycetes)

Phyllachora englerii (Ascomycetes)

ANTIRRHINUM:

Ascochyta decipiens (Deuteromycetes)

BAMBOO:

Papularia sphaerosperma (Deuteromycetes)

Physalospora peribambusina (Ascomycetes)

Puccinia longicornis (Promycetes)

Puccinia melanocephala (Promycetes)

BAMBUSA:

Cytospora lirella (Deuteromycetes)

Diplodia bambusae (Deuteromycetes)

Uredo ignava (Promycetes)

BANKSIA:

Pestalotia banksiana (?) (Deuteromycetes)

BEGONIA:

Papulaspora magnifica (?) (Deuteromycetes)

Thielaviopsis basicola (Deuteromycetes)

BETULA:

Flourenthia virgultorum (Ascomycetes)

BRASSICA RAPA:

Plasmodiophora brassicae (Myxomycetes)

Stachybotrys sub simplex (Deuteromycetes)

BUXUS:

Phyllosticta limbalis (Deuteromycetes)

Verticillium buxi (Deuteromycetes)

CACTUS:

Diaporthe dubia (?) (Ascomycetes)

Perisporium wrightii (Ascomycetes)

CAJANUS:

Diplodia theobromae (Deuteromycetes)

Uromyces dolicholii (Promycetes)

CAMELLIA:

Pestalotia guepini (Deuteromycetes)

Phyllosticta camelliae (Ascomycetes)

CAPSICUM:

Epicoecum nigrum (Deuteromycetes)

Gloeosporium piperatum (Deuteromycetes)

Helminthosporium carposaprum (Deuteromycetes)

Hormodendron cladosporioides (Deuteromycetes)

Myrothecium rosidum (Deuteromycetes)

Stemphylium ilicis (Deuteromycetes)

CASTANEA:

Cytospora ceratophora (Deuteromycetes)

Fusicoccum cinctum (Deuteromycetes)

Marsonina ochroleuca (Deuteromycetes)

Phyllosticta maculiformis (Deuteromycetes)

CATTLEA:

Dendryphium toruloides var. *taurinese* (Deuteromycetes)

Diplodia paraphysaria (Deuteromycetes)

Macrophoma cattleyicola (Deuteromycetes)

Pestalotia conspicua (Deuteromycetes)

Uredo guacae (Promycetes)

CEDRELA:

Phyllachora balansae (Ascomycetes)

CHRYSANTHEMUM:

Septoria cercosporoides (Deuteromycetes)

CICHORIUM:

Ascochyta cichorii (Deuteromycetes)

Sclerotinia minor (Ascomycetes)

CINNAMOMUM:

Gloeosporium cinnamomi (Deuteromycetes)

CITRUS AURANTIFOLIA:

Xanthomonas citri (Schizomycetes)

CITRUS LIMON:

Elsinoe australis (Ascomycetes)

Phoma citricarpa (Deuteromycetes)

Septoria arethusa (Deuteromycetes)

Sphaeloma fauettii var. *scabiosa* (Deuteromycetes)

CITRUS PARADISI:

Phoma citricarpa (Deuteromycetes)

Xanthomonas citri (Schizomycetes)

CITRUS RETICULATA:

Phoma citricarpa (Deuteromycetes)

CITRUS SINENSIS:

Alternaria citri (Deuteromycetes)

Ascochyta citri (Deuteromycetes)

Elsinoe australis (Ascomycetes)

Phoma citricarpa (Deuteromycetes)

CITRUS SP.:

Ascochyta citri (Deuteromycetes)

Elsinoe australis (Ascomycetes)

Phoma citricarpa (Deuteromycetes)

COLCHICUM:

Ditylenchus dipsaci (Nematoda)

Ditylenchus iridis (Nematoda)

Urocystis colchici (Promycetes)

COLOCASIA:

Aphelenchoides bicaudatus (Nematoda)

Gliomastix convoluta (Deuteromycetes)

Stilbum incarnatum (Deuteromycetes)

CORNUS:

Phomopsis corni (Deuteromycetes)

CROCUS:

Ditylenchus iridis (Nematoda)

Fusarium bulbigenum (Deuteromycetes)

Pseudomonas marginata (Schizomycetes)

CUCUMIS:

Stemphylium botryosum (Deuteromycetes)

CUCURBITA:

Phytophthora citrophthora (Phycomycetes)

CYDONIA:

Gloeosporium fructigenum (Deuteromycetes)

Venturia pyrina (Ascomycetes)

CYMBIDIUM:

Melanospora zamiae (Ascomycetes)

Pestalotia conspicua (Deuteromycetes)

Phyllosticta cymbidii (Deuteromycetes)

Phyllosticta laeliae (Deuteromycetes)

Physalospora orchidearum (Ascomycetes)

Septoria posekensis (Deuteromycetes)

CYNODON:

Phyllachora cynodontis (Ascomycetes)

CYPRIPEDIUM:

Physalospora orchidearum (Ascomycetes)

Septoria posekensis (Deuteromycetes)

DAHLIA:

Coleosporium dahliae (Promycetes)

DASYLIRION:

Coniothyrium hysterioides (Deuteromycetes)

DAUCUS:

Macrophoma phaseoli (Deuteromycetes)

Verticillidochium tubercularioides (Deuteromycetes)

DENDROBIUM:

Diplodia paraphysaria (Deuteromycetes)

DEUTZIA:

Nectria cinnabarina (Ascomycetes)

DIANTHUS:

Heteropatella vattelinensis (Deuteromycetes)

Septoria dianthi (?) (Deuteromycetes)

Stemphylium botryosum (Deuteromycetes)

ELEOCHARIS:

Gliomastix convoluta (Deuteromycetes)

Stilbum incarnatum (Deuteromycetes)

EPIDENDRUM:

Diplodia paraphysaria (Deuteromycetes)

Uredo epidendri (Promycetes)

ERIOBOTRYA:

Fusicladium eriobotryae (Deuteromycetes)

EUCALYPTUS:

Aulographum eucalypti (Ascomycetes)

FAGUS:

Asterosporium hoffmanni (Deuteromycetes)

Fusicoccum galericulatum (Deuteromycetes)

FICUS:

Phomopsis cinerascens (Deuteromycetes)

Physopella fici (Promycetes)

FRAXINUS:

Ascochyta frazzini (Deuteromycetes)

Pleospora herbarum (Ascomycetes)

Hosts and diseases—Continued

GALANTHUS:

Botrytis galanthina (Deuteromycetes)

GARDENIA:

Omphalia flavida (Deuteromycetes)

Triposporium stelligerum (Deuteromycetes)

GAULTHERA:

Ceuthospora lunata (Deuteromycetes)

GENISTA:

Coniothyrium genistae (Deuteromycetes)

GLADIOLUS:

Botrytis gladiolorum (Deuteromycetes)

Fusarium oxysporum var. *gladioli* (Deuteromycetes)

Pseudomonas marginata (Schizomycetes)

GOSSYPIUM:

Cercospora gossypina (Deuteromycetes)

Puccinia stakmanii (Promycetes)

HELLEBORUS:

Coniothyrium hellebori (Deuteromycetes)

HIBISCUS:

Colletotrichum hibisci (?) (Deuteromycetes)

HUMULUS:

Pestalotia peizizioides (Deuteromycetes)

HYACINTHUS:

Stemphylium ilicis (Deuteromycetes)

Xanthomonas hyacinthi (Schizomycetes)

HYDRANGEA:

Sclerotopsis concava (Deuteromycetes)

ILEX:

Stagonospora ilicis (Deuteromycetes)

Trochilia ilicis (Ascomycetes)

IPOMOEA:

Fusarium oxysporum (Deuteromycetes)

Macrophoma phaseoli (Deuteromycetes)

IRIS:

Ditylenchus iridis (Nematoda)

Leptosphaeria heterospora (Ascomycetes)

JUGLANS:

Marsonia juglandis (Deuteromycetes)

JUNIPERUS:

Lophodermium juniperinum (Ascomycetes)

Pithya cupressina (Ascomycetes)

LAELIA:

Physalospora campispora (Ascomycetes)

Uredo behnickiana (Promycetes)

LILIUM:

Aphelenchoides parietinus (Nematoda)

Botrytis elliptica (Deuteromycetes)

Colletotrichum lilii (Deuteromycetes)

Sclerotium delphinii (Deuteromycetes)

LYCOPERSICON:

Helminthosporium carposaprum (Deuteromycetes)

Hormodendron cladosporioides (Deuteromycetes)

Myrothecium roridum (Deuteromycetes)

Stemphylium botrysosum (Deuteromycetes)

"Tomato pox"

Vermicularia dematium (Deuteromycetes)

MAGNOLIA:

Nectria cinnabarina (Ascomycetes)

Phomopsis magnoliae (Deuteromycetes)

Phomopsis magnoliicola (Deuteromycetes)

MAHONIA:

Cumminsia sanguinea (Promycetes)

MALUS:

Cytospora ambiens (Deuteromycetes)

Elsinoe piri (Ascomycetes)

Leptothyrium pomi (Deuteromycetes)

Monilinia fructigena (Ascomycetes)

MANGIFERA:

Diplodia theobromae (Deuteromycetes)

MANIHOT:

Diplodia theobromae (Deuteromycetes)

MEDICAGO:

Uromyces striatus var. *medicaginis* (Promycetes)

MELILOTUS:

Uromyces baumerianus (Promycetes)

MORUS:

Botryosphaeria ribis (?) (Ascomycetes)

Cytospora atra (Deuteromycetes)

MUSA PARADISIACA:

Diplodia theobromae (Deuteromycetes)

Macrophoma musae (Deuteromycetes)

Stachylium theobromae (Deuteromycetes)

MUSA PARADISIACA SAPIENTUM:

Cercospora musae (Deuteromycetes)

Pestalotia leprogena (?) (Deuteromycetes)

Stachylium theobromae (Deuteromycetes)

MUSCARI:

Stemphylium ilicis (Deuteromycetes)

NARCISSUS:

Aphelenchoides subtennis (Nematoda)

Ditylenchus dipsaci (Nematoda)

Fusarium bulbigenum (Deuteromycetes)

Stagonospora curtisii (?) (Deuteromycetes)

NERIUM:

Cercospora nerii (Deuteromycetes)

NICOTIANA:

Cercospora nicotianae (Deuteromycetes)

NYMPHAEA:

Stilbum incarnatum (Deuteromycetes)

ODONTOGLOSSUM:

Cercospora angraci (Deuteromycetes)

Memoniella echinata (Deuteromycetes)

OLEA:

Gloeosporium olivarum (Deuteromycetes)

Pseudomonas savastanoi (Schizomycetes)

ONCIDIUM:

Diplodia paraphysaria (Deuteromycetes)

Hemileia oncidii (Promycetes)

Uredo epidendri (Promycetes)

Uredo oncidii (Promycetes)

ORCHID:

Pestalotia conspicua (Deuteromycetes)

Phyllosticta laeliae (Deuteromycetes)

Physalospora orchidearum (Ascomycetes)

Stereum fasciatum (Basidiomycetes)

ORNITHOGALUM:

Ditylenchus dipsaci (Nematoda)

Puccinia ornithogali-thyrsoides (Promycetes)

ORYZA:

Gnomastix convoluta (Deuteromycetes)

Helminthosporium oryzae (Deuteromycetes)

Mycosphaerella hondai (Ascomycetes)

Neovossia horrida (Promycetes)

Nigrospora sphaerica (Deuteromycetes)

Sclerotium oryzae (Deuteromycetes)

PASPALUM:

Tilletia rugispora (Promycetes)

PENNISETUM:

Stemphylium botrysosum (Deuteromycetes)

PERSEA:

Dothiorella gregaria (Deuteromycetes)

PHASEOLUS LUNATUS MACROCARPUS:

Elsinoe phaseoli (Ascomycetes)

PHASEOLUS VULGARIS var. (string bean):

Phytophthora phaseoli (Phycomycetes)

PHRAGMITES:

Puccinia magnusiana (Promycetes)

Puccinia phragmitis (Promycetes)

PHYSALIS:

Cercospora physalicola (Deuteromycetes)

PINUS:

Cryptospora longispora (Ascomycetes)

Sphaeropsis ellisii (Deuteromycetes)

PISUM:

Ascochyta pisi (Deuteromycetes)

Mycosphaerella pinodes (Ascomycetes)

Pseudomonas seminum (Schizomycetes)

Septoria pisi (Deuteromycetes)

PITTOSPORUM:

Stemphylium botrysosum (Deuteromycetes)

POLIANTHUS:

Heterodera marioni (Nematoda)

POPULUS:

Diplodia populina (Deuteromycetes)

PROSOPIS:

Gloeosporium leguminum (Deuteromycetes)

PRUNUS CERASIFERA:

Monilinia laxa (Deuteromycetes)

PRUNUS LAUROCERASUS:

Gloeosporium phacidiellum (Deuteromycetes)

Pyrenopeziza lauri-cerasi (Ascomycetes)

PRUNUS PADUS:

Thecopsora areolata (Deuteromycetes)

PRUNUS PERSICA:

Coryneum beijerinckii (Deuteromycetes)

Tranzschelia pruni-spinosae (Promycetes)

PRUNUS SP. (cherry):

Monilinia laxa (Deuteromycetes)

PRUNUS SP.:

Tranzschelia pruni-spinosae (Promycetes)

PUERARIA:

Melanospora zamiae (Ascomycetes)

PUNICA:

Mycosphaerella lythracearum (Ascomycetes)

Hosts and diseases—Continued

- PYRACANTHA:**
Fusicladium pyracanthae (Deuteromycetes)
- PYRUS:**
Physalospora obtusa (Ascomycetes)
- RHODODENDRON:**
Cercospora handelii (Deuteromycetes)
Discosia artocreas (Deuteromycetes)
Erobiasidium vaccinii (Basidiomycetes)
Gloeosporium rhododendri (?) (Deuteromycetes)
Gloniopsis levantica (Ascomycetes)
Heterosporium variabile (Deuteromycetes)
Mycosphaerella rhododendri (Ascomycetes)
Pestalotia macrotricha (Deuteromycetes)
Pestalotia rhododendri (Deuteromycetes)
Septoria azalea (Deuteromycetes)
- ROSA:**
Cercospora rosicola (Deuteromycetes)
Coniothyrium diplodiella (Deuteromycetes)
Mycosphaerella rosigena (Ascomycetes)
Phoma incarcerationa (Deuteromycetes)
- RUSCUS:**
Leptosphaeria rusci (Ascomycetes)
- SALIX:**
Cytospora chrysosperma (Deuteromycetes)
Sphaeropsis malorum (Deuteromycetes)
- SANSEVIERIA:**
Gloeosporium sansevieriae (Deuteromycetes)
- SECALE:**
Puccinia rubigo-pera secalis (Promycetes)
Urocystis occulata (Promycetes)
- SENECIO:**
Coleosporium senecionis (Promycetes)
- SINNINGIA:**
Thielaviopsis basicola (Deuteromycetes)
- SOLANUM MELONGENA:**
Phomopsis vexans (Deuteromycetes)
- SOLANUM TUBEROSUM:**
Aphelenchus asenae (Nematoda)
Memnoniella echinata (Deuteromycetes)
Panagrolaimus rigidus (?) (Nematoda)
Pratylenchus scribneri (Nematoda)
- SORBUS:**
Tubercularia vulgaris (Deuteromycetes)
- SORGHUM:**
Phylllosticta sorghina (Deuteromycetes)
Ustilago kenjiana (?) (Promycetes)
- STANTHOPEA:**
Pestalotia conspicua (Deuteromycetes)
Phylllosticta odontoglossi (Deuteromycetes)
Sphenospora kevorkianii (Promycetes)
Uredo guacae (Promycetes)
- SYRINGA:**
Phomopsis depressa (?) (Deuteromycetes)
- TIGRIDIA:**
Ditylenchus iridis (Nematoda)
- TRACHYPAGON:**
Sphacelotheca trachypogonis (Promycetes)
- TRAPA:**
Stilbum incarnatum (Deuteromycetes)
- TRICHOPILIA:**
Physalospora wildemaniana (Ascomycetes)
- TRITICUM:**
Septoria nodorum (Deuteromycetes)
- TSUGA:**
Phacidium tsugae (Ascomycetes)
- ULEX:**
Coniothyrium olivaceum (Deuteromycetes)
Pleospora gillettiana (Ascomycetes)
- VANILLA:**
Colletotrichum vanillae (Deuteromycetes)
Uredo scabies (Promycetes)
- VIBURNUM:**
Phomopsis tineae (Deuteromycetes)
- VICIA:**
Pseudomonas fabae (Schizomycetes)
Pseudomonas viciae (Schizomycetes)
Uromyces fabae (Promycetes)
- VINCA:**
Septoria vincae (Deuteromycetes)
- VIOLA:**
Cercospora violae (Deuteromycetes)
- ZINGIBER:**
Gliomastix convoluta (Deuteromycetes)
Melanospora zamiae (Ascomycetes)
Stilbum incarnatum (Deuteromycetes)
- ZINNIA:**
Cercospora zinniae (Deuteromycetes)

Hosts Unknown

- VINE ROOTS:**
Aphelenchoides bicaudatus (Nematoda)
Heterodera marioni (Nematoda)
- WOOD:**
Polyporus sanguineus (Basidiomycetes)
Sphaeropsis salicicola (Deuteromycetes)

Countries of origin and diseases

- ARABIA:**
Ustilago kenjiana (?)
- ARGENTINA:**
Coleosporium senecionis
Cytospora chrysosperma
Elsinoe australis
Physalospora obtusa
Septoria arethusa
Sphaeropsis malorum
Uromyces striatus var. *medicaginis*
- AUSTRALIA:**
Aulographum eucalypti
Colletotrichum lilii
Phoma citricarpa
Sphaceloma fawcettii var. *scabiosa*
Stachybotrys subsimplex
Stagonospora curtisii (?)
- AZORES:**
Ascochyta citri
Pestalotia guepini
Pseudomonas marginata
Pseudomonas savastanoi
Vermicularia dematium
- BELGIUM:**
Ascochyta cichorii
Cercospora handelii
Cumminsia sanguinea
Pestalotia rhododendri
Sclerotinia minor
Septoria azaleae
Thielaviopsis basicola
- BERMUDA:**
Cercospora neriella
Gloeosporium sansevieriae
Mycosphaerella rosigena
Stemphylium botryosum
- BRAZIL:**
Diplodia theobromae
Elsinoe australis
Gloeosporium piperatum
Hemileia oncidii
Physalospora campptospora
Sphacelotheca trachypogonis
Tilletia rugispora
Uredo guacae
- BRITISH COLUMBIA:**
Trochila ilicis
- CANADA:**
Cercospora violae
Coniothyrium genistae
Heteropeltella vattelinensis
Phacidium tsugae
Phomopsis corni
- CANAL ZONE:**
Cercospora musae
Stachytlidium theobromae
Uredo scabies
- CANARY ISLANDS:**
Stemphylium botryosum
- CHILE:**
Stemphylium botryosum

Countries of origin and diseases—Continued

CHINA:

Colletotrichum lilii
Gliomastix convoluta
Melanospora zamiae
Mycosphaerella hondai
Nigrospora sphaerica
Phoma citricarpa
Puccinia longicornis
Sclerotium oryzae
Stilbum incarnatum
Uredo ignava

COLOMBIA:

Diplodia paraphysaria
Macrophoma cattleyicola
Pestalotia conspicua

COSTA RICA:

Cercospora musae
Dendryphium toruloides var. *taurinese*
Pestalotia conspicua
Phyllachora engleri
Phyllosticta odontoglossi
Stachylidium theobromae

CUBA:

Cercospora musae
Cercospora nicotianae
Cercospora rosicola
Colletotrichum vanillae
Diplodia theobromae
Macrophomina phaseoli
Stachylidium theobromae

CYPRUS:

Aphelenchoides bicaudatus

DOMINICA:

Cercospora musae
Gloeosporium cinnamomi

DOMINICAN REPUBLIC:

Cercospora musae
Gloeosporium leguminum
Macrophoma musae
Stachylidium theobromae

DUTCH GUIANA:

Cercospora musae
Pestalotia leprogena (?)

ECUADOR:

Sphenospora kevorkianii
Stachylidium theobromae

EGYPT:

Diplodia theobromae
Uromyces baumerianus

ENGLAND:

Aphelenchoides parietinus
Ascochyta decipiens
Cercospora angraci
Cytospora ambiens
Ditylenchus dipsaci
Ditylenchus iridis
Gloeosporium rhododendri (?)
Monilinia laza
Pestalotia pezizoides
Phyllosticta laeliae
Septoria nodorum
Stagonospora ulicis
Urocystis colchici

FINLAND:

Phomopsis alnea
Thecospora areolata

FRANCE:

Aphelenchus avenae
Ascochyta pisi
Cercospora angraci
Coniothyrium diploidiella
Cytospora ceratospora
Hormodendron cladosporioides
Leptothyrium pomi
Stemphylium botryosum
Thielaviopsis basicola

FRENCH GUIANA:

Diplodia paraphysaria

GERMANY:

Phoma incarcerata
Sclerotinia kernerii

GREECE:

Phomopsis cinerascens
Uromyces fabae

GUAM:

Colletotrichum hibisci (?)

GUATEMALA:

Cercospora musae
Pestalotia anthurii
Pseudomonas marginata
Stachylidium theobromae

HAITI:

Stachylidium theobromae

HAWAII:

Uromyces alyziae

HONDURAS:

Cercospora musae
Diplodia paraphysaria
Pestalotia conspicua
Stachylidium theobromae
Uredo epidendri

INDIA:

Colletotrichum lilii
Melanospora zamiae
Neovossia horrida
Pestalotia conspicua
Phoma citricarpa
Phyllachora cynodontis
Physalospora orchidearum
Physalospora peribambusina
Pseudomonas fabae
Pseudomonas viciae
Puccinia melanocephala
Septoria posekensis
Xanthomonas citri

IRELAND:

Coniothyrium olivaceum
Pleospora gillettiana

ITALY:

Ascochyta citri
Ascochyta frazzini
Coryneum betterincki
Fusicoccum cinctum
Gloeosporium olivarum
Leptosphaeria rusci
Marsonina juglandis
Marsonina ochroleuca
Phyllosticta maculiformis
Pleospora herbarum
Puccinia magnusiana
Puccinia phragmitis
Sclerotium cepivorum
Sphaeropsis ellisii
Venturia pyrina

JAPAN:

Botryosphaeria ribis (?)
Botrytis elliptica
Colletotrichum lilii
Cytospora atra
Gliomastix convoluta
Helminthosporium oryzae
Mycosphaerella hondai
Phyllosticta cymbidii
Sclerotium oryzae

LIBERIA:

Phyllosticta sorghina

MALAYSIA:

Papularia sphaerosperma

MEXICO:

Alternaria citri
Aphelenchoides ritzema-bosi
Aphelenchus avenae
Cercospora gossypina
Cercospora musae
Cercospora physalicola (?)
Cercospora rosicola
Coleosporium dahliae
Coniothyrium hysteroideum
Cytospora lirella
Diaporthe dubia (?)
Diplodia bambusae
Diplodia paraphysaria
Ditylenchus dipsaci
Dothiorella gregaria
Epicoccum nigrum
Fusarium oxysporium
Gloeosporium fructigenum
Helminthosporium carposaprum
Heterodera marioni
Hormodendron cladosporioides
Macrophomina phaseoli
Memnoniella echinata
Myrothecium roridum
Omphalia flavidia

Countries of origin and diseases—Continued

MEXICO—Continued

Perisporium wrightii
Pestalotia conspicua
Phomopsis vezans
Phyllosticta laeliae
Physalospora camptospora
Physalospora wildemaniana (?)
Physopepla fici
Phytophthora citrophthora
Phytophthora phaseoli
Pratylenchus scribneri
Puccinia stakmanii
Ravenelia siliquae
Septoria cercosporoides
Stachyliidium theobromae
Stemphylium botryosum
Stemphylium ilicis
Stereum fasciatum
 "Tomato pox"
Tranzschelia pruni-spinosae
Tripodsporium steigerum
Uredo behnickiana
Uredo epidendri
Uredo guacae
Uredo oncidii
Uromyces striatus var. *medicaginis*
Vermicularia dematium

MOROCCO:

Marsonina juglandis
Stemphylium botryosum

NETHERLANDS:

Aphelenchoides subtennis
Asterosporium hoffmanni
Botrytis galanthina
Botrytis gladiolorum
Cercospora handelii
Ceuthospora lunata
Coniothyrium hellebori
Cumminsella sanguinea
Discosia artocreas
Ditylenchus dipsaci
Ditylenchus iridis
Ezobasidium vaccinii
Fusarium bulbigenum
Fusicladium pyracanthae
Fusicoccum galericulatum
Fusarium oxysporum var. *gladioli*
Gloeosporium phacidium
Gloniopsis levantica
Heterosporium variabile
Leptosphaeria heterospora
Lophodermium juniperinum
Mycosphaerella rhododendri
Nectria cinnabarina
Panagrolaimus rigidus (?)
Papulaspora magnifica (?)
Pestalotia macrotricha
Pestalotia rhododendri
Phomopsis depressa (?)
Phomopsis magnoliae
Phomopsis magnoliicola
Phomopsis tiniae
Phyllosticta camelliae
Phyllosticta limbalis
Pithya cupressina
Plasmodiophora brassicae
Pseudomonas marginata
Pyrenopeziza lauri-cerasi
Sclerotium concava
Sclerotium delphinii
Septoria azalea
Septoria vincae
Stemphylium ilicis
Thielaviopsis basicola

NETHERLANDS—Continued

Tubercularia vulgaris
Uromyces fabae
Urocystis colchici
Verticillium buxi
Xanthomonas hyacinthi

NEW ZEALAND:

Cryptospora longispora
Monilinia laxa
Pestalotia banksiana (?)
Phoma citricarpa
Septoria dianthi (?)

NICARAGUA:

Cercospora musae
Uredo scabiae

NORWAY:

Nectria cinnabarina

OKINAWA:

Aphelenchoides bicaudatus
Heterodera marioni

PANAMA:

Cercospora musae
Diplodia theobromae
Phyllachora balansae
Phyllosticta odontoglossi
Stachyliidium theobromae

PARAGUAY:

Elsinoe australis

PERU:

Uredo guacae

PHILIPPINES:

Diplodia paraphysaria
Polyporus sanguineus
Xanthomonas citri

PORTUGAL:

Diplodia populina
Fusicladium eriobotryae
Mycosphaerella pinodes
Pseudomonas seminum
Sphaeropsis salicicola

PRETORIA:

Stemphylium botryosum

PUERTO RICO:

Elsinoe phaseoli
Mycosphaerella lythracearum
Uromyces dolicholi

ST. LUCIA:

Stachyliidium theobromae

SPAIN:

Leptothyrium pomi
Phoma citricarpa
Septoria pisi

SWEDEN:

Monilinia fructigena
Plowrightia virgultorum
Verticillidochium tubercularioides

TRINIDAD:

Cercospora zinniae
Hemileia oncidii

TUNISIA:

Puccinia rubigo-vera secalis
Urocystis oculata

UNION OF SOUTH AFRICA:

Phoma citricarpa
Puccinia ornithogalli-thyrsoideis

UNION OF SOVIET SOCIALIST REPUBLICS:

Elsinoe piri
Leptothyrium pomi
Sphaeropsis malorum

UNKNOWN:

Uredo ignava

VENEZUELA:

Macrophoma cattleyicola
Uredo guacae

UNITED STATES DEPARTMENT OF AGRICULTURE**AGRICULTURAL RESEARCH ADMINISTRATION
BUREAU OF ENTOMOLOGY AND PLANT QUARANTINE
SERVICE AND REGULATORY ANNOUNCEMENTS**

LIST OF INTERCEPTED PLANT PESTS, 1949¹

(List of Pests Recorded During the Period July 1, 1948, to June 30, 1949, Inclusive, as Intercepted in, on, or with Plants and Plant Products Entering United States Territory.)

INTRODUCTION

This report, covering the thirty-sixth year for which interception lists have been issued, summarizes the records of insect pests, plant pathogens, and certain other organisms found in, on, or with plants and plant products (1) imported, (2) offered for but refused entry, (3) held as ships' stores, etc., and hence not offered for entry through customs, (4) offered for entry for immediate export or for immediate transportation and exportation in bond, and (5) in domestic shipments between Hawaii and Puerto Rico and the mainland.

In some cases collections made late in the year are included in the report for the following year, since determination cannot be obtained immediately for all of them. Occasionally determinations are delayed for longer periods. The data for this list are obtained from routine reports by personnel of this Bureau, supplemented by information supplied by State and Customs officials. The States of California and Florida maintain staffs of specialists who identify a large proportion of the material collected at their ports. Specialists of the Bureau of Plant Industry, Soils, and Agricultural Engineering determine many of the difficult or unusual pathogens collected at the ports.

All scientific names are reviewed by appropriate specialists in the Department to assure conformance to the international rules of nomenclature.

While every reasonable effort is made to give the correct origin for all collections listed, the alleged origin of host plant materials cannot be verified in all cases, and where there is reason to doubt the accuracy of the information, the questionable items are either omitted or the origin is listed as unknown.

The year covered by this list has seen a lessening of importations of certain types of plant materials, but an increase in others. Air transportation of many perishable plant shipments served to bring plants and their pests to us with a promptness that assured the survival of both. Continual vigilance is necessary to combat such threats to the nation's plant life, and those responsible for the movement of aircraft have continued to assist in carrying out plant quarantine regulations intended to reduce to a minimum the movement of potentially dangerous plant materials.

¹Compiled by W. H. Wheeler, pathologist, Judith Hunt, plant quarantine aid, and P. X. Peltier, entomologist, Division of Foreign Plant Quarantines.

INTERCEPTIONS FROM AIR-BORNE MATERIAL

Air-borne plant material arrives in mail, baggage, express, stores, and freight, and interceptions of plant pests on such importations have been frequent. During the year 4,312 interceptions were made of insects arriving by air with agricultural material or as stowaways. There were 342 interceptions of plant diseases. Approximately one-third of the plant-disease organisms were not determinable to species but, from the evidence, appeared to represent little or no risk to this country. A few of the disease organisms specifically identified but not known to be in the United States are, however, reported to be parasites of their hosts in foreign countries. Some of the most important insects intercepted during the year were from host fruits and plants arriving by plane—a pattern to be expected in the coming years.

Among the more important insects found in air-borne material were: The whitefly *Aleurothrixus myrtacei* (?) on myrtle in cargo from Brazil; *Anastrepha fraterculus* in mango in baggage from the Dominican Republic, Mexico, and Salvador, and *A. fraterculus* (?) in cherimoya in baggage from Chile and in orange in baggage from Peru; the Mexican fruit fly (*A. ludens*) in *Annona* sp. in baggage from Guatemala, in grapefruit in baggage from Mexico, in mamey in baggage from Guatemala, in mango in baggage from Guatemala and Mexico, in orange in baggage from Costa Rica and Mexico and express from Guatemala, and in pomegranate in baggage from Mexico; the West Indian fruit fly (*A. mombinpraeoptans*) in mango in baggage from Bermuda, the Dominican Republic, Jamaica, Panama, Puerto Rico, and Salvador, in mango in mail from Puerto Rico, and in mango in quarters from Mexico, in guava in baggage from Puerto Rico and Salvador and in guava in mail from Puerto Rico, in yellow mombin in baggage from Puerto Rico, Salvador, and Trinidad, in yellow mombin in quarters from Mexico, in *Spondias* sp. in baggage from Salvador, and in yellow mombin in mail from Puerto Rico; *A. serpentina* in orange in stores from Trinidad, in sapodilla in baggage from Guatemala and Venezuela, in sapote in baggage from Guatemala and Panama, and *A. serpentina* (?) in sapodilla in baggage from the Netherlands West Indies; *A. suspensa* in guava in baggage from Puerto Rico; *Caryedon fuscus* in *Cassia javanica* in baggage from Hawaii; the Mediterranean fruit fly (*Ceratitis capitata*) in apricot in baggage from the Cape Verde Islands, in apricot in stores from France, in fig in baggage from the Azores and Italy, in guava in baggage from Palestine, in mango in baggage from Brazil, in medlar in baggage from Italy, in orange in baggage from the Azores, Italy, Portugal, and Spain, in orange in stores from the Azores, Portugal, and Spain, in peach in baggage from France, Italy, Lebanon, Portugal, and Spain, and in peach in stores from France, Portugal (?), and Spain, in pear in baggage from Spain and in pear in stores from Portugal, in persimmon in baggage from Italy, in tangerine in baggage from Portugal and in tangerine in stores from Portugal and Spain, and *C. capitata* (?) in apricot in baggage from Syria, in guava in baggage from the Madeira Islands, and in orange in baggage from the Union of South Africa; *Coccotrypes dactyliperda* in date pits used as food for monkeys in stores from India; *Cylas formicarius* var. in sweetpotato in cargo from Siam and in sweetpotato in stores from India; adults of the oriental fruit fly (*Dacus dorsalis*) were intercepted 31 times in preflight inspection of airplanes leaving Hawaii for the mainland; preflight interceptions of immature stages of *D. dorsalis* included one in coffee berry, one in ginger flowers made into a lei, and one in papaya in baggage from Hawaii; *D. ochrosiae* (?) in seed of *Ochrosia* sp. in baggage from Guam; the olive fruit fly (*D. oleae*) in olive in baggage from Italy and Lebanon; *Epicaerus cognatus* in wild potato in mail from Mexico; the citrus whitefly (*Dialeurodes citri*) on leaf of gardenia in freight from China; the oriental fruit moth (*Grapholitha molesta*) in peach in stores from France; *Kaloterms bequaerti* in *Juniperus* sp. and pine crates in cargo from Bermuda; the East Indian bean pod borer (*Maruca testulalis*) in flower lei made of *Canavalia* sp. in baggage from Hawaii, in lima bean in baggage from Puerto Rico, in pigeonpea and string bean in baggage and mail from Puerto Rico; the pink bollworm (*Pectinophora gossypiella*) in cottonseed in baggage from India and the Virgin Islands, and in cottonseed in cargo from Brazil and Pakistan, in cotton samples (grabbots) in cargo from Brazil, in okra in baggage from Puerto Rico and in okra in mail from the American Virgin Islands; *Polychrosis botrana* in grape in baggage from Italy and in grape in stores from France; *Rhagoletis alternata* in rose hips in baggage from Sweden; *R. cerasi* in cherry in baggage from Germany and Italy, in cherry in stores from Italy and in cherry in quarters from France, and *R. cerasi* (?) in cherry in stores from France and in cherry in quarters from Portugal; *Sesamia cretica* in broomcorn in cargo from France.

The more important plant disease organisms found on air-borne material, not believed to be established in the United States, were *Alternaria gypsophilae* on gypsophila in baggage from Brazil, *Elsinoe australis* on sweet orange in stores from Brazil, *E. phaseoli* on lima bean in cargo from Puerto Rico, *E. piri* on apple in baggage from Poland, *Heterodera goettingiana* with soil about roots of strawberry plants in mail

from Denmark, *H. punctata* with soil about orchid roots in express from England, *H. rostochiensis* with soil about roots of miscellaneous plants in baggage from Germany, *Monilinia fructigena* on apple in stores from the Netherlands, *Phoma citricarpa* on sweet orange in stores from Australia and Canton Island, on mandarin orange in baggage and quarters from China, and on unidentified citrus fruit in baggage from China; *Phyllosticta saccardoi* on rhododendron in air express from England, *Septoria posekensis* on orchids in cargo from Brazil and Mexico, *Uredo anthuri* on anthurium in express from Guatemala, *U. autumnalis* on chrysanthemum in express from Japan, and *Xanthomonas citri* on sweet orange in baggage from China, and on grapefruit lemon, and sour lime in stores from India.

NOTES ON INSECTS INTERCEPTED

FRUIT FLIES

Anastrepha fraterculus was intercepted in grapefruit and orange from Brazil and in mango from the Dominican Republic, Mexico, Salvador, and Trinidad, and *A. fraterculus* (?) in cherimoya from Chile, in orange from Brazil and Peru, and in grape from Argentina. The Mexican fruit fly (*A. ludens*) was taken in *Annona* sp., orange, mamey, and mango from Guatemala, in apple, avocado, grapefruit, mango, orange, peach, pear, pomegranate, quince, sapote, sour orange, sweet lime, and tangerine from Mexico, in orange from Costa Rica, and in mango from Honduras. The West Indian fruit fly (*A. mombinpraeoptans*) was intercepted in mango from Bermuda, Costa Rica, the Dominican Republic, Guatemala, Haiti, Honduras, Jamaica, Mexico, Panama, Puerto Rico, and Salvador, in guava from Cuba, Puerto Rico, and Salvador, in yellow mombin from Guatemala, Mexico, Puerto Rico, Salvador, and Trinidad, in *Spondias* sp. from Guatemala, Puerto Rico, and Salvador, and *A. mombinpraeoptans* (?) in mango from Panama and Trinidad. *A. serpentina* was found in sapodilla from Guatemala and Venezuela, in sapote from Guatemala, in mamey and star-apple from Mexico, in grapefruit and orange from Trinidad, and in sapote from Panama, and *A. serpentina* (?) in sapodilla from the Netherlands West Indies. *A. suspensa* was intercepted in guava from Cuba and Puerto Rico and in orange from Puerto Rico. The Mediterranean fruit fly (*Ceratitis capitata*) was taken in apple from the Azores, Italy, and Spain, in apricot from the Cape Verde Islands and France, in coffee from Brazil and Hawaii, in fig and loquat from the Azores and Italy, in grape from Argentina, the Madeira Islands, and Portugal, in grapefruit from Cyprus, Egypt, Hawaii, Italy, Morocco, the Union of South Africa, and Uruguay, in guava from Palestine, in mango from Brazil, in medlar, persimmon, pomegranate, pricklypear, and quince from Italy, in orange from Algeria, Azores, Brazil, Cyprus, Egypt, Italy, Portugal, Spain, and the Union of South Africa, in papaya and tomato from Hawaii, in peach from Algeria, France, Italy, Lebanon, Morocco, Portugal, and Spain, in pear from Italy, Portugal, and Spain, in plum from Greece, in purple granadilla from the Azores, Italy, Lebanon, and Portugal, and with contraband containing oranges and *Citrus* sp. from Lebanon, and *C. capitata* (?) in apricot from Syria, in grape from Argentina, in grapefruit from Cyprus (?) and Morocco, in guava from the Madeira Islands, in lemon from Italy, in orange from Brazil and the Union of South Africa, in peach from Italy and Morocco, in pear from France, and in plum from Portugal. The melon fly (*Dacus cucurbitae*) was taken in cucumber from Hawaii and the Straits Settlements and in squash and tomato from Hawaii, and *D. cucurbitae* (?) in cucumber, squash, string bean, and tomato from Hawaii. The oriental fruit fly (*D. dorsalis*) was found in an airplane, avocado, banana, small green coconut, coffee, *Garcinia rubra*, ginger, guava, Japanese persimmon, lychee, papaya, soda-apple nightshade, tropical almond, and vi-apple from Hawaii and in mango from Hawaii and India, and *D. dorsalis* (?) in small green coconut, fig, and tomato from Hawaii and in *Ochrosia* sp. from Guam. The olive fruit fly (*D. oleae*) was intercepted in olive from the Azores, Italy, Lebanon, and Portugal. The celery fly (*Euleia heraclei*) was taken in celery from England. *Rhagoletis alternata* was found in rose hips from Sweden and *R. alternata* (?) in rose hips from Austria and Sweden. *R. cerasi* was intercepted in cherry from France, Germany, Italy, and Portugal and *R. cerasi* (?) in cherry from France, Italy, Portugal, and Spain. *R. juglandis* (?) was taken in walnut from Mexico. The apple maggot (*R. pomonella*) was found in apple and red haw from Mexico. *R. striatella* was intercepted in husk tomato from Mexico.

INSECTS OTHER THAN FRUIT FLIES

A bruchid, *Acanthoscelides griseolus*, a potential pest of sesbania, was taken in *Sesbania macrocarpa* and *Sesbania* sp. from Mexico. The ground-nut stem girdler (*Aleidodes dentipes*) was found in sweetpotatoes used as food for monkeys coming from West Africa. *Aeolothrips brevicornis* (Aeolothripidae) was intercepted on *Erica* sp. from the Union of South Africa. The citrus blackfly (*Aleurocanthus woglumi*) was

taken on leaves of *Citrus* sp., orange, and sour lime from Mexico. A curculionid, *Baris coeruleus*, was found in radish from France. *Bruchidius incarnatus* (Bruchidae), a considerable pest in Egypt, was found in broadbeans from Egypt and Lebanon. A bruchid, *Bruchus tristiculus*, not yet found breeding in this country, was intercepted in vetch from Italy. The Asiatic rice borer (*Chilo simplex*) was found in rice from China and Japan, and *C. simplex* (?) was found in *Leersia* sp. from Japan. A pentatomid, *Coptosoma cribraria*, a pest of beans in the Orient, was intercepted on the stem of a camellia from China. The banana root borer (*Cosmopolites sordidus*) was taken in banana root from Honduras. *Cylas femoralis* (Curculionidae) was taken in sweetpotato from West Africa; *C. formicarius* in sweetpotato from India; *C. formicarius* var. in sweetpotato from the Fiji Islands, Hawaii, India, Iraq, and Siam; and *C. puncticollis* in sweetpotato from Mozambique, Sierra Leone, and West Africa. The Tahitian coconut weevil (*Diocalandra taiensis*) was found in coconut from Hawaii. *Epicaerus cognatus* (Curculionidae) was taken in potato and *Solanum* sp. (wild potato) from Mexico. A chrysomelid, *Gastrophysa viridula*, believed not yet established in America, was found in soil with potatoes from England. *Gymnandrosoma aurantianum* (Olethreutidae) was found in orange from Brazil. *Leucocera sexpunctatus* (Chrysomelidae) was taken on orchid leaf from Cuba; little is known of this Antillian genus. The pink bollworm (*Pectinophora gossypiella*) was taken in cottonseed from Brazil, Egypt, Hawaii, India, Italy, Jamaica, Mexico, Pakistan, and the Philippines, in seed cotton from Haiti and Mexico, in cotton boll from the Virgin Islands, cotton (grabbots) from Brazil, and in okra from the American Virgin Islands, Brazil, and Puerto Rico. *Pheidole megacephala* (Formicidae), an important economic species, was found on eggplant and pineapple from Cuba. An olethreutid, *Polychrosis botrana*, was taken in grapes from France and Italy. Two curculionids, *Prennotrypes fractirostris* and *P. solani*, were found in potatoes from Peru. *Sesamia cretica* (Phalaenidae) was intercepted in the stem of broomcorn from France. A curculionid, *Sitona humeralis*, not known to be established in North America, was intercepted with garlic, grapes, lily bulbs, and rose stock from Italy. The coffee berry borer (*Stephanoderes hampei*) was taken in coffee berries from Brazil in transit to Canada.

SNAILS

The giant African snail (*Achatina fulica*) was found on salvaged military equipment which was being returned from Guam, the Philippines, Saipan, and Tinian Island. Living snail eggs were taken from an empty coconut husk attached to the military equipment, while 12 interceptions of living snails and one of dead snails were made on military equipment. One interception was made at New York, N. Y., on material from Saipan, 6 at San Francisco, Calif., from Guam, Saipan, and Tinian Island, and 6 at San Pedro, Calif., from the Philippines and Saipan.

Among other interceptions of snails, not known to occur on the mainland of the United States and injurious to agriculture, was a species of *Lamellaxis* which was taken at Nogales, Ariz., in soil with plants from Mexico, and at San Juan, Puerto Rico in soil arriving by airplane from the Dominican Republic.

NOTES ON DISEASES INTERCEPTED

Changing conditions for the year under consideration placed China in first place as the country contributing the largest number of interceptions (11) of citrus canker (*Xanthomonas citri*), and India, which held that position for three years, dropped to second place with 9. Japan followed in third place with 4 interceptions. Fruits infected were grapefruit, lemon, Mandarin orange, pummelo, sour lime, and sweet orange. A second disease of concern to citrus production in this country, the sweet orange scab (*Elsinoe australis*), was taken 22 times on lemon from Argentina and Brazil, 22 times on sweet orange from Argentina, Brazil, and Uruguay, twice on sour lime from Brazil, and once on tangerine from Argentina. "Cancrosis B", still another serious disease of citrus in South America, was found on six different occasions on lemons from Argentina. *Coleosporium senecionis*, a rust fungus of possible importance, was intercepted on two large importations of Scotch pine seedlings and one of Swiss mountain pine seedlings. The three importations were from Denmark and were intended for reforestation work in this country. This rust has been reported to do considerable damage to pines in some parts of the world, but is not believed to be established in North America. With this report comes the first records of the interception of the golden nematode (*Heterodera rostochiensis*), a serious pest of potatoes and tomatoes in Europe, known in this country only from Long Island, New York, where efforts are being made to prevent its spread. Analysis during the year of various lots of prohibited foreign soils yielded 11 interceptions of this dangerous pest. *Neovossia indica*, a smut fungus of potential importance to the wheat production of this country, arrived by mail on two occasions from India where it causes as much as 20 percent damage in the hot lowlands. This disease is commonly known as "Karnal bunt".

Other diseases worthy of note were a leaf fungus, *Ascochyta haworthiae*, of haworthias from the Union of South Africa; camellia yellow-spot virus of that host from France; the banana leaf spot (*Cercospora musae*) from various countries where it is known; a rust fungus, *Coleosporium domingense*, on plumeria from Venezuela; a fungus, *Curvularia lunata*, on pepper from Cuba, and on onion from Mexico and Sweden; a fungus, *Cytospora ceratophora*, on nuts of chestnut from Italy; a stem fungus, *Cytospora dahliae*, on dahlia from France; a twig parasite, *Cytospora punica*, on pomegranate from Mexico; the lima bean scab fungus (*Elsinoe phaseoli*) from Cuba; a rust fungus, *Gymnosporangium haraceanum*, on juniper from Japan; a stem fungus, *Heterosporium ornithogali*, on ornithogalum from the Union of South Africa; a banana leaf fungus, *Leptosphaeria musarum*, from Colombia and Guatemala; a banana fungus, *Macrophoma musae*, on that host from India, Pakistan, and the Philippines; a brown rot fungus, *Monilinia fructigena*, on peach fruit from Portugal; a leaf and stem fungus, *Phaeosphaeria oryzae*, on rice from China and Japan; citrus black spot (*Phoma citricarpa*) from Australia, China, Formosa, Japan, and the Union of South Africa; a twig fungus, *Phomopsis magnoliae*, on magnolia from the Netherlands; a twig and stem fungus, *Phomopsis sorbicola*, on European mountain-ash from the Netherlands; a leaf fungus, *Phyllachora engleri*, on anthurium from Guatemala; a camellia leaf spot fungus, *Phyllosticta camelliae* from England; a rust fungus, *Prospodium appendiculatum*, on the Florida yellow-trumpet from Mexico; a rust fungus, *Puccinia cichorii*, on chicory from Belgium; a leaf and glume fungus, *Pyrenochaeta oryzae*, on rice from India; a twig fungus, *Sclerotinia kernerii*, on fir from Greece; a bulb-rotting fungus, *Sclerotium delphinii*, on Morocco iris from France; a leaf-spot fungus, *Septoria bambusella*, on bamboo from China; a leaf-spot fungus, *Septoria castanicola*, on chestnut from Italy; a leaf-spot fungus, *Septoria cyclaminis*, on cyclamen from Italy and Switzerland; a leaf blotch fungus, *Septoria posekensis*, on various orchids from Brazil, India, and Mexico; a stem fungus, *Stagonospora graminella*, on wheat from India; a rust fungus, *Thecopsora areolata*, on cherry leaves from Finland; a leaf rust, *Uromyces coronatus*, of wildrice and rice from Japan; a smut fungus, *Ustilago esculenta*, of Asiatic wildrice from Japan; and the hyacinth yellows disease (*Xanthomonas hyacinthi*) in hyacinth bulbs from the Netherlands.

Nematodes of interest for the year were *Aphelenchus aderholdi* in lily-of-the-valley pips from Denmark and Germany; *A. avenae* in aster from Germany; *Ditylenchus* sp., apparently *destructor*, in peanut seed from Uruguay; *D. dipsaci* in garlic from Mexico; *Ditylenchus* sp. in colchicum, iris, and narcissus from the Netherlands; *Heterodera goettingiana* in soil with camellias from the Azores and strawberry roots from Denmark; *H. punctata* with soil about orchid roots from England, and *Tylenchus putrefaciens* in garlic from Mexico.

Of the 1,132 species of pathogens or other organisms listed in the table, 77 were new to the interception files. Interceptions of the other 1,055 pathogens showed 128 new countries of origin and 109 new hosts.

INCOMPLETELY DETERMINED PESTS

Frequently inspectors find insects or pathogens affecting plant material in such a stage or condition that complete and accurate determination is impracticable or impossible. Some of these insects and pathogens are without doubt new to science, and may be destructive pests. The notes below are given to show the general nature of such incompletely determined interceptions.

INSECTS

Among the incompletely determined insects were the following fruit flies: *Anastrepha* sp., probably *fraterculus*, at New York, N. Y., in fig in baggage and in grapefruit in stores from Argentina, and at Eagle Pass, Tex., in mango in baggage from Mexico; *Anastrepha* sp., probably *ludens*, at Laredo, Tex., in orange in baggage from Mexico; *Anastrepha* sp., probably *mombinpraeoptans*, at El Paso, Tex., Hidalgo, Tex., and Laredo, Tex., in mango in baggage from Mexico, at El Paso, Tex., in mango in baggage from Salvador, at New Orleans, La., in mango in baggage and in mango in ship's garbage from Guatemala, at New York, N. Y., in mango in baggage from Puerto Rico and Venezuela and in quarters from Puerto Rico, and at Port Arthur, Tex., in mango in stores from Panama, at Laredo, Tex., in guava in baggage from Mexico, at New York, N. Y., in yellow mombin in baggage from Venezuela; *Anastrepha* sp., probably *serpentina*, at Laredo, Tex., in sapote in baggage from Mexico, at New Orleans, La., in apple in quarters, origin unknown, at San Pedro, Calif., in cherimoya in cargo from Ecuador; *Anastrepha* sp., probably *striata* Schiner, at New York, N. Y., in guava in baggage from Trinidad; *Anastrepha* sp., probably *suspensa*, at Miami, Fla., in guava in baggage from Puerto Rico; *Anastrepha* sp. at the National Airport, Arlington, Va., in cherimoya in baggage from Peru, at Baltimore, Md., in grapefruit in stores from Trinidad, in guava in baggage from Puerto Rico, and in orange in stores

from Brazil, at Boston, Mass., in guava in baggage from Puerto Rico, at Brownsville, Tex., in mango and orange in baggage from Mexico, at El Paso, Tex., in jobo plum, mamey, and mango in baggage from Mexico, at Galveston, Tex., in orange in stores from Brazil, at Hidalgo, Tex., in mango in baggage from Mexico, at Hoboken, N. J., in *Couma macrocarpa* in express from Brazil, at Jacksonville, Fla., in orange in baggage from Cuba, at Laredo, Tex., in orange and peach in baggage from Mexico, at Miami, Fla., in guava in baggage from Puerto Rico, in hog plum in baggage from Guatemala and Puerto Rico, in mango in baggage from Colombia, Haiti, and Puerto Rico, at New Orleans, La., in mango in baggage from Guatemala, at Newport News, Va., in grapefruit in stores from British Honduras, at New York, N. Y., in guava in baggage, mail, and quarters from Puerto Rico, in mango in stores from Ecuador and Honduras, in mango in baggage and cargo from the Dominican Republic, in *Passiflora* sp. in baggage from Trinidad, and in sapodilla in stores from Peru, at Port Arthur, Tex., in grapefruit in stores from Argentina, at San Juan, P. R., with a bag of oranges in stores from South America, in rose-apple in baggage from British Guiana, and in sapodilla in baggage from the Dominican Republic, at San Ysidro, Calif., in mango in baggage, probable origin La Paz, Baja Calif., and at Tampa, Fla., in mango in pilot's lunch box on an airplane from Panama; probably *Ceratitis* sp. at New York, N. Y., in grapefruit in stores from the Union of South Africa; *Dacus* sp. at Boston, Mass., in melon in stores from southwest Arabia; probably *Dacus* sp. (not *cucurbitae*) at Baltimore, Md., in squash in stores from the Union of South Africa; probably *Dacus* sp. at Galveston, Tex., in vegetable marrow in stores from French West Africa; *Rhagoletis* sp., probably *completa* Cress., at Hidalgo, Tex., and Laredo, Tex., in black walnut in baggage from Mexico; *Rhagoletis* sp. at El Paso, Tex., in *Lycium berlandieri* in baggage from Mexico, at Laredo, Tex., in red haw and walnut in baggage from Mexico. Two species of *Anastrepha* (adults) were found in the light socket in the hold of a ship carrying banana cargo. Fifteen interceptions which could not be identified beyond family (Tephritidae) were taken at Anchorage, Alaska in an airplane from the Orient, at Boston, Mass., in tangerine in stores from India, at the National Airport, Arlington, Va., in *Eugenia* sp. in garbage (evidently discarded by a passenger) from Siam, at El Paso, Tex., in squash in cargo from Mexico, at New Orleans, La., in grape in cargo from Argentina, at New York, N. Y., in *Eugenia* sp. in baggage from Puerto Rico, in grape in cargo from Argentina, in squash in stores from the Union of South Africa, and in a paper bag with peppers (none in peppers) from Liberia, at Philadelphia, Pa., in orange in stores from Brazil, at San Juan, P. R., on banana in stores from Brazil.

The following miscellaneous insects of special interest were intercepted: *Abutilonius* sp., near *idoneus* Bridwell (Bruchidae) at New York, N. Y., in *Abutilon* sp. seed in cargo from Mexico; *Acanthoscelides* sp., probably *ceratioborus* (Philippi) at St. Paul, Minn., in carob bean in mail from Peru; *Aleurotrachelus* sp. (Aleyrodidae), apparently undescribed, at El Paso, Tex., on *Litsea glaucescens* in mail from Mexico, at San Francisco, Calif., on *Odontoglossum schlieperianum* in air freight from Costa Rica, and on Palmaceae in air express from Guatemala; Aleyrodidae (undescribed genus and species), near *Aleurodicus*, at Brownsville, Tex., on *Laelia majalis* in cargo from Mexico; *Altica* sp., near *rufa* (Ill.) (Chrysomelidae), apparently undescribed, at Brownsville, Tex., with tomatoes in cargo from Mexico; *Anomalococcus* sp. (Coccidae), an undescribed species, at San Francisco, Calif., on orchid in cargo from Siam; *Anthonomus* sp., probably *varipes* Duval, (Curculionidae) at New York, N. Y., in eggplant in cargo from Cuba; *Asterolecanium* sp. (Coccidae), undescribed, at San Diego, Calif., on bamboo stalk in cargo from the Canal Zone; *Bemisia* sp. (Aleyrodidae) on plants on tractor returning from Saipan; *Caryobruchus* (new) sp. (Bruchidae) at Laredo, Tex., in palm seed in baggage from Mexico; a scolytid, *Chramesus* sp., evidently undescribed, at Brownsville, Tex., in wood in cargo from Mexico; a curculionid, *Polydrusus* sp., or *Barypeithes* sp. at Hoboken, N. J., in soil around astilbe roots in cargo from the Netherlands; *Diabrotica* sp., near *curvilinea* Jac., (Chrysomelidae) at Brownsville, Tex., in cabin of airplane from the Canal Zone; *Embolemus* sp., (Embolemidae), rare insects, at Nogales, Ariz., in cabin of airplane carrying tomato cargo from Mexico; *Epicaerus* sp., near *elegantulus* Champ., (Curculionidae) at Brownsville, Tex., on gardenia in quarters of an airplane from Mexico; a lygaeid, *Euptochiomeria* sp., probably undescribed, at Laredo, Tex., on an orchid plant in cargo from Mexico; *Glaucothrips* sp. (Thripidae) at Hoboken, N. J., on *Erica* sp. and *Protea* sp. in air express from the Union of South Africa and at New York, N. Y., on *Erica* sp. in cargo from the Union of South Africa; *Gnorimoschema* sp., doubtfully *borsaniella* Koeh., (Gelechiidae) at New York, N. Y., in pepper in stores from Brazil; an olethreutid, *Gymnandrosoma* sp. at Miami, Fla., in guava in baggage from Puerto Rico and at New York, N. Y., in grapefruit in stores from Uruguay; *Heterobostrychus* sp., near *pileatus* Lesne, (Bostrichidae) at New York, N. Y., in wood in cargo from India; Lampyridae, genus unknown and unlike any form in this country, at Brownsville, Tex., with *Miltonia endresii* in cargo from Costa Rica; *Leptodictya* (new) sp. (Tingidae)

at Nogales, Ariz., with orchids and succulent plants in baggage from Mexico; a chrysolid, *Phyllobrotica* sp. or near, at Blaine, Wash., in lily bulb in cargo from Japan; *Pissodes* sp., probably *notatus* F., (Curculionidae) at New Orleans, La., in packing strips around peat moss in cargo from the Netherlands; *Pityokteines* sp., probably *curvidens* (Germ.), (Scolytidae) at Galveston, Tex., in strips around peat moss in cargo from Germany; *Platylecanium* sp. (Coccidae), undescribed species, at San Francisco, Calif., on *Vanda caerulea* in air freight from Siam; doubtfully *Prays citri* Mill. (Hypomeutidae) at Detroit, Mich., in orange blossom in baggage from Sicily; *Prays* sp. at Seattle, Wash., in *Citrus* sp. in stores from the Philippines, at Baltimore, Md., in *Citrus sinensis* junos in stores from the Philippines and at Galveston, Tex., in grapefruit in stores from Egypt; *Tarsonemus* sp., a mite, at New York, N. Y., on nectarine in cargo from Chile and at Seattle, Wash., on rhododendron leaf in cargo from England; an aleyrodid, *Tetraleurodes* sp., near *acaciae* (Q.), undescribed, at San Ysidro, Calif., on twig of *Dalea spinosa* in baggage from Mexico; *Tetralica* sp. (Aleyrodidae), apparently undescribed, at Brownsville, Tex., on gardenia in baggage and cargo from Mexico and at Nogales, Ariz., on white sapote foliage in baggage from Mexico; *Xylopertha* sp., probably *crinitarsis* Imh., (Bostrichidae) at Baltimore, Md., in mahogany in cargo from Gold Coast, Africa.

There were 4,798 interceptions distributed among 893 genera, which could be identified to genus only. A total of 115 could be determined to family or subfamily only.

A total of 4,913 incompletely determined insects were intercepted during the year.

DISEASES

Among the incompletely determined plant disease organisms collected from incoming material during the year were *Cercospora* sp. on cordia from Mexico; *Cercospora* sp. on cocoa from Peru; *Cercospora* sp. on avocado from Mexico; *Cercospora* sp. on pea pod from Mexico; *Cytospora* sp. of rhododendron from England; *Cytospora* sp. on yew seed from Japan; *Helminthosporium* sp. on rice from China and Japan; "Leprosis" on sweet orange from Liberia and Mexico; *Monilia* sp. on rice from China; *Phoma* sp. on sweet lime from Italy and on lemon from Argentina, Italy, Turkey, and Uruguay; *Phyllosticta* sp. on spinach from Turkey; *Phyllosticta* sp. on sweet orange leaf from Brazil and on unidentified citrus leaf from Italy; *Phyllosticta* sp. on daphne from England; *Rhabdospora* sp. on rhododendron from England; *Ramularia* sp. on gladiolus corm from the Netherlands; *Septoria* sp. on anthurium from Belgium; *Sporocybe* sp. on rhododendron from England; *Tilletia* sp. on wheat from India; and *Uredo* sp. on leek leaves from England and France.

Nematode interceptions worthy of note were *Aphelenchoides* sp. in peanut seed from Uruguay and in a tomato fruit from Mexico; *Aphelenchus* sp. in onion and garlic from Mexico; *Ditylenchus* sp. from Germany in New England aster roots, from Denmark with lily-of-the-valley pips, and from the Netherlands in colchicum corms, iris bulbs, and tigridia bulbs; *Heterodera* sp. in soil with undetermined plant from France; and *Pratylenchus* sp. with lily-of-the-valley pips from Denmark.

A total of 571 incompletely determined pathogens were recorded during the year.

Geographic summary of interceptions listed in main table and interception totals

Country	Insect	Disease	Country	Insect	Disease
	Number	Number		Number	Number
Africa:			Asia (continued):		
Algeria.....	9	1	Cyprus.....	4	1
Cape of Good Hope.....	1	0	Formosa.....	2	1
Cape Verde Islands.....	1	0	India.....	94	36
Egypt.....	15	3	Iran.....	0	1
Kenya.....	1	2	Iraq.....	2	1
Liberia.....	0	1	Israel.....	1	0
Madeira Islands.....	6	0	Japan.....	77	77
Morocco.....	9	0	Korea.....	1	1
Mozambique.....	1	0	Lebanon.....	10	0
Nigeria.....	6	0	Orient.....	0	1
Pretoria.....	4	0	Pakistan.....	1	1
Sierra Leone.....	5	1	Palestine.....	8	0
Southwest Africa.....	3	0	Siam.....	8	2
Transvaal.....	2	0	Straits Settlements.....	11	1
Tunisia.....	2	0	Syria.....	4	0
Union of South Africa.....	40	13	Australasia:		
West Africa.....	3	0	Aitutaki Island.....	0	1
Asia:			American Samoa.....	1	0
Afghanistan.....	10	4	Australia.....	17	20
China.....	27	148	Batavia.....	1	0

Geographic summary of interceptions listed in main table and interception totals
—Continued

Country	Insect	Disease	Country	Insect	Disease
	Number	Number		Number	Number
Australasia (continued):			North America (continued):		
Bintan Island.....	1	0	Bahamas.....	7	0
Canton Island.....	0	1	Barbados.....	2	1
Ceylon.....	3	2	British West Indies.....	6	1
Fiji Islands.....	3	1	Cuba.....	73	11
Guam.....	7	2	Dominican Republic.....	12	1
Hawaii.....	255	10	Haiti.....	5	1
New Zealand.....	3	1	Jamaica.....	26	2
Philippines.....	45	9	Netherlands West Indies.....	1	0
Salpan.....	5	0	Puerto Rico.....	231	18
South Pacific.....	2	0	St. Kitts.....	1	0
Tinian Island.....	2	0	St. Lucia.....	0	1
Truk.....	2	0	Trinidad.....	35	2
Europe:			Virgin Islands.....	5	0
Austria.....	3	0	South America:		
Azores.....	14	3	Argentina.....	22	25
Belgium.....	89	36	Brazil.....	100	43
Czechoslovakia.....	3	1	British Guiana.....	9	1
Denmark.....	7	11	Chile.....	16	1
England.....	78	36	Colombia.....	37	7
Europe.....	1	0	Ecuador.....	5	2
Finland.....	4	1	Netherlands Guiana.....	5	0
France.....	85	10	Peru.....	12	4
Germany.....	30	14	South America.....	0	1
Greece.....	10	1	Uruguay.....	5	2
Hungary.....	5	0	Venezuela.....	54	6
Ireland.....	12	2	Total:		
Italy.....	303	30	Africa.....	108	21
Netherlands.....	113	173	Asia.....	260	275
Norway.....	10	1	Australasia.....	347	47
Poland.....	1	1	Europe.....	940	348
Portugal.....	45	12	North America.....	2,227	344
Rumania.....	0	3	South America.....	265	92
Scotland.....	7	0	Unknown.....	12	3
Spain.....	27	1			
Sweden.....	34	3	Total.....		
Switzerland.....	6	2		4,159	1,130
Turkey.....	49	7			
Wales.....	1	0			
Yugoslavia.....	3	0			
North America:			Total incompletely deter-		
Bermuda.....	8	7	mined pests, pp.		
Canada.....	8	3		4,913	571
British Columbia.....	2	1	Total insect interceptions.		
Central America.....			Total disease interceptions		
British Honduras.....	1	0	Grand total.....		
Canal Zone.....	69	4			1,773
Costa Rica.....	74	40			
Guatemala.....	58	30			
Honduras.....	28	6			
Nicaragua.....	7	2			
Panama.....	23	11			
Salvador.....	21	1			
Mexico.....	1516	203			
West Indies.....	1	0			
American Virgin Islands.....	7	0			
			NOTE.—In addition to the countries named above, interceptions were made from Anglo-Egyptian Sudan, Antigua, Aruba, Belgian Congo, Bolivia, British Somaliland, Canary Islands, Christmas Island, Eniwetok Island, Ethiopia, French West Africa, Gibraltar, Gold Coast, Grenada, Java, Johnston Island, Kwajalein Island, Luxembourg, Manua Island, Mariana Islands, Midway Island, Natal, Nevis, New Guinea, Oceania, Paraguay, Rhodesia, St. Vincent, Trieste, and Wake Island.		

NOTE.—In addition to the countries named above, interceptions were made from Anglo-Egyptian Sudan, Antigua, Aruba, Belgian Congo, Bolivia, British Somaliland, Canary Islands, Christmas Island, Eniwetok Island, Ethiopia, French West Africa, Gibraltar, Gold Coast, Grenada, Java, Johnston Island, Kwajalein Island, Luxembourg, Manua Island, Mariana Islands, Midway Island, Natal, Nevis, New Guinea, Oceania, Paraguay, Rhodesia, St. Vincent, Trieste, and Wake Island.

List of pests (insects) collected and reported from July 1, 1946, to June 30, 1949, inclusive
[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Acalypta parva</i> (Fall.) (Tingidae):~ Woods moss.....	France.....			1	New Jersey.
<i>Acalypta parvula</i> (Fall.) (Tingidae): Woods moss.....	do.....			1	Do.
<i>Acanthocinus aedilis</i> (L.) (Ceramby- cidae): Pinus sp. (pine).....	Netherlands.....	3			Alabama, Texas.
Wood.....	do.....				Louisiana.

List of pests (insects) collected and reported from July 1, 1948, to June 30, 1949, inclusive
—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Acanthoscelides armitagei</i> (Pic.) (Bruchi- dae): <i>Cajanus cajan</i> (pigeonpea) -----	Brazil, Canal Zone, Guate- mala, Pana- ma, Venez- uela. -----	4		3	District of Col- umbia, New Jersey, New York.
<i>Acanthoscelides griseolus</i> (Fall) (Bruchi- dae): <i>Sesbania exaltata</i> ----- <i>Sesbania</i> sp. -----	Mexico ----- do -----	1		1	California. Arizona.
<i>Acanthoscelides obreptus</i> Bridwell (Bruchidae): <i>Vigna sinensis</i> (cowpea) -----	do -----			1	District of Col- umbia.
<i>Acanthoscelides spinipes</i> (Er.) (Bruchi- dae): Legume pod -----	Italy -----	1			New York.
<i>Achatina fulica</i> (Fer.) (Mollusca): <i>Cocos nucifera</i> (coconut) ----- Returned military equipment -----	Guam ----- Guam, Phil- ippines, Sai- pan, Tinian Island. -----	1 13			California.* California.*, New York.
<i>Acrolepia assectella</i> (Zell.) (Hypono- meutidae): <i>Allium cepa</i> (onion) ----- <i>Allium porrum</i> (leek) -----	Italy ----- France, ----- Netherlands.		1 4		Texas. Pennsylvania
<i>Acroleucus vicinalis</i> Dist. (Lygaeidae): Orchid -----	Mexico -----			1	Texas.
<i>Acrosticta mexicana</i> Cole (Ottitidae): <i>Ananas comosus</i> (pineapple) -----	do -----	1			Do.
<i>Adelocera longicornis</i> Champ. (Elateri- dae): Orchid -----	do -----			1	Do.
<i>Adoretus sinicus</i> Burm. (Scarabaeidae): Airplane ----- Baggage ----- <i>Hibiscus</i> sp. ----- <i>Ipomoea tuberosa</i> (woods rose) ----- <i>Strelitzia reginae</i> (bird-of-paradise- flower) -----	Hawaii ----- do ----- do ----- do ----- do -----		1 1 1 1 1		Hawaii. Do. Do. Do. Do.
<i>Aeoloides griseescens</i> (Germ.) (Elateridae): <i>Beta</i> sp. -----	Union of South Africa. -----		1		New York.
<i>Aeolothrips brevicornis</i> Bagn. (Aeolo- thripidae): <i>Erica</i> sp. -----	do -----	2			Do.
<i>Aeolus pulchellus</i> Cand. (Elateridae): Airplane -----	Salvador -----		1		Louisiana.
<i>Agallia quadripunctata</i> (Prov.) (Cica- dellidae): <i>Phlox subulata</i> (moss phlox) ----- Woods moss -----	Canada ----- do -----			1 1	New Jersey. Do.
<i>Agalliopsis novella</i> (Say) (Cicadellidae): Woods moss -----	do -----			1	Do.
<i>Aglossa cuprealis</i> (Hbn.) (Pyralidae): <i>Salix</i> sp. (willow) ----- <i>Triticum aestivum</i> (wheat) -----	Portugal ----- Azores -----	1 1			Massachusetts. Do.
<i>Agonosoma trilineata</i> (F.) (Pentato- midae): Orchid -----	Canal Zone -----			1	Puerto Rico.
<i>Alcidodes dentipes</i> (Oliv.) (Curculioni- dae): <i>Ipomoea batatas</i> (sweetpotato) -----	Sierra Leone, West Africa. -----	1	1		Massachusetts, New York.
<i>Aleurocanthus woglumi</i> Ashby (Aleyro- didae): <i>Citrus aurantifolia</i> (sour lime) ----- <i>Citrus sinensis</i> (orange) ----- <i>Citrus</i> sp. -----	Mexico ----- do ----- do -----	21 1 12	1	1	Arizona, California*, Texas. Texas. Arizona, Texas.
<i>Aleuroglandulus emmae</i> Russell (Aleyrodidae): Orchid -----	do -----			1	Texas.

List of pests (insects) collected and reported from July 1, 1948, to June 30, 1949, inclusive
—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Aleuroparadoxus gardeniae</i> Russell (Aleyrodidae): <i>Gardenia augusta</i> (gardenia).....	do.....	6			California* Texas.
<i>Aleuroplatus cococolus</i> Q. & B. (Aleyro- didae): Palm.....	do.....	1			Arizona.
<i>Aleurothrips myrtacet</i> Bondar (?) (Aleyrodidae): <i>Myrtus</i> sp. (myrtle).....	Brazil.....			1	Florida.
<i>Aleurotrachelus camelliae</i> (Kuw.) (Aleyrodidae): <i>Camellia japonica</i> (camellia).....	Japan.....			1	Do.
<i>Aleurotrachelus trachoides</i> (Back) (Aleyrodidae): <i>Annona squamosa</i> (sugar-apple).....	Cuba.....	1			Do.
<i>Algarobius ceratioborus</i> (Philippi) (Bruchidae): <i>Acacia farnesiana</i> (cascalote).....	Salvador.....	1			Louisiana.
<i>Caesalpinia brevifolia</i>	Chile.....	2			New York.
<i>Cordia trichotoma</i>	Argentina.....			1	District of Col- umbia.
<i>Prosopis algarobilla</i>	do.....			1	Do.
<i>Prosopis nigra</i>	do.....			1	Oregon.
<i>Algarobius prosopis</i> (Lec.) (Bruchidae): <i>Prosopis pubescens</i> (screwbean).....	Mexico.....	1			Texas.
<i>Prosopis</i> sp.....	Hawaii, Mexico.....	2			Arizona, Hawaii.
<i>Allantus cinctus</i> (L.) (Tenthredinidae): <i>Kerria</i> sp.....	Netherlands.....			1	New Jersey.
<i>Magnolia soulangeana</i> (saucer mag- nolia).....	do.....			1	Do.
<i>Magnolia</i> sp.....	do.....			1	Do.
<i>Weigela</i> sp.....	do.....			1	Do.
<i>Alpheias conspirata</i> Hein. (Galleriidae): <i>Ananas comosus</i> (pineapple).....	Mexico.....	56			Texas.
<i>Amorbia emigratella</i> Busck (Tortricidae): Cut flowers.....	do.....	1			Do.
<i>Gardenia augusta</i> (gardenia).....	do.....	1			Do.
<i>Zingiber</i> sp.....	Hawaii.....	1			California.
<i>Amphicerus cornutus</i> (Pallas) (Bostrichi- dae): Orchid.....	Mexico.....			1	Texas.
Wood.....	India, Mexico.....	4			Missouri, New York, Wash- ington.
<i>Ananca hottentota</i> Fairm. (Oedemeridae): <i>Protea</i> sp.....	Union of South Africa.....	1			New York.
<i>Anastrepha fraterculus</i> (Wied.), (Tephritidae): <i>Citrus paradisi</i> (grapefruit).....	Brazil.....		2		Maryland, New York.
<i>Citrus sinensis</i> (orange).....	do.....		2		New York.
<i>Mangifera indica</i> (mango).....	Dominican Republic, Mexico, Sal- vador, Tri- nidad.....	7			Alabama, New York, Texas.
<i>Anastrepha fraterculus</i> (Wied.) (?) (Tephritidae): <i>Annona cherimola</i> (cherimoya).....	Chile.....	1			District of Col- umbia.
<i>Citrus sinensis</i> (orange).....	Brazil, Peru.....	1	1		Alabama, Maryland, New York.
<i>Vitis</i> sp. (grape).....	Argentina.....	3			
<i>Anastrepha ludens</i> (Loew) (Tephritidae): <i>Annona</i> sp.....	Guatemala.....	1			Louisiana.
<i>Citrus aurantifolia</i> (sweet lime).....	Mexico.....	22			Texas.
<i>Citrus aurantium</i> (sour orange).....	do.....	2			Do.
<i>Citrus paradisi</i> (grapefruit).....	do.....	8			Do.
<i>Citrus reticulata</i> (tangerine).....	do.....	1			Do.
<i>Citrus sinensis</i> (orange).....	Costa Rica, Guatemala, Mexico.....	100	4		Louisiana Texas.

List of pests (insects) collected and reported from July 1, 1948, to June 30, 1949, inclusive
—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Anastrepha ludens</i> —Continued					
<i>Cydonia oblonga</i> (quince)-----	Mexico-----	3	-----	-----	Texas.
<i>Malus sylvestris</i> (apple)-----	do-----	2	-----	-----	Do.
<i>Mammea americana</i> (mamey)-----	Guatemala-----	1	-----	-----	Do.
<i>Mangifera indica</i> (mango)-----	Guatemala,----- Honduras, Mexico.	22	2	-----	Arizona, California, Louisiana, Texas.
<i>Persea americana</i> (avocado)-----	Mexico-----	2	-----	-----	Texas.
<i>Prunus persica</i> (peach)-----	do-----	2	-----	-----	Do.
<i>Punica granatum</i> (pomegranate)-----	do-----	4	-----	-----	Do.
<i>Pyrus communis</i> (pear)-----	do-----	4	-----	-----	Do.
Sapote-----	do-----	1	-----	-----	Do.
<i>Anastrepha mombinpraeoptans</i> Sein (Tephritidae):					
<i>Mangifera indica</i> (mango)-----	Bermuda,----- Costa Rica, Dominican Republic, Guatemala, Haiti, Honduras Jamaica, Mexico, Panama, Puerto Rico, Salvador.	108	11	-----	Alabama, California*, Florida*, Louisiana, Maryland, Massachu- setts, New York, Penn- sylvania, Puerto Rico Texas, Virginia.
<i>Psidium guajava</i> (guava)-----	Cuba, Puerto Rico, Sal- vador.	32	-----	-----	Florida*, Louisiana, New York, Pennsylvan- ia, Puerto Rico.
<i>Spondias mombin</i> (yellow mombin)-----	Guatemala, Mexico, Puerto Rico, Salvador, Trinidad.	9	1	-----	California*, Florida*, Louisiana, New York, Texas.
<i>Spondias</i> sp.-----	Guatemala,-- Puerto Rico, Salvador.	4	-----	-----	Louisiana, New York.
<i>Anastrepha mombinpraeoptans</i> Sein (?) (Tephritidae):					
<i>Mangifera indica</i> (mango)-----	Panama, Trin- idad.	-----	3	-----	Alabama, Texas.
<i>Anastrepha serpentina</i> (Wied.) (Tephritidae):					
<i>Achras zapota</i> (sapodilla)-----	Guatemala,-- Venezuela.	2	-----	-----	Florida*, Louisiana.
<i>Calocarpum sapota</i> (sapote)-----	Guatemala-----	1	-----	-----	Louisiana.
<i>Chrysophyllum cainito</i> (star-apple)-----	Mexico-----	-----	2	-----	Do.
<i>Citrus paradisi</i> (grapefruit)-----	Trinidad-----	-----	2	-----	New York.
<i>Citrus sinensis</i> (orange)-----	do-----	-----	2	-----	Florida*, Puerto Rico
<i>Mammea americana</i> (mamey)-----	Mexico-----	6	-----	-----	Texas.
Sapote-----	Panama-----	1	-----	-----	Do.
<i>Anastrepha serpentina</i> (Wied.) (?) (Tephritidae):					
<i>Achras zapota</i> (sapodilla)-----	Netherlands -- West Indies.	1	-----	-----	New York.
<i>Anastrepha suspensa</i> (Loew) (Tephriti- dae):					
<i>Citrus sinensis</i> (orange)-----	Puerto Rico---	1	-----	-----	Do.
<i>Psidium guajava</i> (guava)-----	Cuba, Puerto Rico.	10	-----	-----	Florida*, Massachu- setts, New York, Puerto Rico.
<i>Ancylostomia stercorea</i> (Zell.) (Phyciti- dae):					
<i>Cajanus cajan</i> (pigeonpea)-----	Bahamas, Dominican Republic, Panama Puerto Rico, Trinidad.	29	-----	-----	Maryland, New York, Pennsylvan- ia, Puerto Rico, Virginia.

List of pests (insects) collected and reported from July 1, 1948, to June 30, 1949, inclusive
—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Andricus glandium</i> Giraud (Cynipidae): <i>Quercus</i> sp. (valonia)	Turkey	1			New York.
<i>Anomala rufocuprea viridiaenea</i> Ohaus (Scarabaeidae): <i>Cupressus</i> sp. (cypress)	Japan			1	Washington.
<i>Antestia variegata</i> (Thunberg) (Pentato- midae): <i>Protea</i> sp.	Union of South Africa.		1		New York.
<i>Antestia variegata lineaticollis</i> (Stal) (Pentatomidae): <i>Protea</i> sp.	do.	1			Do.
<i>Anthonomus abolineatus</i> Champ. (Cur- culionidae): Orchid.	Mexico			2	Texas.
<i>Anthonomus incanus</i> Champ. (Curcu- lionidae): Orchid.	do.			1	Arizona.
<i>Anthonomus rectirostris</i> (L.) (Curculion- idae): <i>Prunus padus</i> (European bird cherry)	Austria			1	New Jersey.
<i>Anuraphis helichrysi</i> (Kltb.) (Aphidae): <i>Chrysanthemum</i> sp.	England, Nor- way, Scot- land.	3			Massachusetts, New York.
<i>Anuraphis tulipae</i> (Fonse.) (Aphidae): <i>Anemone</i> sp.	Bermuda	1			New York.
<i>Crocus</i> sp.	Netherlands			1	New Jersey.
<i>Iris bucharica</i>	do.			1	Do.
<i>Iris hoogiana</i>	do.			2	Do.
<i>Iris sustana</i> (mourning iris)	England, France, Netherlands.			12	Do.
<i>Iris ziphioides</i> (English iris)	Netherlands			1	Do.
<i>Iris</i> sp.	England, France, Netherlands.			9	California*, New Jersey.
<i>Tulipa</i> sp. (tulip)	Belgium, Netherlands.			4	New Jersey, New York.
<i>Aonidiella citrina</i> (Coq.) (Coccidae): <i>Canarium odoratum</i> ("ilangilang")	Philippines	1			Minnesota.
<i>Citrus paradisi</i> (grapefruit)	Australia		1		California*
<i>Cordia</i> sp.	Mexico	1			Texas.
<i>Aonidiella comperei</i> McKenzie (Cocci- dae): <i>Citrus aurantifolia</i> (sour lime)	Trinidad	1			Florida.*
<i>Aonidiella inornata</i> McKenzie (Cocci- dae): <i>Citrus reticulata</i> (tangerine)	Philippines		2		California.*
<i>Cocos nucifera</i> (coconut)	Philippines, South Pacific.	3	3		Do.
<i>Jasminum sambac</i> (Arabian jasmine)	Hawaii			1	Do.
<i>Jasminum</i> sp.	do.	1			Do.
<i>Musa paradisiaca sapientum</i> (banana)	Truk	1			Hawaii.
<i>Aoromius quinquepunctatus</i> (L.) (Curculionidae): <i>Vicia</i> sp. (vetch)	France	1			Maryland.
<i>Aphanus saturnius</i> (Rossi) (Lygaeidae): <i>Vitis</i> sp. (grape)	Italy	1			New York.
<i>Aphanus umbrosus</i> Dist. (Lygaeidae): <i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Texas.
<i>Apion carduorum</i> Kby. (Curculionidae): <i>Cynara cardunculus</i> (cardoon)	Italy			1	New York.
<i>Cynara scolymus</i> (globe artichoke)	France, Italy	2	2		Do.
<i>Apion pomonae</i> F. (Curculionidae): <i>Vicia</i> sp. (vetch)	France, Por- tugal, Spain.	3			Alabama, New York.
<i>Araecerus vieillardii</i> (Montr.) (Anthri- bidae): Airplane.	Australia		1		Hawaii.
<i>Ipomoea tuberosa</i> (wood rose)	Hawaii	1			Do.
<i>Argyresthia conjugella</i> Zell. (Hypono- meutidae): <i>Malus sylvestris</i> (apple)	Norway	1			New York.

List of pests (insects) collected and reported from July 1, 1948, to June 30, 1949, inclusive
—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Argyrotaenia franciscana</i> (Wlsm.) (?) (Tortricidae):					
<i>Malus sylvestris</i> (apple)-----	Mexico-----		1		California.*
<i>Artipus floridanus</i> Horn (Curculionidae):					
Herbaceous plant-----	Bahamas-----	1			Florida*.
<i>Arvelius albopunctatus</i> (Deg.) (Penta- tomidae):					
<i>Capicum frutescens</i> (pepper)-----	Mexico-----	1			Texas.
<i>Lycopersicon esculentum</i> (tomato)-----	do-----	3			Arizona, Texas.
<i>Aspidiotus abietis</i> (Schr.) (Coccidae):					
<i>Abies</i> sp. (fir)-----	Czechoslovakia-----			1	New York.
<i>Aspidiotus coryphae</i> Ckll. & Rob. (Coccidae):					
<i>Cocos nucifera</i> (coconut)-----	Philippines-----		1		California.*
<i>Aspidiotus degeneratus</i> (Leon.) (Cocci- dae):					
<i>Camellia</i> sp.-----	China-----			2	Do.
<i>Aspidiotus destructor</i> Sign. (Coccidae):					
<i>Cocos nucifera</i> (coconut)-----	Canal Zone, Costa Rica, Guatemala, Honduras, Mexico.	16	5		California,* Florida,* Texas.
<i>Mammea americana</i> (mamey)-----	Puerto Rico-----			1	New York.
<i>Musa paradisiaca sapientum</i> ----- (banana)	Costa Rica-----	19			California,* Florida.*
Palm-----	Cuba, Gua- temala.	1			Florida.*
Plant leaf-----	Jamaica-----			1	California.*
<i>Aspidiotus diffinis</i> Newst. (Coccidae):					
<i>Achras zapota</i> (sapodilla)-----	Mexico-----	1			Do.
<i>Philodendron</i> sp.-----	Colombia-----			1	Florida.*
<i>Aspidiotus excisus</i> Green (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime)-----	Straits Settle- ments.		1		California.*
Plant-----	Philippines-----	1			Washington.
<i>Aspidiotus herculeanus</i> Ckll. & Hadden (Coccidae):					
<i>Plumeria</i> sp.-----	Hawaii-----	1			California.*
<i>Aspidiotus palmarum</i> Ckll. (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime)-----	Mexico-----		1		Do.
<i>Citrus sinensis</i> (orange)-----	Costa Rica-----		1		Do.
<i>Lycaste gigantea</i> (orchid)-----	do-----			1	Florida.*
<i>Musa paradisiaca sapientum</i> ----- (banana)	Costa Rica, Nicaragua.	5			California.*
<i>Philodendron</i> sp.-----	Costa Rica-----			1	Florida.
<i>Aspidiotus pseudomeyeri</i> Kuw. (Cocci- dae):					
<i>Cupressus</i> sp. (cypress)-----	Japan-----			1	Washington.
<i>Aspidiotus spinosus</i> Comst. (Coccidae):					
<i>Cocos nucifera</i> (coconut)-----	Hawaii-----	2			California.*
<i>Diospyros</i> sp. (persimmon)-----	Greece-----	1			Massachusetts
<i>Laelia anceps</i> (orchid)-----	Mexico-----			1	Texas.
<i>Musa paradisiaca sapientum</i> ----- (banana)	Nicaragua-----	2			California.*
<i>Asterolecanium bambusae</i> (Bdv.) (Coccidae):					
Bamboo-----	British Guiana, Mexico.	5			Arizona, New York.
<i>Asterolecanium epidendri</i> (Bouche) (Coccidae):					
<i>Anthurium</i> sp.-----	Costa Rica-----			1	Florida.
<i>Catasetum viridiflavum</i> (orchid)-----	Canal Zone-----			1	New Jersey.
<i>Cattleya dowiana</i> (orchid)-----	Costa Rica-----			1	California.*
<i>Cattleya lueddemanniana</i> -----	Venezuela-----			1	Texas.
<i>Cattleya</i> sp.-----	Costa Rica-----			1	Do.
<i>Dendrobium</i> sp. (orchid)-----	Brazil-----			1	California,*
<i>Laelia anceps</i> (orchid)-----	Mexico-----	1			Texas.
<i>Oncidium flexuosum</i> (orchid)-----	Brazil-----	1			New Jersey.
<i>Oncidium lanceanum</i> -----	Trinidad-----			1	Do.
Orchid-----	Canal Zone, Costa Rica, Jamaica.			3	Florida, Puerto Rico.
<i>Asterolecanium pustulans</i> (Ckll.) (Coccidae):					
<i>Achras zapota</i> (sapodilla)-----	Puerto Rico-----	1			New York.

List of pests (insects) collected and reported from July 1, 1948, to June 30, 1949, inclusive
—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Asterolecanium pustulans</i> —Continued					
<i>Jasminum sambac</i> (Arabian jasmine)	Hawaii			1	California.*
<i>Nerium oleander</i> (oleander)	Bahamas			1	New York.
<i>Plumeria</i> sp.	Hawaii			1	California.*
<i>Asterolecanium stentae</i> Brain (Coccidae):					
<i>Heurnia vogtsii</i>	Transvaal			1	Do.
<i>Athesapeuta cyperi</i> Mshl. (Curculionidae):					
<i>Vanda</i> sp. (orchid)	Hawaii	1			Hawaii.
<i>Athous haemorrhoidalis</i> (F.) (Elatерidae):					
Soil around plants	England			1	New York.
<i>Athous niger</i> (L.) (Elatерidae):					
<i>Paeonia</i> sp. (peony)	Netherlands			1	New Jersey.
<i>Athous subfuscus</i> (Mull.) (Elatерidae):					
Soil	France			1	Do.
<i>Athous vittatus</i> (F.) (Elatерidae):					
Soil	do			1	Do.
<i>Attelabus corvinus</i> Gyll. (Curculionidae):					
Orchid	Mexico			1	Texas.
<i>Baris coerulescens</i> (Scop.) (Curculionidae):					
<i>Raphanus sativus</i> (radish)	France		1		New York.
<i>Barynotus moerens</i> (F.) (Curculionidae):					
Soil around <i>Conwallaria</i> pips	England	1			Pennsylvania.
<i>Barypeithes araneiformis</i> Schr. (Curculionidae):					
<i>Fragaria</i> sp. (strawberry)	Ireland	1			Massachusetts.
<i>Bibio johannis</i> (L.) (Bibionidae):					
Soil	France			1	New Jersey.
<i>Blastophagus piniperda</i> (L.) (Scolytidae):					
<i>Pinus</i> sp. (pine)	Germany, Netherlands, Poland.	8			Alabama, New York, Texas.
Wooden strips around peat moss	Netherlands	1			Louisiana.
<i>Brachycerus albidentatus</i> Gyll. (Curculionidae):					
<i>Allium sativum</i> (garlic)	Italy	4			New York.
<i>Brachycerus algeris</i> F. (Curculionidae):					
<i>Allium sativum</i> (garlic)	do	6	2		Louisiana, New York, Texas.
<i>Brachyrhinus meridionalis</i> (Gyll.) (Curculionidae):					
<i>Lilium candidum</i> (Madonna lily)	France			1	New York.
<i>Brachyrhinus singularis</i> (L.) (Curculionidae):					
Grass and weed roots in soil ballast	Scotland	1			Alabama.
<i>Brachyrhinus sulcatus</i> F. (Curculionidae):					
<i>Astilbe</i> sp.	Netherlands			1	New Jersey.
<i>Ribes</i> (mountain currant)	do			1	Do.
Soil around rhododendron roots	Azores			1	New York.
<i>Brentus anchorago</i> (L.) (Brentidae):					
<i>Cybtax donnell-smithii</i> (primavera)	Honduras	1			Louisiana.
<i>Bruchidius bigguttatus fulvipennis</i> (Germ.) (Bruchidae):					
<i>Cistus</i> sp.	Turkey			1	District of Columbia.
<i>Bruchidius incarnatus</i> (Boh.) (Bruchidae):					
<i>Vicia faba</i> (broadbean)	Egypt, Lebanon.	3	1		Massachusetts, New York, Texas.
<i>Bruchidius lividimanus</i> (Gyll.) (Bruchidae):					
<i>Cytisus scoparius</i> (Scotch broom)	Italy			1	New Jersey.
<i>Bruchidius quinqueguttatus</i> (Oliv.) (Bruchidae):					
<i>Vicia</i> sp. (vetch)	Turkey	1			New York.
<i>Bruchus affinis</i> Froel. (Bruchidae):					
Grain used for monkey food	India		1		Georgia.
<i>Lathyrus odoratus</i> (sweet pea)	Switzerland			1	Ohio.
<i>Vicia</i> sp. (vetch)	France	1			Alabama.
<i>Bruchus atomarius</i> (L.) (Bruchidae):					
<i>Vicia faba</i> (broadbean)	Turkey			1	District of Columbia.

List of pests (insects) collected and reported from July 1, 1948, to June 30, 1949, inclusive
—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Bruchus dentipes</i> Baudi (Bruchidae): <i>Vicia faba</i> (broadbean).....	Lebanon.....	2	-----	-----	New Jersey, New York.
<i>Bruchus emarginatus</i> Allard (Bruchidae): <i>Pisum sativum</i> (pea).....	India.....	-----	-----	4	District of Columbia.
<i>Bruchus ervi</i> Froel. (Bruchidae): <i>Lens culinaris</i> (lentil).....	Lebanon,----- Italy, Syria, Turkey.	7	-----	7	District of Columbia, New Jersey, New York.
<i>Vicia ervilia</i> (bitter vetch).....	Turkey.....	-----	-----	1	District of Columbia.
<i>Bruchus guttalis</i> Rey (Bruchidae): <i>Vicia</i> sp. (vetch).....	France, Mad- eira Islands, Portugal, unknown.	5	-----	-----	Michigan, New York, Ohio, Pennsylvania.
<i>Bruchus hamatus</i> Mill. (Bruchidae): <i>Vicia sativa</i> (vetch).....	Turkey.....	-----	-----	3	District of Columbia.
<i>Bruchus lentis</i> Froel. (Bruchidae): <i>Lens culinaris</i> (lentil).....	Italy, Turkey.....	5	-----	7	District of Columbia, New Jersey, New York.
<i>Bruchus luteicornis</i> Ill. (Bruchidae): <i>Vicia</i> sp. (vetch).....	Belgium,----- France, Italy, Switzerland.	23	-----	-----	Alabama, Louisiana, Maryland, New York, Texas.
<i>Bruchus rufipes</i> Hbst. (Bruchidae): Legume seed.....	Turkey.....	-----	-----	2	District of Columbia.
<i>Vicia</i> *sp. (vetch).....	France, Tur- key.	1	-----	4	Alabama, Dis- trict of Col- umbia.
<i>Bruchus signaticornis</i> Gyll. (Bruchidae): <i>Lens culinaris</i> (lentil).....	Italy.....	7	-----	2	New Jersey, New York.
<i>Bruchus tristiculus</i> Fahr. (Bruchidae): <i>Lathyrus odoratus</i> (sweet pea).....	Turkey.....	-----	-----	1	District of Columbia, Texas.
<i>Vicia</i> sp. (vetch).....	Italy.....	-----	1	-----	-----
<i>Bruchus tristis</i> Boh. (Bruchidae): Bean.....	do.....	-----	-----	1	New York.
<i>Lathyrus sativus</i> (grass pea).....	Turkey.....	-----	-----	1	District of Columbia.
<i>Lathyrus</i> sp.....	Italy.....	3	-----	1	New Jersey, New York.
Legume seed.....	Turkey.....	-----	-----	1	District of Columbia.
<i>Vicia ervilia</i> (bitter vetch).....	do.....	-----	-----	1	Do.
<i>Vicia faba</i> (broadbean).....	Italy.....	1	-----	-----	New York.
<i>Vicia</i> sp. (vetch).....	Netherlands.....	1	-----	-----	Missouri.
<i>Bruchus ulicis</i> Muls. (Bruchidae): <i>Vicia ervilia</i> (bitter vetch).....	Turkey.....	-----	-----	2	District of Columbia.
<i>Vicia sativa</i> (vetch).....	do.....	-----	-----	1	Do.
<i>Callidium violaceum</i> (L.) (Ceramby- cidae): <i>Picea</i> sp. (spruce).....	Finland,----- Sweden.	3	-----	-----	New York.
<i>Pinus</i> sp. (pine).....	Finland, Germany, Sweden.	6	-----	-----	Louisiana, New York.
Wood.....	Norway.....	2	-----	-----	Oregon.
<i>Calligrapha argus</i> Stal (Chrysomelidae): Orchid.....	Mexico.....	-----	-----	1	Texas.
<i>Calligrapha elegantula</i> Jac. (Chrysomeli- dae): <i>Cattleya</i> sp. (orchid).....	Costa Rica.....	-----	-----	1	Florida.
<i>Callirhytis sonoreae</i> Weld (Cynipidae): <i>Quercus</i> sp. (oak).....	Mexico.....	21	-----	-----	Arizona.

List of pests (insects) collected and reported from July 1, 1948, to June 30, 1949, inclusive
—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Callosobruchus ademptus</i> (Sharp) (Bruchidae): <i>Pueraria thunbergiana</i> (kudzu-bean)	Japan			2	New Jersey, Washington.
<i>Callosobruchus analis</i> (F.) (Bruchidae): <i>Cicer arietinum</i> (chickpea)	India			1	District of Columbia. Do.
<i>Phaseolus aureus</i>	do.			1	
<i>Callosobruchus chinensis</i> (L.) (Bruchi- dae): Bean	China, Italy, Philippines.	4			Hawaii, Illinois, New York.
<i>Cajanus cajan</i> (pigeonpea)	British Guiana, British West Indies, Jamaica, Philippines, Puerto Rico.	6		3	Florida, New Jersey, New York, Pennsylvan- ia.
<i>Cicer arietinum</i> (chickpea)	India, Italy, Puerto Rico.	5	2		Georgia, New York. Hawaii.
<i>Cordylone terminalis</i> (tl)	Hawaii	1			District of Columbia. Do.
<i>Dolichos biflorus</i> (twinflower dolichos)	India			3	Georgia. District of Columbia.
<i>Glycine max</i> (soybean)	China, India			3	District of Columbia.
"Gramme"	India		1		District of Columbia.
<i>Lathyrus</i> sp.	do.			1	New Jersey. Georgia.
Legume seed	Philippines			1	District of Columbia.
Mixed grain	India		1		New York.
<i>Phaseolus aureus</i> (mung bean)	do.			5	Georgia. District of Columbia.
<i>Phaseolus vulgaris</i> (kidney bean)	do.			2	Do.
<i>Phaseolus</i> sp.	India, Italy	1		2	District of Col- umbia, New York.
<i>Pisum</i> sp.	China			1	District of Columbia.
Seed	Philippines			2	Missouri.
<i>Vicia faba</i> (broadbean)	Italy	2			New York.
<i>Vigna sesquipedalis</i> (asparagus-bean)	Japan			1	Washington.
<i>Vigna sinensis</i> (cowpea)	India, Jamai- ca, Philip- pines.	2		3	District of Col- umbia, New Jersey, New York.
<i>Vigna</i> sp.	Italy	1			New York.
<i>Callosobruchus maculatus</i> (F.) (Bruchi- dae): Bean	Mexico, Nigeria, Norway, Turkey.		2	2	District of Columbia, Florida, Texas.
<i>Cajanus cajan</i> (pigeonpea)	Barbados, Jamaica, Venezuela.	3		1	New York.
<i>Cicer arietinum</i> (chickpea)	India, Turkey		2	1	District of Columbia, New York.
<i>Hibiscus esculentus</i> (okra)	Turkey			1	District of Columbia.
<i>Lathyrus</i> sp.	Greece			2	Texas.
Legume seed	Turkey			1	District of Columbia.
<i>Phaseolus aureus</i> (mung bean)	Mexico, Tur- key.	1		1	Arizona, Dis- trict of Col- umbia.
<i>Phaseolus lunatus macrocarpus</i> (lima bean)	Spain		1		Texas.
<i>Phaseolus vulgaris</i> (kidney bean)	Turkey			1	District of Columbia.
<i>Phaseolus</i> sp.	Italy	1			New York.
<i>Pisum sativum</i> (pea)	Norway, Trin- idad, un- known.	1	2		Oregon, Texas.

List of pests (insects) collected and reported from July 1, 1948, to June 30, 1949, inclusive
—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Callosobruchus maculatus</i> —Continued					
<i>Vigna sinensis</i> (cowpea)-----	Canal Zone,----- Nigeria, Turkey.	4	-----	3	District of Columbia, New York.
<i>Vigna</i> sp.-----	Egypt, Nigeria	2	-----	-----	New Jersey, New York.
<i>Callosobruchus phaseoli</i> (Gyll.) (Bruchiade):					
<i>Dolichos lablab</i> (hyacinth-bean)-----	Hawaii, India, Jamaica.	2	-----	3	District of Columbia, Hawaii, New York.
<i>Dolichos</i> sp.	Jamaica-----	1	-----	-----	New Jersey.
<i>Camirus conicus</i> (Germar) (Pentatomidae):					
<i>Chrysanthemum</i> sp.-----	Mexico-----	1	-----	-----	Texas.
Orchid-----	do-----	-----	-----	1	Do.
<i>Carydon fuscus</i> Goeze (Bruchiade):					
<i>Cassia javanica</i> (appleblossom senna)	Hawaii-----	1	-----	-----	Hawaii.
<i>Cassia</i> sp.-----	do-----	1	-----	-----	Do.
<i>Tamarindus indica</i> (tamarind)	India-----	-----	2	-----	Virginia.
<i>Cassida nebulosa</i> L. (Chrysomelidae):					
Woods moss around rose cutting	Germany-----	-----	-----	1	New Jersey.
<i>Catoplatys fabricii</i> Stal (Tingidae):					
Woods moss-----	France-----	-----	-----	1	Do.
<i>Caulophilus latinasus</i> Say (Curculionidae):					
<i>Persea americana</i> (avocado)	Mexico-----	-----	-----	1	Texas.
<i>Celerio lineata</i> (F.) (Sphingidae):					
<i>Portulaca oleracea</i> (purslane)	do-----	10	-----	-----	Do.
<i>Zea mays</i> (corn)-----	do-----	1	-----	-----	Do.
<i>Cephaloteus scarabaeoides</i> (F) (Pentatomidae):					
Soil around roots of citrus seedlings	Morocco-----	-----	-----	2	Virginia.
<i>Ceratitis capitata</i> (Wied.) (Tephritidae):					
<i>Carica papaya</i> (papaya)-----	Hawaii.	1	-----	-----	Washington.
<i>Citrus paradisi</i> (grapefruit)-----	Cyprus, Egypt, Hawaii, Italy, Mor- occo, Union of South Af- rica, Uru- guay.	1	9	-----	Alabama, New York, Penn- sylvania, Texas.
<i>Citrus reticulata</i> (tangerine)-----	Italy, Portugal, Spain.	10	4	-----	Florida*, Massachu- setts, New York.
<i>Citrus sinensis</i> (orange)-----	Algeria, Azores, Brazil, Cyprus, Egypt, Italy, Portu- gal, Spain, Union of South Africa.	11	22	-----	Florida*, Louisiana, Maryland, Massachu- setts, New York, Penn- sylvania, Texas, Virginia.
<i>Coffea</i> sp. (coffee)-----	Brazil, Hawaii	5	-----	-----	New York, Hawaii.
<i>Cydonia oblonga</i> (quince)-----	Italy-----	4	-----	-----	New York.
<i>Diospyros</i> sp. (persimmon)-----	do-----	2	-----	-----	Massachusetts, New York.
<i>Eriobotrya japonica</i> (loquat)-----	Azores, Italy	3	-----	-----	Massachusetts, New York.
<i>Ficus carica</i> (fig)-----	Azores, Italy, unknown.	5	-----	-----	Illinois, Massa- chusetts, New York.
<i>Lycopersicon esculentum</i> (tomato)-----	Hawaii-----	-----	1	-----	Mississippi.
<i>Malus sylvestris</i> (apple)-----	Azores, Italy, Spain.	4	1	-----	New York, Pennsylvania, Puerto Rico.
<i>Mangifera indica</i> (mango)-----	Brazil-----	1	-----	-----	Virginia.
<i>Mespilus germanica</i> (medlar)-----	Italy-----	1	-----	-----	Massachusetts.
<i>Opuntia compressa</i> (pricklypear)-----	do-----	6	-----	-----	New York.

List of pests (insects) collected and reported from July 1, 1948, to June 30, 1949, inclusive
—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Ceratitis capitata</i> —Continued					
<i>Passiflora edulis</i> (purple granadilla).....	Azores, Cape Verde Islands.	1	-----	-----	New York.
<i>Prunus armeniaca</i> (apricot)-----	France.	1	2	-----	Massachusetts New York.
<i>Prunus domestica</i> (plum)-----	Greece.	-----	1	-----	New York.
<i>Prunus persica</i> (peach)-----	Algeria, France, Italy, Lebanon, Morocco, Portugal, Spain.	5	9	-----	Florida*, Illinois, New York, Pennsylvania, Texas.
<i>Psidium guajava</i> (guava)-----	Palestine.	1	-----	-----	New York.
<i>Punica granatum</i> (pomegranate)-----	Italy.	2	-----	-----	Do.
<i>Pyrus communis</i> (pear)-----	Italy, Portugal, Spain, unknown.	5	5	-----	Illinois, Massachusetts, New York, Pennsylvania.
<i>Vitis</i> sp. (grape)-----	Argentina, Madeira Islands, Portugal.	2	1	-----	Louisiana, Massachusetts, Pennsylvania.
With contraband containing oranges and <i>Citrus</i> sp.	Lebanon.	1	-----	-----	New York.
<i>Ceratitis capitata</i> (Wied.) (?) (Tephritidae):					
<i>Citrus limon</i> (lemon)-----	Italy.	-----	1	-----	Pennsylvania.
<i>Citrus paradisi</i> (grapefruit)-----	Cyprus (?), Morocco.	-----	3	-----	New York, Pennsylvania, Texas.
<i>Citrus sinensis</i> (orange)-----	Brazil, Union of South Africa.	2	3	-----	New York, Texas.
<i>Prunus armeniaca</i> (apricot)-----	Syria.	1	-----	-----	New York.
<i>Prunus domestica</i> (plum)-----	Portugal.	1	-----	-----	Massachusetts.
<i>Prunus persica</i> (peach)-----	Italy, Morocco.	-----	2	-----	South Carolina, Virginia, Massachusetts.
<i>Psidium guajava</i> (guava)-----	Madeira Islands.	1	-----	-----	Massachusetts.
<i>Pyrus communis</i> (pear)-----	France.	1	-----	-----	Virginia.
<i>Vitis</i> sp. (grape)-----	Argentina.	1	-----	-----	Louisiana.
<i>Ceroplastes ceriferus</i> (And.) (Coccidae):					
<i>Acer</i> sp. (maple)-----	Japan.	-----	-----	1	California*.
<i>Crataegus</i> sp.-----	do.	-----	-----	1	Do.
<i>Malus</i> sp.-----	do.	-----	-----	1	Do.
<i>Ceroplastes japonicus</i> Green (Coccidae):					
<i>Chaenomeles lagenaria</i> (Japanese quince)-----	do.	-----	-----	1	Washington.
<i>Rhododendron</i> sp.-----	do.	-----	-----	1	Do.
<i>Ceroplastes rubens</i> Mask. (Coccidae):					
<i>Alyxia olivaeformis</i> (maile alyxla)-----	Hawaii.	1	-----	-----	California*.
<i>Anthurium</i> sp.-----	do.	2	-----	1	Do.
<i>Camellia japonica</i> (camellia)-----	Japan.	-----	-----	1	Florida.*
<i>Chaenomeles</i> sp.-----	do.	-----	-----	1	Washington.
<i>Zantedeschia</i> sp. (?)-----	Hawaii.	1	-----	-----	California.*
<i>Ceroplastes rusci</i> (L.) (Coccidae):					
<i>Ficus carica</i> (fig)-----	Italy, Palestine.	-----	-----	2	New Jersey, New York.
<i>Chaetoclusia bakeri</i> Coq. (Clusiidae):					
Airplane.	Nicaragua.	-----	1	-----	Texas.
<i>Chaetocnema concinna</i> (Mshl.) (Chrysomelidae):					
<i>Rosa</i> sp.-----	Germany.	1	-----	-----	New York.
<i>Chaetocnema hortensis</i> (Fourc.) (Chrysomelidae):					
Sphagnum packing around lily-of-the-valley pips.	Denmark.	-----	-----	1	Do.
<i>Chalcodermus dentiferus</i> Faust (Curculionidae):					
<i>Ananas comosus</i> (pineapple)-----	Mexico.	1	-----	-----	Texas.

List of pests (insects) collected and reported from July 1, 1948, to June 30, 1949, inclusive
—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Chelymophra biannularis</i> Boh. (Chrysomelidae): Bromeliad.....	do.....			1	Texas.
<i>Chilo simplex</i> (Btlr.) (Crambidae): <i>Oryza sativa</i> (rice).....	China, Japan.....	13			California*, Louisiana, Massachu- setts, New York, Penn- sylvania, Texas, Washington.
<i>Chilo simplex</i> (Btlr.) (?) (Crambidae): <i>Leersia</i> sp.....	Japan.....	3			Pennsylvania.
<i>Chionaspis asiatica</i> Arch. (Coccidae): <i>Prunus</i> sp. (plum).....	Afghanistan.....			1	District of Columbia. Do.
<i>Punica granatum</i> (pomegranate).....	do.....			1	
" <i>Chionaspis</i> " <i>exalbida</i> Ckll. (Coccidae): <i>Aloe claviflora</i>	Transvaal.....			1	California.*
<i>Haworthia</i> sp.....	Southwest Af- rica.....			2	District of Columbia. Do.
Succulent.....	do.....			1	
" <i>Chionaspis</i> " <i>humilis</i> Brain (Coccidae): <i>Aloe</i> sp.....	Union of South Africa.....			1	California.*
" <i>Chionaspis</i> " <i>indigoferae</i> (Hall) (Cocci- dae): Cotyledon.....	do.....			1	Do.
<i>Crassula congesta</i>	do.....			1	Do.
<i>Heurnia hystrix</i>	do.....			1	Do.
Shrub.....	do.....			1	Do.
<i>Stapelia namaquensis</i>	do.....			1	Do.
" <i>Chionaspis</i> " <i>leucadendri</i> Brain (Cocci- dae): <i>Leucadendron</i> sp.....	do.....	1			New Jersey.
<i>Chirothrips manicatus</i> Hal. (Thripidae): <i>Danthonia glauca</i>	Pretoria.....			1	District of Columbia.
<i>Chrysoclista atra</i> (Haw.) (Cosmoptery- gidae): <i>Malus sylvestris</i> (apple).....	Sweden.....		1		New York.
<i>Chrysomela americana</i> L. (Chrysomeli- dae): <i>Rosmarinus</i> sp. (rosemary).....	Italy.....		1		Louisiana.
<i>Chrysomphalus albopictus</i> (Ckll.) (Cocci- dae): <i>Cocos nucifera</i> (coconut).....	Mexico.....	1			California.*
<i>Musa paradisiaca sapientum</i> (banana)	Costa Rica.....	1			Do.
<i>Persea americana</i> (avocado).....	Mexico.....	2			Texas.
<i>Philodendron</i> sp.....	Guatemala, Mexico.....			2	California, Texas.
<i>Chrysomphalus nigropunctatus</i> (Ckll.) (Coccidae): <i>Laelia autumnalis</i> (orchid).....	Costa Rica.....			1	Texas.
<i>Laelia majalis</i>	Mexico.....			1	Do.
<i>Laelia</i> sp.....	do.....			1	Do.
<i>Chrysomphalus personatus</i> (Comst.) (Coccidae): <i>Citrus aurantifolia</i>	Costa Rica.....		1		California.*
<i>Citrus sinensis</i> (orange).....	Brazil.....		1		Do.
<i>Cocos nucifera</i> (coconut).....	Costa Rica.....		1		Do.
<i>Persea americana</i> (avocado).....	Mexico.....	1			Texas.
<i>Chrysomphalus scutiformis</i> (Ckll.) (Coccidae): <i>Gardenia augusta</i> (gardenia).....	Mexico.....	1			California.*
<i>Musa paradisiaca sapientum</i> (banana)	Costa Rica.....	2			Do.
<i>Tamarindus indica</i> (tamarind).....	Mexico.....	1			Arizona.
<i>Chrysomphalus tenax</i> (McKenzie) (Coccidae): <i>Cattleya</i> sp. (orchid).....	Guatemala.....			1	California.*
<i>Monstera</i> sp.....	do.....			2	California*, New Jersey.
<i>Philodendron</i> sp.....	do.....			11	California.*

List of pests (insects) collected and reported from July 1, 1948, to June 30, 1949, inclusive
—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Chrysomphalus umboniferus</i> (Newst.) (Coccidae):					
<i>Anthurium</i> sp.	Canal Zone			1	Florida.
<i>Musa paradisica sapientum</i> (banana)	Costa Rica	1			California.*
<i>Oncidium panamense</i> (orchid).....	Canal Zone			2	Florida, New
Orchid.....	Mexico			1	Jersey.
<i>Clerada apicornis</i> Signoret (Lygaeidae):					Texas.
<i>Ananas</i> sp.	Colombia			1	District of
<i>Macadamia</i> sp.	Hawaii	1			Columbia.
<i>Clitogenes delineata</i> (Dist.) (Lygaeidae):					Hawaii.
Orchid.....	Guatemala			1	New Jersey.
<i>Coccotrypes carpophagus</i> (Horn.) (Scolytidae):					
<i>Annona muricata</i> (soursop).....	Trinidad			1	Oregon.
<i>Coccotrypes dactyliperda</i> (F.) (Scolytidae):					
<i>Phoenix dactylifera</i> (date).....	India, Tun- sia, Turkey.	1	1	1	District of
<i>Phytelephas</i> sp. (ivory palm).....	Panama	1			Columbia, New York.
<i>Sabal umbraculifera</i>	Trinidad	1		1	New York.
<i>Coccotrypes pygmaeus</i> Eichh. (Scolyti- dae):					New Jersey, Pennsyl- vania.
Tree seed.....	Brazil			1	Florida.
<i>Coccus capparadis</i> (Green) (Coccidae):					
<i>Cypripedium villosum</i> (orchid).....	India			1	New Jersey.
<i>Cypripedium</i> sp.	do.			1	Do.
<i>Coccus pseudohesperidum</i> (Ckll.) (Cocci- dae):					
<i>Cattleya</i> sp. (orchid).....	Guatemala			1	Texas.
<i>Coccus viridis</i> (Green) (Coccidae):					
<i>Bryophyllum</i> sp.	Hawaii			1	California.*
<i>Citrus aurantifolia</i> (sour lime).....	Trinidad	1			Florida.*
<i>Citrus tankan</i>	China			1	District of
<i>Gardenia augusta</i> (gardenia).....	Bahamas, Cuba, Hawaii, Panama, Venezuela.	12			Columbia. California,* Florida,* New York.
<i>Jasminum</i> sp.	Hawaii			1	California*.
Plant leaf.....	Trinidad			1	Florida.
<i>Psidium guajava</i> (guava).....	Puerto Rico	1			New York.
<i>Coelosternus consputus</i> Boh. (Curculioni- dae):					
Log.....	Mexico	1			California.*
Orchid.....	do.			1	Arizona.
<i>Conchaspis angraeci</i> Ckll. (Coccidae):					
Branch.....	do.	1			Texas.
<i>Laelia anceps</i> (orchid).....	do.			1	Do.
Orchid.....	Cuba, Vene- zuela.			2	Florida.
<i>Peristeria elata</i> (orchid).....	Canal Zone			1	Texas.
<i>Conotrachelus aguacatae</i> Barber (Curcul- ionidae):					
<i>Persea americana</i> (avocado).....	Mexico	206			Do.
<i>Conotrachelus integer</i> Csy. (Curculioni- dae):					
<i>Quercus</i> sp. (oak).....	do.	2			Do.
<i>Conotrachelus perseae</i> Barber (Curculio- nidae):					
<i>Persea americana</i> (avocado).....	Costa Rica, Guatemala, Honduras, Mexico.	5	3		Louisiana, Texas.
<i>Coptosoma cribraria</i> (F.) (Pentatomidae):					
<i>Camellia</i> sp.	China			1	California.*
<i>Cosmopolites sordidus</i> (Germ.) (Curcu- lionidae):					
<i>Musa paradisica sapientum</i> (banana)	Honduras			3	Louisiana.

List of pests (insects) collected and reported from July 1, 1948, to June 30, 1949, inclusive
—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Crocosema plebiana</i> Zell. (Olethreuti- dae):					
<i>Hibiscus esculentus</i> (okra).....	Cuba, Puerto Rico.	4			Florida,* Louisiana, Virginia.
<i>Crophius scabrosus</i> Uhler (Lygaeidae):					
<i>Agave</i> sp.	Mexico.....			1	Arizona.
Orchid.....	do.....			1	Do.
<i>Cryphula apicatus</i> (Dist.) (Lygaeidae):					
Orchid.....	do.....			2	Texas.
<i>Cryptoblabes gnidiella</i> (Mill.) (Phyciti- dae):					
<i>Citrus sinensis</i> (orange).....	Egypt.....		1		Pennsylvania.
<i>Punica granatum</i> (pomegranate).....	Greece, Italy, Lebanon, Turkey.	11			Maryland, Massachu- setts, New York.
<i>Vitis</i> sp. (grape).....	Madeira Is- lands.	1			Pennsylvania.
<i>Cryptocephalus krugii</i> Weise (Chryso- melidae):					
<i>Rosa</i> sp. (rose).....	Dominican Republic.	1			Puerto Rico.
<i>Cryptocephalus nigrocinctus</i> Suffr. (Chry- somelidae):					
<i>Cajanus cajan</i> (pigeonpea).....	Puerto Rico...	1			New York.
<i>Cryptoparlatoria leucaspis</i> Ldgr. (Cocci- dae):					
<i>Juniperus</i> sp. (juniper).....	Japan.....			1	Washington.
<i>Cryptorhynchus mangiferae</i> (F.) (Curcu- llionidae):					
<i>Mangifera indica</i> (mango).....	Hawaii, India.	23	2	1	California*, Hawaii, New York.
<i>Persea americana</i> (avocado).....	Hawaii.....			1	California.*
<i>Cryptotermes brevis</i> (Wlk.) (Kalotermiti- dae):					
Wood.....	Hawaii, Hon- duras.	2			Hawaii, Louisiana.
<i>Ctenicera aeneus</i> (L.) (Elateridae):					
Sod used as ballast.....	Belgium.....		1		New York.
<i>Curculio g-griseae</i> Chttm. (Curculioni- dae):					
<i>Quercus</i> sp. (oak).....	Mexico.....	8			Arizona, Texas.
<i>Cylas formicarius</i> Faust (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato).....	Sierra Leone, West Africa.	1	1		Massachu- setts, New York.
<i>Cylas formicarius</i> F. (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato).....	India.....		1		New York.
<i>Cylas formicarius elegantulus</i> (Summers) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato).....	American Vir- gin Islands, Cuba, Dom- inican Re- public, Mex- ico, Puerto Rico, Virgin Islands.	50	7		Florida*, Louisiana, New York, Pennsylvan- ia, Texas.
<i>Cylas formicarius</i> (F.) var. (Curculioni- dae):					
<i>Ipomoea batatas</i> (sweetpotato).....	Fiji, Hawaii, India, Iraq, Siam.	1	6	1	District of Col- umbia, New York, Penn- sylvania.
<i>Cylas puncticollis</i> Boh. (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato).....	Mozambique, Sierra Leone, West Africa.	1	4		Massachusetts, New York, Virginia.
<i>Cyrtopeltis varians</i> (Dist.) (Miridae):					
<i>Raphanus sativus</i> (radish).....	Mexico.....	1			Texas.
<i>Dactylotrypes uytenboogaarti</i> Eggers (Scolytidae):					
<i>Schefflera delavayi</i>	France.....			1	New Jersey.

List of pests (insects) collected and reported from July 1, 1948, to June 30, 1949, inclusive
—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Dacus cucurbitae</i> (Coq.) (Tephritidae):					
<i>Cucumis sativus</i> (cucumber)-----	Hawaii, Straits Set- tlements.	-----	4	-----	California*.
<i>Cucurbita maxima</i> (squash)-----	Hawaii-----	-----	1	-----	Do.
<i>Lycopersicon esculentum</i> (tomato)-----	do-----	1	12	-----	California*, Louisiana, Mississippi, Oregon, Texas, Washington.
<i>Dacus cucurbitae</i> (Coq.) (?) (Tephritidae):					
<i>Cucumis sativus</i> (cucumber)-----	do-----	-----	1	-----	California.*
<i>Cucurbita</i> sp. (squash)-----	do-----	-----	1	-----	Do.
<i>Lycopersicon esculentum</i> (tomato)-----	do-----	-----	2	-----	California*, Texas
<i>Phaseolus vulgaris</i> var. (string bean)-----	do-----	-----	1	-----	California.*
<i>Dacus dorsalis</i> Hend. (Tephritidae):					
Airplane-----	do-----	-----	31	-----	Hawaii.
<i>Carica papaya</i> (papaya)-----	do-----	1	-----	-----	Do.
<i>Cocos nucifera</i> (coconut)-----	do-----	1	-----	-----	Do.
<i>Coffea</i> sp. (coffee)-----	do-----	1	-----	-----	Do.
<i>Diospyros kaki</i> (Japanese persimmon)-----	do-----	1	-----	-----	Do.
<i>Garcinia rubra</i> -----	do-----	1	-----	-----	Do.
<i>Heliconia</i> sp.-----	do-----	1	-----	-----	Do.
<i>Litchi chinensis</i> (lychee)-----	do-----	2	-----	-----	California*, Hawaii.
<i>Lycopersicon esculentum</i> (tomato)-----	do-----	-----	1	-----	California*.
<i>Mangifera indica</i> (mango)-----	Hawaii, India-----	3	-----	-----	California*, Hawaii, New York.
<i>Musa paradisiaca sapientum</i> -----	Hawaii-----	3	5	-----	California.*
(banana)					
<i>Persea americana</i> (avocado)-----	do-----	2	-----	-----	Hawaii.
<i>Psidium guajava</i> (guava)-----	do-----	5	-----	-----	California*, Hawaii.
<i>Solanum aculeatissimum</i> (soda-apple nightshade)-----	do-----	1	-----	-----	Hawaii.
<i>Spondias cytherea</i> (vi-apple)-----	do-----	1	-----	-----	Do.
<i>Terminalia catappa</i> (tropical almond)-----	do-----	1	-----	-----	Do.
<i>Zingiber</i> sp. (ginger)-----	do-----	1	-----	-----	Do.
<i>Dacus dorsalis</i> Hend. (?) (Tephritidae):					
<i>Cocos nucifera</i> (coconut)-----	do-----	1	-----	-----	Do.
<i>Ficus carica</i> (fig)-----	do-----	1	-----	-----	California.*
<i>Lycopersicon esculentum</i> (tomato)-----	do-----	-----	1	-----	Do.
<i>Ochrosia</i> sp.-----	Guam-----	1	-----	-----	Hawaii.
<i>Dacus oleae</i> (Gmel.) (Tephritidae):					
<i>Olea europaea</i> (olive)-----	Azores, Italy, Lebanon, Portugal, unknown.	18	2	-----	Massachusetts, New York, Pennsylvania, Texas.
<i>Dalopius marginatus</i> (L.) (Elateridae):					
<i>Calluna vulgaris</i> (heather)-----	Scotland-----	-----	-----	1	Washington.
<i>Rhododendron</i> sp.-----	Belgium-----	-----	-----	1	New Jersey.
Soil around plants-----	Belgium, Eng- land.	-----	-----	5	New Jersey, Washington.
<i>Deloyala guttata</i> (Oliv.) (Chrysomelidae):					
Orchid-----	Mexico-----	-----	-----	1	Texas.
<i>Dendrobiella sericans</i> Lec. (Bostriichidae):					
<i>Acacia farnesiana</i> -----	do-----	1	-----	-----	Do.
<i>Deraeocoris lutescens</i> (Schill.) (Miridae):					
Soil and woods moss-----	France-----	-----	-----	1	New Jersey.
<i>Dercynus micronyx</i> Champ. (Curculionidae):					
<i>Brownea grandiflora</i> -----	Trinidad-----	-----	-----	1	New York.
<i>Diabrotica speciosa</i> (Germ.) (Chrysomelidae):					
<i>Brassica oleracea capitata</i> (cabbage)-----	Brazil-----	-----	1	-----	Texas.
<i>Dialeurodes chittendeni</i> Laing (Aleyrodidae):					
<i>Rhododendron</i> sp.-----	British Col- umbia.	-----	-----	1	Washington.
<i>Dialeurodes citri</i> (Ashm.) (Aleyrodidae):					
<i>Citrus</i> sp.-----	Mexico-----	1	-----	-----	Texas.
<i>Gardenia augusta</i> (gardenia)-----	do-----	-----	-----	1	Do.
<i>Gardenia</i> sp.-----	China-----	-----	-----	1	California*.

List of pests (insects) collected and reported from July 1, 1948, to June 30, 1949, inclusive
—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Dialeurodes kirkaldyi</i> (Kot.) (Aleyro- didae):					
<i>Jasminum sambac</i> (Arabian jasmine)	Hawaii-----	-----	-----	1	California.
<i>Jasminum</i> sp.-----	China,----- Hawaii, Syria.	-----	-----	3	California*, New York.
<i>Syringa</i> sp.-----	China-----	-----	-----	1	California*.
<i>Diaphania hyalinata</i> (L.) (Pyraustidae):					
<i>Cucumis sativus</i> (cucumber)	Cuba-----	-----	1	-----	Louisiana.
<i>Cucurbita maxima</i> (squash)	Mexico-----	6	-----	-----	Texas.
<i>Cucurbita pepo</i> (pumpkin)	do-----	4	-----	-----	Do.
Herb-----	Puerto Rico-----	1	-----	-----	New York.
<i>Diaphania nitidalis</i> (Stoll) (Pyraustidae):					
<i>Cucumis melo</i> (cantaloupe)	Cuba, Mexico-----	2	1	-----	New York, Texas.
<i>Cucumis sativus</i> (cucumber)	Argentina,----- Brazil, Colombia, Cuba, Mexico, Trinidad, Venezuela.	2	11	-----	Alabama, Louisiana, New York, Texas, Virginia.
<i>Cucurbita maxima</i> (squash)	Mexico-----	20	-----	-----	Arizona, Texas.
<i>Cucurbita pepo</i> (pumpkin)	do-----	5	-----	-----	Texas.
<i>Sechium edule</i> (chayote)	Dominican Republic, Puerto Rico.	5	1	-----	Florida*, New York.
<i>Diaprepes abbreviatus</i> (L.) (Curculioni- dae):					
Airplane-----	Unknown-----	-----	1	-----	New York.
<i>Diaprepes famelicus</i> (Ol.) (Curculioni- dae):					
<i>Zinnia</i> sp.-----	Bermuda-----	-----	1	-----	Do.
<i>Diatraea saccharalis</i> (F.) (Crambidae):					
<i>Saccharum officinarum</i> (sugarcane)	Mexico,----- Puerto Rico.	2	-----	-----	New York, Texas.
<i>Sorghum vulgare technicum</i> broom- corn)	Argentina-----	3	-----	-----	Louisiana, New York.
<i>Zea mays</i> (corn)	Puerto Rico-----	2	-----	-----	Florida*, New York.
<i>Dicrepidius corvinus</i> Cand. (Elatridae):					
<i>Portulaca oleracea</i> (purslane)	Mexico-----	1	-----	-----	Texas.
<i>Dinoderus bifoveolatus</i> (Woll.) (Bostrich- idae):					
<i>Lonchocarpus</i> sp. (cube root)	Brazil-----	1	-----	-----	New York.
<i>Serjania mexicana</i> (barbasco)	Brazil, Chile-----	3	-----	-----	Do.
<i>Dinoderus brevis</i> (Horn) (Bostrichidae):					
Bamboo-----	India (?)-----	2	-----	-----	Louisiana.
Wood-----	India-----	1	-----	-----	New York.
<i>Diocalandra taitensis</i> Guer. (Curcul- ionidae):					
<i>Cocos nucifera</i> (coconut)	Hawaii-----	1	-----	-----	Hawaii.
<i>Diorymerellus laevis</i> Champ. (Curculionidae):					
<i>Laelia</i> sp. (orchid)	Mexico-----	-----	-----	1	Texas.
Orchid-----	do-----	-----	-----	7	Do.
<i>Doratifera ozleyi</i> Newm. (Limacodidae):					
<i>Brachychiton acerifolius</i> (Victorian bottle-tree)	Australia-----	-----	-----	1	Hawaii.
<i>Draeculacephala clypeata</i> Osb. (Cicadel- lidae):					
Log-----	Costa Rica-----	1	-----	-----	South Caro- lina.
<i>Drymus sylvaticus</i> (F.) (Lygaeidae):					
Woods moss around rose roots	Ireland-----	-----	-----	1	New Jersey.
<i>Dryophthorus corticalis</i> (Payk.) (Curcul- ionidae):					
<i>Populus</i> sp.-----	Italy-----	1	-----	-----	New York.
<i>Dysdercus mimulus</i> Hussey (Pyrrhocor- idae):					
<i>Capsicum frutescens</i> (pepper)	Mexico-----	2	-----	-----	Texas.
<i>Lycopersicon esculentum</i> (tomato)	do-----	6	-----	-----	Do.
<i>Dysdercus obscurus</i> Perty (Bostrichidae):					
Wood-----	Brazil-----	1	-----	-----	New York.

List of pests (insects) collected and reported from July 1, 1948, to June 30, 1949, inclusive
—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Propa- gation	
<i>Ensina hyalipennis</i> Bezzi (Tephritidae): <i>Triptaris pachypteris</i>	Union of South Africa.....	-----	-----	1	District of Columbia.
<i>Ensina ignobilis</i> (Loew) (Tephritidae): <i>Triptaris pachypteris</i>	do.....	-----	-----	1	Do.
<i>Epicaerus cognatus</i> Sharp (Curculioni- dae): <i>Solanum tuberosum</i> (potato).....	Mexico.....	1	3	1	Louisiana, District of Columbia, Texas.
<i>Epidiaspis piricola</i> (Del Guer.) (Cocci- dae): <i>Malus sylvestris</i> (apple).....	France, Italy.....	1	-----	4	District of Columbia, New York.
<i>Prunus domestica</i> (plum).....	Chile.....	1	-----	-----	New York
<i>Pyrus</i> sp.....	Italy.....	-----	-----	1	District of Columbia.
<i>Epilachna varivestris</i> Muls. (Coccinelli- dae): Bromeliad.....	Mexico.....	-----	-----	1	Texas.
<i>Epinotia opposita</i> Hein. (Olethreutidae): <i>Phaseolus vulgaris</i> var. (string bean)	Brazil, Mex- ico, Peru.....	10	5	-----	Louisiana, Texas.
<i>Ereunetis flavistriata</i> Wlsm. (Tineidae): <i>Cocos nucifera</i> (coconut).....	Hawaii.....	1	1	-----	California, Washington.
<i>Ernoporus tiliae</i> (Panz.) (Scolytidae): <i>Tilia</i> sp.....	France.....	1	-----	-----	New York.
<i>Eucalandra setulosa</i> Gyll. (Curculioni- dae): <i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1	-----	-----	Texas.
<i>Eucalymnatus tessellatus</i> (Sign.) (Cocci- dae): <i>Alyxia olivaeformis</i> (maile alyxia).....	Hawaii.....	1	-----	-----	California.*
<i>Gardenia augusta</i> (gardenia).....	Mexico.....	2	-----	-----	Texas.
<i>Euleia heraclei</i> (L.) (Tephritidae): <i>Apium graveolens</i> (celery).....	England.....	-----	1	-----	Do.
<i>Eumysia stigmella</i> (Dyar) (Phycitidae): <i>Echeveria</i> sp.....	Mexico.....	-----	-----	2	California.*
<i>Eurydema ornatum</i> (L.) (Pentatomidae): <i>Brassica oleracea capitata</i> (cabbage).....	Italy.....	-----	1	-----	New York.
<i>Eurytoma onobrychidis</i> Nikolsky (Eury- tomidae): <i>Onobrychis viciaefolia</i>	Turkey.....	-----	-----	1	District of Columbia.
<i>Eurytoma orchidearum</i> (Westw.) (Eury- tomidae): <i>Cattleya gigas</i> (orchid).....	Colombia.....	-----	-----	2	Florida.
<i>Cattleya mossiae</i>	Venezuela.....	-----	-----	1	Do.
<i>Cattleya trianae</i>	Colombia.....	-----	-----	1	Do.
<i>Cattleya</i> sp.....	Brazil, Colom- bia, Trin- idad, Venez- uela.....	-----	-----	36	Florida, New Jersey.
Orchid.....	Brazil.....	-----	-----	1	New Jersey.
<i>Euscepes postfasciatus</i> Fairm. (Curcul- ionidae): <i>Ipomoea batatas</i> (sweetpotato).....	American Vir- gin Islands, Brazil, Col- ombia, Fiji Islands, Ha- wail, Puerto Rico, Trin- idad, Virgin Islands.....	20	12	2	California*, District of Columbia, Hawaii, Louisiana, New York, Texas.
<i>Eutormus congener</i> Woll. (Curculioni- dae): Orchid.....	India.....	-----	-----	1	California.*
<i>Eutreta zanthochaeta</i> Aldr. (Tephritidae): <i>Vanda</i> sp. (orchid).....	Hawaii.....	1	-----	-----	Hawaii.
<i>Euzesta annonae</i> F. (Otitidae): <i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1	-----	-----	Texas.
<i>Euzesta stigmatias</i> Loew (Otitidae): <i>Zea mays</i> (corn).....	Guatemala.....	1	-----	-----	New York.

List of pests (insects) collected and reported from July 1, 1948, to June 30, 1949, inclusive
—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Evergestis forficalis</i> (L.) (Pyraustidae): <i>Brassica oleracea capitata</i> (cabbage)	England, Italy, Nether- lands.		3		New York Virginia.
<i>Evergestis rimosalis</i> (Gn.) (Pyraustidae): <i>Brassica oleracea capitata</i> (cabbage) <i>Rorippa nasturtium-aquaticum</i> (watercress)	Mexico do	1	1		Texas. Do.
<i>Exillis longicornis</i> Pasc. (Anthribidae): Vine	Philippines	1			Washington
<i>Erosoma tusitanica</i> L. (Chrysomelidae): <i>Muscari comosum</i> (cipollino)	Morocco	1			New York
<i>Erptochiamera oblonga</i> (Stal) (Lygae- dae): <i>Lycopersicon esculentum</i> (tomato) Orchid	Mexico do	1		2	Arizona. Arizona, Texas.
<i>Erptochiamera tumens</i> (Stal) (Lygae- dae): Orchid	do			2	Texas.
<i>Ferrisia virgata</i> (Ckll.) (Coccidae): <i>Catasetum viridiflavum</i> (orchid) <i>Cocos nucifera</i> (coconut) <i>Codiaeum variegatum</i> (croton)	Canal Zone Guam Bahamas, Philippines.	1	1	1	New Jersey. California*. California*, New York.
<i>Elettaria speciosa</i> <i>Epidendrum</i> sp. (orchid) <i>Gardenia augusta</i> (gardenia) <i>Laelia superbiens</i> (orchid) <i>Lycaste candida</i> (orchid) <i>Mammillaria</i> sp. (cactus) <i>Monstera</i> sp. Orchid	Hawaii Guatemala Siam Costa Rica Canal Zone Mexico Guatemala Bintan Island, Costa Rica.	1	1	1	California*. Do. Hawaii. California*. New Jersey. California*. California*. New Jersey. California*.
<i>Peristeria elata</i> (orchid) <i>Phalaenopsis</i> sp. (orchid) Seed pod <i>Spathoglottis plicata</i> (orchid) <i>Strelitzia</i> sp.	Canal Zone Philippines do Siam Hawaii			1	New Jersey. California*. Do. Do. Do.
<i>Forficula auricularia</i> L. (Forficulidae): Baggage Bulb case Cloth <i>Colchicum</i> sp. <i>Crocus</i> sp. <i>Cymbidium</i> sp. (orchid) Excelsior packing	Ireland Netherlands England Netherlands do England Italy, Nether- lands.	1	1		Illinois. New York. Maryland. New Jersey. New York. New Jersey. Missouri, New York.
<i>Hydrangea</i> sp. and <i>Dianthus</i> sp. cuttings. <i>Iris</i> sp. <i>Narcissus</i> sp. Plant	England Netherlands do Madeira Is- lands.	1		1	Massachusetts New Jersey. New York. Massachusetts
<i>Punica granatum</i> (pomegranate) Soil ballast <i>Tulipa</i> sp. (tulip)	Italy Scotland Netherlands	2 1			New York. Alabama. New York, Pennsylvania.
<i>Frankliniella bratleyi</i> Wats. (Thripidae): <i>Poltanthes tuberosa</i> (tuberose) <i>Frankliniella insularis</i> (Frankl.) (Thri- pidae): <i>Antirrhinum majus</i> (snapdragon) <i>Rosa</i> sp. (rose)	Palestine Haiti. Dominican Republic.		1 1		2 Puerto Rico. Do.
<i>Fulvius albomaculatus</i> Dist. (Miridae): Packing material with bromeliads <i>Fulvius anthoroides</i> Stal (Miridae): Orchid	Venezuela Mexico			1	New Jersey. Texas.
<i>Fundella pellucens</i> (Zell.) (Phycitidae): <i>Cajanus cajan</i> (pigeonpea) <i>Phaseolus vulgaris</i> var. (string bean) <i>Furcaspis bifomis</i> (Ckll.) (Coccidae): <i>Brassavola nodosa</i> (orchid)	Puerto Rico do Canal Zone	1 1			Florida* Massachusetts 2 Florida, Texas.

List of pests (insects) collected and reported from July 1, 1948, to June 30, 1949, inclusive
—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Furcaspis biformis</i> —Continued					
<i>Cattleya</i> sp. (orchid).....	Brazil, Canal Zone, Colombia, Costa Rica, Dutch Guiana, Hawaii, Siam, Venezuela.			17	California*, Florida, Guam, Hawaii, New Jersey, Texas.
<i>Epidendrum atropurpureum</i> (orchid)	Canal Zone.....			8	California*, Florida, Hawaii, New Jersey, Texas, Washington.
<i>Epidendrum</i> sp.....	do.....			3	Florida, Washington.
<i>Odontoglossum schlieperianum</i> (orchid).....	Costa Rica.....			1	California.*
<i>Oncidium confusum</i> (orchid).....	Canal Zone.....			1	Texas.
<i>Oncidium lanceanum</i>	Trinidad.....			1	Do.
<i>Oncidium multiflorum</i>	Straits Settlements.....			1	New Jersey.
<i>Oncidium panamense</i>	Canal Zone.....			1	Florida.
<i>Oncidium</i> sp.....	Canal Zone, Guatemala, Siam.			3	California*, Washington.
Orchid.....	British Guiana, Canal Zone, Hawaii, Siam, Venezuela.			9	California*, Florida, Puerto Rico, Texas, Virginia.
<i>Furcaspis oceanica</i> Ldgr. (Coccidae):					
<i>Musa paradisiaca sapientum</i> (banana).....	Truk.....	1			Hawaii.
<i>Gastrolepis pacificus</i> (Prov.) (Lygaeidae):					
<i>Cedrus</i> sp. (cedar).....	Canada.....	1			New York.*
<i>Gastrophysa viridula</i> (Deg.) (Chrysomelidae):					
Soil with potatoes.....	England.....			1	Do.
<i>Gelechia ericetella</i> (Hbn.) (Gelechiidae):					
<i>Calluna vulgaris</i> (heather).....	Denmark.....	1			Do.
<i>Genopaschia protomis</i> Dyar (Galleriidae):					
<i>Ananas comosus</i> (pineapple).....	Jamaica.....		1		Alabama.
<i>Gerstaeckeria mutillaria</i> (Gerst.) (Curculionidae):					
<i>Coryphantha</i> sp. (cactus).....	Mexico.....			1	Texas.
<i>Mammillaria</i> sp. (cactus).....	do.....			3	California*, Texas.
<i>Glyphonox praecox</i> Er. (Elateridae):					
<i>Laelia anceps</i> (orchid).....	do.....			1	Texas.
<i>Glyphonox quadricollis</i> Champ. (Elateridae):					
<i>Brassica</i> sp. (mustard).....	do.....	1			Do.
<i>Gnorimoschema gudmannella</i> (Wism.) (Gelechiidae):					
<i>Capsicum frutescens</i> (pepper).....	Dutch Guiana, Mexico.	2	1		Arizona, Louisiana.
<i>Gnorimoschema lavernella</i> (Chamb.) (Gelechiidae):					
<i>Physalis</i> sp. (husk tomato).....	Mexico.....	5			Texas.
<i>Gnorimoschema plaesiosema</i> (Turner) (Gelechiidae):					
<i>Solanum tuberosum</i> (potato).....	Peru.....		1		Do.
<i>Gortyna flavago</i> (Schiff.) (Phalaenidae):					
<i>Cynara scolymus</i> (globe artichoke).....	Tunisia.....		1		Pennsylvania.
<i>Gracilaria azaleella</i> Brants (Gracilariidae):					
<i>Rhododendron</i> sp.....	Japan, Netherlands.			25	New Jersey, Washington.
<i>Grapholita molesta</i> (Busck) (Olethreutidae):					
<i>Malus sylvestris</i> (apple).....	Argentina.....		1		Pennsylvania.
<i>Prunus persica</i> (peach).....	France, Italy.....	2	1		Massachusetts, New York.

List of pests (insects) collected and reported from July 1, 1948, to June 30, 1949, inclusive
—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Grapholitha molesta</i> —Continued <i>Pyrus communis</i> (pear)-----	Italy, Mexico-----	2	-----	-----	New York. Texas.
<i>Grapholitha packardii</i> Zell. (Olethreu- tidae):	-----	-----	-----	-----	-----
<i>Crataegus</i> sp. (thornapple)-----	Mexico-----	2	-----	-----	Texas.
<i>Graptostethus servus</i> (F.) (Lygaeidae):	-----	-----	-----	-----	-----
<i>Ipomoea tuberosa</i> (woods rose)-----	Hawaii-----	2	-----	-----	Hawaii.
<i>Gymnandrosoma aurantianum</i> DaCosta Lima (Olethreutidae):	-----	-----	-----	-----	-----
<i>Citrus sinensis</i> (orange)-----	Brazil-----	-----	2	-----	Massachu- setts, New York.
<i>Gynaikothrips ficorum</i> (Marchal) (Phlaeothripidae):	-----	-----	-----	-----	-----
<i>Ficus retusa</i> (Indian laurel fig)-----	Mexico-----	-----	-----	1	Texas.
<i>Haplothrips cottei</i> (Vuillet) (Phlaeothri- pidae):	-----	-----	-----	-----	-----
<i>Dianthus</i> sp. (carnation)-----	Egypt, Eur- ope, Greece, Portugal, unknown.	2	4	1	Illinois, Mass- achusetts, New Jersey, New York.
<i>Haplothrips gowdeyi</i> (Frankl.) (Phlaeo- thripidae):	-----	-----	-----	-----	-----
<i>Bougainvillea</i> sp.-----	Hawaii-----	1	-----	-----	California.*
<i>Brüophyllum</i> sp.-----	Puerto Rico-----	-----	-----	1	New York.
<i>Canavalia</i> sp.-----	Hawaii-----	5	-----	-----	California.*
<i>Dianthus</i> sp. (carnation)-----	do-----	2	-----	-----	Do.
<i>Limonium</i> sp.-----	do-----	1	-----	-----	Do.
<i>Mesembryanthemum</i> sp.-----	do-----	1	-----	-----	Hawaii.
<i>Plumeria</i> sp.-----	do-----	1	-----	-----	California.*
<i>Tagetes</i> sp.-----	do-----	1	-----	-----	Do.
<i>Haplothrips nigricornis</i> Bagn. (Phlaeo- thripidae):	-----	-----	-----	-----	-----
<i>Ornithogalum thyrsoides</i> ----- (chinkerlichee)	Union of South Africa.	1	-----	-----	New York.
<i>Hellula phidilealis</i> (Wlk.) (Pyraustidae):	-----	-----	-----	-----	-----
<i>Brassica oleracea capitata</i> (cabbage)-----	Panama, Trin- idad.	-----	3	-----	Alabama, New York.
<i>Brassica rapa</i> (turnip)-----	Cuba-----	-----	1	-----	Texas.
<i>Hemimene juliana</i> (Curt.) (Olethreuti- dae):	-----	-----	-----	-----	-----
<i>Castanea</i> sp. (chestnut)-----	Italy-----	1	-----	-----	New York.
<i>Hercotothrips phaseoli</i> Hood (Thripidae):	-----	-----	-----	-----	-----
<i>Phaseolus lunatus macrocarpus</i> (lima bean)	Cuba-----	1	-----	-----	Do.
<i>Heterobostrychus aequalis</i> (Waterh.) (Bostrichidae):	-----	-----	-----	-----	-----
Bamboo-----	India-----	1	-----	-----	Texas.
Wood-----	Ceylon, India	2	-----	-----	New York.
<i>Heteroderes laurentii</i> (Guer.) (Elateri- dae):	-----	-----	-----	-----	-----
<i>Solanum melongena</i> (eggplant)-----	Cuba-----	1	-----	-----	Do.
<i>Heteroglymma alata</i> Heller (Curculioni- dae):	-----	-----	-----	-----	-----
<i>Vanda</i> sp. (orchid)-----	Philippines-----	-----	-----	1	Hawaii.
<i>Homothrips distinctus</i> Bagn. (Thripidae):	-----	-----	-----	-----	-----
<i>Erica</i> sp.-----	Union of South Africa.	1	-----	-----	New Jersey
<i>Protea</i> sp.-----	do-----	2	-----	-----	New Jersey, New York.
<i>Horistonotus dilaticornis</i> Champ. (Elater- idae):	-----	-----	-----	-----	-----
<i>Ananas comosus</i> (pineapple)-----	Mexico-----	1	-----	-----	Texas.
<i>Horistonotus rufiventris</i> Cand. (Elateri- dae):	-----	-----	-----	-----	-----
<i>Ananas comosus</i> (pineapple)-----	do-----	1	-----	-----	Do.
<i>Hydrothassa marginella</i> (L.) (Chryso- melidae):	-----	-----	-----	-----	-----
Soil and moss packing for <i>Oxalis</i> sp. plants.	Ireland-----	-----	-----	1	New York.
<i>Hylurgops palliatus</i> (Gyll.) (Scolytidae):	-----	-----	-----	-----	-----
Bark—coniferous-----	Sweden-----	1	-----	-----	Pennsylvania.
<i>Picea</i> sp. (spruce)-----	do-----	6	-----	-----	New York.
<i>Pinus</i> sp. (pine)-----	Germany, Sweden.	4	-----	-----	Louisiana, New York.

List of pests (insects) collected and reported from July 1, 1948, to June 30, 1949, inclusive
—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Hypera nigrirostris</i> F. (Curculionidae): Woods moss around rose cutting	Germany			1	New Jersey.
<i>Hypolithus pectoralis</i> (Say) (Elateridae): <i>Ananas comosus</i> (pineapple)	Mexico	1			Texas.
<i>Icerya palmieri</i> Riley & Howard (Coccidae): Cactus	do			1	Arizona.
<i>Icerya similis</i> Morr. (Coccidae): <i>Laelia</i> sp. (orchid)	Salvador			1	Texas.
<i>Ips serdentatus</i> (Boern.) (Scolytidae): <i>Pinus</i> sp. (pine)	Netherlands	1			Alabama.
Wooden strips around peat moss	do	1			Louisiana.
<i>Ips typographus</i> (L.) (Scolytidae): Bark—coniferus	Sweden	1			Pennsylvania.
<i>Picea</i> sp. (spruce)	Germany, Sweden.	2			New York.
<i>Pinus</i> sp. (pine)	Czechoslo- vakia, Ger- many, Hun- gary, Neth- erlands.	10			Alabama, Louisiana, New York.
<i>Iridomyrmex humilis</i> Mayr (Formicidae): <i>Dahlia</i> sp.	Portugal			1	New York.
<i>Dianthus</i> sp. (carnation)	do	1			Massachusetts.
<i>Dioscorea</i> sp. (yam)	Azores	1			New York.
Herbs, bulbs & cuttings	do			1	Massachusetts.
Leaves	Portugal			1	New Jersey.
<i>Passiflora</i> sp.	Madeira Is- lands.	1			Massachusetts.
<i>Phalaenopsis</i> sp. (orchid)	Philippines			1	California.*
<i>Protea</i> sp.	Union of South Africa.	1			New York.
<i>Prunus domestica</i> (plum)	do	1			Do.
<i>Prunus persica nectarina</i> (nectarine)	Chile	1			Do.
Soil around plants	Italy			1	Do.
<i>Sorghum</i> sp. (?)	do	1			Do.
<i>Tilia</i> sp. (?)	Portugal	1			Pennsylvania.
<i>Vitis</i> sp. (grape)	France, Port- ugal, Union of South Af- rica.	3	1		New York.
<i>Jadera sanguinolenta</i> (F.) (Coreidae): Airplane	Mexico		1		Texas.
<i>Lycopersicon esculentum</i> (tomato)	do	1			Do.
<i>Kalotermes bequaerti</i> Snyder (Kaloter- mitidae): <i>Juniperus</i> sp. (juniper)	Bermuda	1			Massachusetts.
<i>Pinus</i> sp. (pine)	do	1			Do.
<i>Lampetia equestris</i> (F.) (Syrphidae): <i>Narcissus</i> sp.	Netherlands			1	California.*
<i>Lampides boeticus</i> (L.) (Lycaenidae): <i>Canavalia</i> sp.	Hawaii	9			California, Hawaii.
<i>Laspeyresia nigricana</i> (Steph.) (Oleth- reutidae): <i>Pisum sativum</i> (pea)	Portugal	1	2		New York, Texas.
<i>Laspeyresia splendana</i> (Hbn.) (Oleth- reutidae): <i>Castanea</i> sp. (chestnut)	England, France, Ger- many, Italy, Portugal, Spain, Switzerland, Yugoslavia.	64	2		Alabama, Illi- nois, Mary- land, Massa- chusetts, Missouri, New Jersey, New York, Ohio, Texas, Washington.
<i>Lema confusa</i> Chev. (Chrysomelidae): <i>Selaginella lepidophylla</i> (resurrection plant)	Mexico			1	Texas.
<i>Lema melanopa</i> (L.) (Chrysomelidae): <i>Pinus</i> sp. (pine)	Denmark			1	New York.
<i>Lema opulenta</i> Genn. & Har. (Chryso- melidae): <i>Rosa</i> sp. (rose)	Mexico	1			Texas.

List of pests (insects) collected and reported from July 1, 1948, to June 30, 1949, inclusive
—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Leperisimus frazini</i> (Panz.) (Scolytidae): <i>Frazinus</i> sp. (ash).....	England.....	10			Maryland, New York.
<i>Lepidosaphes carinata</i> (Ckll.) (Coccidae): <i>Philodendron</i> sp.....	Mexico.....			2	Texas.
<i>Lepidosaphes conchiformis</i> (Gmel.) (Coc- cidae): <i>Diospyros</i> sp. (persimmon).....	Japan.....	1			Minnesota, California.*
<i>Pyrus communis</i> (pear).....	do.....		1		
" <i>Lepidosaphes</i> " <i>esakii</i> Takah. (Coccidae): <i>Cocos nucifera</i> (coconut).....	Guam.....	1			Do.
<i>Lepidosaphes ficus</i> (Sign.) (Coccidae): <i>Ficus carica</i> (fig).....	Algeria, Italy, Palestine.....			5	California*, New Jersey, New York.
<i>Lepidosaphes kuwacola</i> Kuw. (Coccidae): <i>Salix</i> sp. (willow).....	Japan.....		1		Washington.
<i>Lepidosaphes pallida</i> (Green) (Coccidae): <i>Cupressus</i> sp. (cypress).....	do.....			1	Do.
<i>Juniperus</i> sp. (juniper).....	do.....			2	Do.
<i>Lepidosaphes philococcus</i> (Ckll.) (Cocci- dae): Cactus.....	Mexico.....			1	Texas.
<i>Lepidosaphes pistaciae</i> Arch. (Coccidae): <i>Pistacia vera</i> (pistache).....	Syria.....	1			New York.
<i>Lepidosaphes tokionis</i> (Kuw.) (Coccidae): <i>Codiaeum variegatum</i> (croton).....	Bahamas, British West Indies, Hawaii, Philippines, unknown.	8	1	4	California*, Hawaii, New Jersey, New York.
<i>Lepidosaphes tuberculata</i> Malen. (Cocci- dae): <i>Coleogyne cristata</i> (orchid).....	India.....			1	California.*
<i>Cymbidium eburneum</i> (orchid).....	do.....			1	New Jersey.
<i>Cymbidium tuberculata</i>	England.....			1	Do.
<i>Cymbidium</i> sp.....	Australia, Bel- gium, China, England, Netherlands.	1		21	California*, Hawaii, New Jersey.
<i>Dendrobium speciosum</i> (orchid).....	Australia.....			1	California.*
Orchid.....	China.....			1	Hawaii.
<i>Lepidosaphes tubulorum</i> Ferris (?) (Coccidae): <i>Cocos nucifera</i> (coconut).....	Guam.....	1			California.*
<i>Lepidosaphes yanagicola</i> Kuw. (Cocci- dae): <i>Salix</i> sp. (willow).....	Japan.....		1		Washington.
<i>Leptoglossus chilensis</i> Spinola (Coreidae): <i>Vitis</i> sp. (grape).....	Chile.....	6			New York.
<i>Leptophobia aripa</i> (Bdv.) (Pteridae): <i>Brassica oleracea botrytis</i> (cauliflower):	Mexico.....		3		New York, Texas.
<i>Leucaspis archangelshyae</i> Ldgr. (Cocci- dae): <i>Prunus</i> sp. (cherry).....	Afghanistan.....			1	District of Columbia.
<i>Pyrus communis</i> (pear).....	do.....			1	Do.
<i>Leucaspis candida</i> (Targ.) (Coccidae): <i>Pinus</i> sp. (pine).....	Germany.....			1	New Jersey.
<i>Leucaspis cockerelli</i> (de Charm.) (Cocci- dae): <i>Citrus aurantifolia</i> (sour lime).....	Panama, Sal- vador.	2	2		California.*
<i>Citrus paradisi</i> (grapefruit).....	Jamaica Ni- geria.		4		Do.
<i>Citrus sinensis</i> (orange).....	Jamaica, Pan- ama, Trini- dad, Venez- uela.		7		California* Florida.*
<i>Cocos nucifera</i> (coconut).....	Hawaii.....	1			California.*
<i>Dendrobium</i> sp. (orchid).....	do.....			1	Do.
<i>Vanda</i> sp. (orchid).....	Trinidad.....			1	Florida.
<i>Leucocera quinquepunctata</i> (L.) (Chryso- melidae): <i>Opuntia</i> sp. and <i>Cereus</i> sp. plants.....	Haiti.....			1	New Jersey.

List of pests (insects) collected and reported from July 1, 1948, to June 30, 1949, inclusive
—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Leucocera sexpunctatus</i> Chev. (Chrysomelidae): Orchid.....	Cuba.....	-----	-----	1	Florida.
<i>Ligyrocoris abdominalis</i> (G.-M.) (Lygaeidae): <i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	3	-----	-----	Texas.
<i>Oncidium</i> sp. (orchid).....	Guatemala.....	-----	-----	1	New Jersey.
<i>Ligyrocoris aurivilliana</i> (Dist.) (Lygaeidae): <i>Chrysanthemum</i> sp.....	Mexico.....	1	-----	-----	Texas.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	3	-----	-----	Do.
<i>Ligyrocoris litigiosus</i> Stal (Lygaeidae): <i>Ananas comosus</i> (pineapple).....	do.....	2	-----	-----	Do.
<i>Lineodes integra</i> (Zell.) (Pyraustidae): <i>Lycopersicon esculentum</i> (tomato).....	do.....	1	-----	-----	Do.
<i>Lineodes triangularis</i> (Mosch.) (Pyraustidae): <i>Capsicum frutescens</i> (pepper).....	Puerto Rico.....	1	-----	-----	New York.
<i>Liothrips vaneeckei</i> Fr. (Phlaeothripidae): <i>Lilium</i> sp. (lily).....	China.....	-----	-----	1	Washington.
<i>Liriomyza pusilla</i> (Meig.) (Agromyzidae): <i>Capsicum frutescens</i> (pepper).....	Mexico.....	4	-----	-----	Arizona, Texas.
<i>Gypsophila paniculata</i> (babysbreath).....	do.....	1	-----	-----	Texas.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	4	-----	-----	Arizona, Texas.
<i>Listroderes aequivocus</i> Kuschel (Curculionidae): <i>Allium sativum</i> (garlic).....	Unknown.....	-----	1	-----	New York.
<i>Lixus ascanii</i> (L.) (Curculionidae): <i>Raphanus sativus</i> (radish).....	France.....	-----	1	-----	Do.
<i>Lixus junci</i> Boh. (Curculionidae): <i>Beta vulgaris</i> (beet).....	Egypt, Spain.....	-----	2	-----	Maryland, Texas.
<i>Loxostege bifidalis</i> (F.) (Pyraustidae): <i>Portulaca oleracea</i> (purslane).....	Mexico.....	1	-----	-----	Texas.
<i>Loxostege similalis</i> (Gn.) (Pyraustidae): <i>Chrysanthemum</i> sp.....	do.....	1	-----	-----	Do.
<i>Portulaca oleracea</i> (purslane).....	do.....	6	-----	-----	Do.
<i>Lygaeus circumlinitus</i> Dist. (Lygaeidae): Orchid.....	do.....	-----	-----	1	Do.
<i>Lygaeus circumspicatus</i> Dist. (Lygaeidae): Orchid.....	do.....	-----	-----	1	Do.
<i>Lygaeus consanguinitus</i> Dist. (Lygaeidae): <i>Allium cepa</i> (onion).....	do.....	1	-----	-----	Do.
<i>Lygaeus pulchellus</i> F. (Lygaeidae): <i>Musa paradisiaca sapientum</i> (banana).....	do.....	1	-----	-----	California.*
<i>Lygaeus vittiscutis</i> Stal (Lygaeidae): Bromeliad.....	Costa Rica.....	-----	-----	1	Texas.
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1	-----	-----	Do.
Orchid.....	Guatemala, Honduras, Mexico.....	-----	-----	6	Do.
<i>Lygus elisus</i> Van D. (Miridae): <i>Ilex</i> sp. (holly).....	Canada.....	1	-----	-----	Minnesota.
<i>Lygus fraudulentus</i> (Stal) (Miridae): <i>Brassica oleracea botrytis</i> (cauliflower).....	Argentina.....	-----	1	-----	Louisiana.
<i>Lygus oblineatus</i> (Say) (Miridae): <i>Chrysanthemum</i> sp.....	Mexico.....	1	-----	-----	Arizona.
<i>Ulmus</i> sp. (elm).....	Canada.....	1	-----	-----	New York.
Vegetables.....	Mexico.....	1	-----	-----	Texas.
<i>Zea mays</i> (corn).....	Canada.....	-----	1	-----	Do.
<i>Madarus distigma</i> Boh. (Curculionidae): Orchid.....	Mexico.....	-----	-----	1	Do.
<i>Malacorhinus tripunctatus</i> (Jac.) (Chrysomelidae): Airplane.....	do.....	-----	1	-----	Do.
<i>Mamestra brassicae</i> (L.) (Phalaenidae): <i>Brassica oleracea botrytis</i> (cauliflower).....	Ireland, Nor- way.....	-----	2	-----	New York, Texas.
<i>Brassica oleracea capitata</i> (cabbage).....	France, Neth- erlands.....	-----	2	-----	New York.

List of pests (insects) collected and reported from July 1, 1948, to June 30, 1949, inclusive
—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Maruca testulalis</i> (Geyer) (Pyraustidae): <i>Cajanus cajan</i> (pigeonpea).....	Dominican Republic, Puerto Rico.	10			Maryland, New York.
<i>Canavalia</i> sp.....	Hawaii.....	12			California*, Hawaii. New York.
<i>Phaseolus lunatus macrocarpus</i> (lima bean)	Cuba, Puerto Rico.	3			Do.
<i>Phaseolus vulgaris</i> (kidney bean).....	Puerto Rico.		1		Alabama,
<i>Phaseolus vulgaris</i> var. (string bean)	Brazil, Cuba, Dutch Guiana, Hawaii, Puerto Rico, Venezuela.	5	13		California*, Florida*, Louisiana, Maryland, New York, Pennsylvania, Texas.
<i>Mecinus pyraister</i> Hbst. (Curculionidae): Soil and moss packing.....	Ireland.....			1	New York.
<i>Mecolaemus carvalhoi</i> (Costa Lima) (Miridae): Orchid.....	Brazil.....			1	Florida.
<i>Megacerus contaminatus</i> (Sharp) (Bruchidae): <i>Ipomoea stans</i>	Mexico.....			1	District of Columbia.
<i>Megalometis chiliensis</i> Boh. (Curculionidae): <i>Prunus domestica</i> (plum).....	Chile.....	1			New York.
<i>Prunus persica nectarina</i> (nectarine)	do.....	1			Do.
<i>Megapenthes cinnamomus</i> Champ. (Elateridae): <i>Odontoglossum</i> sp. (orchid).....	Guatemala.....			1	Texas.
<i>Megasternum boletophagum</i> (Marsh.) (Hydrophilidae): <i>Beta vulgaris macrorrhiza</i>	England.....		1		New York.
<i>Melanozanthus melanocephalus</i> (F.) (Elateridae): Airplane.....	South Pacific.....		1		Hawaii.
<i>Metamasius sericeus</i> (Oliv.) (Curculionidae): <i>Musa paradisiaca sapientum</i> (banana)	Costa Rica, Ecuador, Honduras.	11			California*, Maryland, South Carolina.
<i>Micrapate labialis</i> Lesne (Bostrichidae): <i>Sambucus</i> sp.....	Mexico.....	1			New York.
Wood.....	do.....	1			Texas.
<i>Micrelus ericae</i> Gyll. (Curculionidae): <i>Calluna vulgaris</i> (heather).....	Scotland.....	1			New York.
<i>Mimorista flavidissimalis</i> (Grt.) (Pyraustidae): Cactus.....	Mexico.....	2			Texas.
<i>Mimosestes dominicanus</i> (Jek.) (Bruchidae): <i>Acacia farnesiana</i> (cascote).....	Salvador.....	1			Louisiana.
<i>Libidibia</i> sp.....	Canal Zone.....	1			Do.
<i>Ochroma lagopus</i> (balsa)	Colombia.....	1			New York.
<i>Mineola indigenella</i> (Zell.) (Phycitidae): <i>Prunus</i> sp.....	Japan.....			1	Oregon.
(Japanese flowering cherry)					
<i>Monanthia monotropidia</i> Stal (Tingitidae): Bromellad.....	do.....			1	Texas.
<i>Monomorium destructor</i> (Jerd.) (Formicidae): <i>Agave</i> sp. (sisal).....	Haiti.....			1	District of Columbia.
<i>Ananas comosus</i> (pineapple).....	Bahamas.....			1	Florida.
<i>Cajanus cajan</i> (pigeonpea).....	Puerto Rico.....	1			New York.
<i>Coelogyne elata</i> (orchid).....	India.....	1			Hawaii.
<i>Cymbidium</i> sp. (orchid).....	do.....			1	New Jersey.
<i>Dendrobium</i> sp. (orchid).....	do.....	1			Hawaii.
<i>Hibiscus esculentus</i> (okra).....	Trinidad.....	1			New York.
Orchid.....	Colombia, Philippines.	1		1	California*, Florida.

List of pests (insects) collected and reported from July 1, 1948, to June 30, 1949, inclusive
—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Monomorium destructor</i> —Continued					
<i>Pyrus communis</i> (pear).....	Lebanon.....	1			New York.
<i>Vanda</i> sp. (orchid).....	India.....			1	New Jersey.
<i>Moodna bisinuella</i> Hamp. (Phycitidae):					
<i>Zea mays</i> (corn).....	Mexico.....	3	2		Texas.
<i>Mordellistena catleyana</i> Champ. (Mordellidae):					
<i>Cattleya gigas</i> (orchid).....	Colombia.....			2	Florida,
<i>Cattleya labiata</i>	Brazil.....			6	New Jersey.
<i>Cattleya labiata autumnalis</i>	do.....			3	Texas.
<i>Cattleya velutina</i>	do.....			1	California.*
<i>Cattleya warneri</i>	do.....			1	New Jersey.
<i>Cattleya</i> sp.....	Brazil, Colombia, Venezuela.			21	Do.
<i>Epidendrum</i> sp. (orchid).....	do.....			1	Florida,
<i>Laelia purpurata</i> (orchid).....	Brazil.....			1	New Jersey.
Orchid.....	Honduras, Mexico.			3	Florida, Texas.
<i>Mordellistena rufonotata</i> Champ. (Mordellidae):					
Orchid.....	Mexico.....			3	Texas.
<i>Morganiella longispina</i> (Morg.) (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime).....	Philippines.....		1		California.*
<i>Citrus limon</i> (lemon).....	New Zealand.....		2		Do.
<i>Citrus sinensis</i> (orange).....	Brazil.....		1		Do.
<i>Dendrobium</i> sp. (orchid).....	Straits Settlements.			1	Do.
<i>Myelois ceratoniae</i> Zell. (Phycitidae):					
<i>Ceratonia siliqua</i> (St. Johnsbread).....	Italy.....	1			New York.
<i>Citrus sinensis</i> (orange).....	do.....	1			Do.
<i>Phoenix dactylifera</i> (date).....	Iraq.....	1			Florida.*
<i>Myelois notatalis</i> (Wlk.) (Phycitidae):					
<i>Ceratonia siliqua</i> (St. Johnsbread).....	British Honduras.	1			Do.
<i>Myllocerus hilleri</i> Faust (Curculionidae):					
Unknown.....	Japan (?).....		1		Washington.
<i>Myodocha longicollis</i> Stal (Lygaeidae):					
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1			Texas.
<i>Myzus ascalonicus</i> Doncaster (Aphidae):					
<i>Allium cepa</i> (onion).....	France.....	1			Ohio.
<i>Nasutitermes corniger</i> (Motsch.) (Termitidae):					
Log.....	Costa Rica.....	1			South Carolina.
<i>Musa paradisiaca sapientum</i> (banana).....	do.....	1			California.*
Wood.....	Honduras.....	1			Louisiana.
<i>Nasutitermes luzonicus</i> (Oshima) (Termitidae):					
Wood.....	Philippines.....	1			Maryland.
<i>Nasutitermes nigriceps</i> (Haldeman) (Termitidae):					
Orchid.....	Unknown.....			1	Florida.
<i>Neocattarus vegetus</i> Dist. (Lygaeidae):					
<i>Oncidium confusum</i> (orchid).....	Canal Zone.....			1	Hawaii.
<i>Neolytus cacticus</i> Chevr. (Cerambycidae):					
<i>Guajacum officinale</i> (lignumvitae).....	Nicaragua.....	1			California.*
<i>Neodryocoetes guianae</i> Blkm. (Scolytidae):					
<i>Cajanus cajan</i> (pigeonpea).....	British Guiana.....	2			New Jersey.
<i>Pisum sativum</i> (pea).....	do.....	1			Missouri.
<i>Neoleucinodes elegantalis</i> (Guen.) (Pyraustidae):					
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	398			Texas.
<i>Solanum melongena</i> (eggplant).....	Brazil.....		1		New York.
<i>Newsteadia floccosa</i> (Deg.) (Coccidae):					
Woods moss.....	England, France.			2	New Jersey.
<i>Nilotaspis halli</i> (Green) (Coccidae):					
<i>Prunus armeniaca</i> (apricot).....	Israel, Turkey.....			5	District of Columbia.

List of pests (insects) collected and reported from July 1, 1948, to June 30, 1949, inclusive
—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Nilotaspis halli</i> —Continued					
<i>Prunus persica</i> (peach).....	Turkey.....	-----	-----	1	District of Columbia.
<i>Prunus</i> sp. (plum).....	do.....	-----	-----	1	Do.
<i>Nymphalis urticae</i> (L.) (Nymphalidae): Hay packing.....	Netherlands.....	1	-----	-----	Arizona.
<i>Nysius basalis</i> Dallas (Lygaeidae): Orchid.....	Mexico.....	-----	-----	1	Texas.
<i>Nysius dallasi</i> White (Lygaeidae): Airplane.....	Hawaii.....	-----	1	-----	Hawaii.
<i>Nysius simulans</i> Stal (Lygaeidae): <i>Hordeum stenostachys</i>	Uruguay.....	-----	-----	1	District of Columbia, New York.
<i>Prunus persica nectarina</i> (nectarine). <i>Oedionychis lateralis</i> Jac. (Chrysomeli- dae): Orchid.....	Chile.....	1	-----	-----	
<i>Oedionychis transversalis</i> Jac. (Chryso- melidae): Orchid.....	Mexico.....	-----	-----	1	Texas.
<i>Odoecosta biannularis</i> (Boh.) Chryso- melidae): <i>Laelia</i> sp. (orchid).....	do.....	-----	-----	1	Do.
<i>Oosternum costatum</i> Sharp (Hydrophil- idae): Orchid.....	do.....	-----	-----	1	Do.
<i>Orchidophilus peregrinator</i> Buch. (Cur- culionidae): Orchid.....	Hawaii.....	1	-----	-----	Hawaii.
<i>Orthotomicus laricis</i> (F.) (Scolytidae): Wooden strips around peat moss.....	Netherlands.....	1	-----	-----	Louisiana.
<i>Orycaenus lavaterae</i> (F.) (Lygaeidae): <i>Tilia tomentosa</i> (silver linden).....	Italy.....	-----	-----	1	New Jersey.
<i>Orydema longulum</i> (Boh.) (Curculioni- dae): Parcel post package.....	Hawaii.....	1	-----	-----	Hawaii.
<i>Ozophora consanguineus</i> (Dist.) (Ly- gaeidae): Bromeliad.....	Costa Rica.....	-----	-----	1	Texas.
<i>Pachybrachius turidus</i> Hahn. (Lygaei- dae): <i>Dianthus</i> sp. (carnation).....	Netherlands.....	-----	-----	1	New Jersey.
<i>Rhododendron</i> sp.....	do.....	-----	-----	1	Do.
<i>Pachycoris torridus</i> (Scop.) (Pentatomi- dae): <i>Musa paradisica sapientum</i>	Guatemala.....	1	-----	-----	California.*
(banana) <i>Pachyzancla bipunctalis</i> (F.) (Pyraus- tidae): Plant.....	Puerto Rico.....	1	-----	-----	New York.
<i>Pachyzancla periusalis</i> (Wlk.) (Pyraus- tidae): <i>Lycopersicon esculentum</i> (tomato)....	Brazil, Jamaica.....	1	1	-----	Alabama, New York
<i>Pantomorus godmani</i> (Crotch) (Cur- culionidae): Flowers.....	Hawaii.....	1	-----	-----	Hawaii.
<i>Leucaena glauca</i>	do.....	1	-----	-----	Do.
<i>Pimpinella anisum</i> (anise).....	Azores.....	-----	-----	1	New Jersey.
<i>Paracardiophorus pauper</i> (Cand.) (Elat- eridae): Soil around azalea roots.....	Japan.....	-----	-----	1	Hawaii.
<i>Parlatoria camelliae</i> Comst. (Coccidae): <i>Aucuba</i> sp.....	do.....	-----	-----	1	California.*
<i>Camellia japonica</i> (camellia).....	China, Japan.....	-----	-----	12	California*, District of Columbia, Florida*, Washington.
<i>Parlatoria chinensis</i> Marl. (Coccidae): <i>Cydonia</i> sp. (flowering quince).....	Japan.....	-----	-----	1	Washington.
<i>Parlatoria cinerea</i> Hadden (Coccidae): <i>Citrus aurantifolia</i> (sour lime).....	British West Indies, Costa Rica, Mex- ico, Trini- dad.	1	8	-----	California*, Florida*.

List of pests (insects) collected and reported from July 1, 1948, to June 30, 1949, inclusive
—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Parlatoria cinerea</i> —Continued					
<i>Citrus grandis</i> (pummelo).....	Formosa.....		1		California*.
<i>Citrus paradisi</i> (grapefruit).....	Brazil, Panama, Trinidad, Uruguay.		5		Do.
<i>Citrus sinensis</i> (orange).....	Brazil, Panama, Trinidad, Uruguay.	1	14		California*, Florida*.
<i>Parlatoria citri</i> McKenzie (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime).....	Straits Settlements.		1		California*.
<i>Parlatoria crotonis</i> Dougl. (Coccidae):					
<i>Codiaeum variegatum</i> (croton).....	Hawaii.....		1	2	California*, New Jersey.
<i>Parlatoria fluggeae</i> Hall (Coccidae):					
<i>Hibiscus</i> sp.....	do.....			1	California.*
<i>Parlatoria oleae</i> (Colvee) (Coccidae):					
<i>Malus sylvestris</i> (apple).....	Afghanistan, Greece (?), Italy.	27		2	District of Columbia, Michigan, New York.
<i>Mespilus germanica</i> (medlar).....	Italy.....	2			New York.
<i>Olea europaea</i> (olive).....	Greece.....			2	District of Columbia, New Jersey.
<i>Prunus armeniaca</i> (apricot).....	Afghanistan.....			1	District of Columbia.
<i>Prunus persica</i> (peach).....	do.....			1	Do.
<i>Prunus</i> sp. (plum).....	do.....			1	Do.
<i>Pyrus communis</i> (pear).....	Afghanistan, Italy.	2		1	District of Columbia, New York.
<i>Quercus</i> sp. (?).....	Italy.....			1	New Jersey.
<i>Parlatoria pitiospori</i> Mask. (Coccidae):					
<i>Glottiphytum</i> sp.....	Union of South Africa.			1	Do.
<i>Haworthia</i> sp.....	do.....			1	Do.
<i>Palm</i>	Mexico.....	1			California.*
<i>Parlatoria pseudaspidiotus</i> Ldgr. (Coccidae):					
Orchid.....	India, Japan, Philippines.			3	California*, New Jersey, Washington.
<i>Vanda joaquimiae</i> (orchid).....	Philippines, Siam.			3	California*, New Jersey.
<i>Vanda suavis</i>	Batavia.....			1	New Jersey.
<i>Vanda teres</i>	Straits Settlements.			1	California.*
<i>Vanda</i> sp.....	Hawaii, Siam.			2	California*, New Jersey.
<i>Parlatoria theae</i> Ckll. (Coccidae):					
<i>Acer</i> sp. (maple).....	Japan.....	1		3	California*, Washington.
<i>Prunus</i> sp., perhaps <i>mume</i>	do.....			1	District of Columbia.
<i>Rosa</i> sp. (rose).....	do.....			1	California.*
<i>Parlatoria zizyphus</i> (Lucas) (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime).....	China, Philippines, Straits Settlements.		5		Do.
<i>Citrus grandis</i> (pummelo).....	Formosa, Japan, Philippines, Straits Settlements.		4		Do.
<i>Citrus limon</i> (lemon).....	Australia, Italy, Japan, Spain.		13		California*, Florida*.
<i>Citrus paradisi</i> (grapefruit).....	China.....		1		California.*
<i>Citrus reticulata</i> (tangerine).....	China, Japan.	1	2		California*, Minnesota.

List of pests (insects) collected and reported from July 1, 1948, to June 30, 1949, inclusive
—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Parlatoria zizyphus</i> —Continued <i>Citrus sinensis</i> (orange)-----	Algeria, China, Italy, Phil- ippines, Spain.	1	8	-----	California*, Hawaii, Massachu- setts, Penn- sylvania.
<i>Parozyna sororcula</i> (Wied.) (Tephriti- dae): <i>Eriocephalus pubescens</i> -----	Pretoria-----	-----	-----	1	District of Columbia.
<i>Petalus hibisci</i> (Kot.) (Aleyrodidae): <i>Hibiscus</i> sp.-----	Hawaii-----	1	-----	-----	California.*
<i>Pectinophora gossypiella</i> (Saund.) (Gelechiidae): <i>Gossypium</i> sp. (cottonseed)-----	Brazil, Egypt, Hawaii, India, Italy, Jamaica, Mexico, Pakistan, Philippines.	26	5	2	Florida*, Michigan, New York, Pennsylvan- ia, Texas.
<i>Gossypium</i> sp. (seed cotton)-----	Haiti, Mexico-----	3	-----	-----	Florida*, Texas.
<i>Gossypium</i> sp. (cotton boll)-----	Virgin Islands-----	1	-----	-----	New York.
<i>Gossypium</i> sp. (cotton; grabbotts)-----	Brazil-----	1	-----	-----	Texas.
<i>Hibiscus esculentus</i> (okra)-----	American Vir- gin Islands, Brazil, Puerto Rico.	4	1	-----	New York.
In railway car-----	Mexico-----	1	-----	-----	Texas.
<i>Phalonia zephyrana</i> (Treit.) (Phalonii- dae): <i>Daucus carota</i> (carrot)-----	Italy-----	-----	2	-----	Alabama, Louisiana.
<i>Phatnoma annulipes</i> Champ. (Tingidae): Orchid-----	Mexico-----	-----	-----	2	Texas.
<i>Pheidole megacephala</i> (F.) (Formicidae): <i>Ananas comosus</i> (pineapple)-----	Cuba-----	2	-----	-----	Louisiana, New York.
<i>Solanum melongena</i> (eggplant)-----	do-----	1	-----	-----	New York.
<i>Phelomerus germaini</i> Pic (Bruchidae): <i>Cercidium australe</i> -----	Argentina-----	-----	-----	1	Washington.
<i>Phenacaspis sandwicensis</i> Fullaway (Coccidae): <i>Cocos nucifera</i> (coconut)-----	Hawaii-----	-----	1	-----	California.*
<i>Strelitzia</i> sp.-----	do-----	-----	-----	1	Do.
<i>Phenacoccus gossypii</i> Towns. & Okil. (Coccidae): <i>Coleus</i> sp.-----	Mexico-----	-----	-----	1	Arizona.
<i>Phylctinus callosus</i> Boh. (Curculioni- dae): <i>Vitis</i> sp. (grape)-----	Union of South Africa.	7	-----	-----	Maryland, New York.
<i>Phragmatobia fuliginosa</i> (L.) (Aretidae): <i>Primula</i> sp.-----	England-----	-----	-----	1	New York.
<i>Phyllotreta cruciferae</i> (Goeze) (Chryso- melidae): <i>Pyrus communis</i> (pear)-----	France-----	-----	1	-----	Massachu- setts.
<i>Physonota humilis</i> Boh. (Chrysomelidae): Orchid-----	Mexico-----	-----	-----	1	Arizona.
<i>Physorhinus distigma</i> Cand. (Elateri- dae): Log-----	Costa Rica, Mexico.	2	-----	-----	California.*
<i>Physorhinus distigma cephalicus</i> Cand. (Elateridae): <i>Cedrus</i> sp. (cedar)-----	Canal Zone---	1	-----	-----	New York.
<i>Phytomyza atricornis</i> Meig. (Agromyzi- dae): <i>Cichorium endivia</i> (endive)-----	Belgium-----	64	-----	-----	Massachu- setts, New York.
<i>Cichorium intybus</i> (chicory)-----	do-----	8	1	-----	New York.
<i>Piezodorus purus</i> (Stal) (Pentatomidae): <i>Tetragonia arbuscula</i> -----	Pretoria-----	-----	-----	1	District of Columbia.

List of pests (insects) collected and reported from July 1, 1948, to June 30, 1949, inclusive
—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Pinnaspis buzi</i> (Bouche) (Coccidae):					
<i>Anthurium</i> sp.-----	Costa Rica, Hawaii.	2		2	California*, Florida.
<i>Cirrhopetalum</i> sp. (orchid)-----	India.			1	New Jersey.
<i>Dendrobium fusiforme</i> (orchid)-----	Australia.			2	Hawaii.
<i>Dendrobium speciosum</i> -----	do.			3	Hawaii, New Jersey, Washington.
<i>Dendrobium</i> sp.-----	do.			1	Washington.
<i>Philodendron</i> sp.-----	Hawaii.			1	California.*
<i>Pityogenes bidentatus</i> (Herbst.) (Scolytidae):					
<i>Pinus</i> sp. (pine)-----	Germany, Netherlands.	4			Alabama, New York, Texas.
<i>Pityogenes chalcographus</i> (L.) (Scolytidae):					
Bark-----	Belgium, Sweden.	2			New Jersey, Pennsylvania, Pennsylvania.
Coniferous wood-----	Finland.	1			New York.
<i>Picea</i> sp. (spruce)-----	Finland, Germany, Hungary, Sweden.	16			
<i>Pinus</i> sp. (pine)-----	Germany, Hungary, Netherlands.	5			Louisiana, New York.
<i>Pityophthorus sambuci</i> Blkm. (Scolytidae):					
Bark-----	Mexico.	1			California.
<i>Salix</i> sp. (willow)-----	do.	1			Texas.
<i>Plagioderia thymaloidea</i> Stal (Chrysomelidae):					
Orchid-----	do.			5	Do.
<i>Platycarenum humilis</i> (H.-S.) (Pentatomidae):					
<i>Musa paradisiaca sapientum</i> (banana)-----	Costa Rica.	1			California.*
<i>Platycarenum notulatus</i> Stal (Pentatomidae):					
<i>Musa paradisiaca sapientum</i> (banana)-----	Mexico.	1			Do.
<i>Platynota rostrana</i> (Wlk.) (Tortricidae):					
<i>Ananas comosus</i> (pineapple)-----	Cuba.	1			Louisiana.
<i>Capsicum frutescens longum</i> (long red pepper)-----	Mexico.	3			California.*
<i>Lycopersicon esculentum</i> (tomato)-----	do.	9			Texas.
<i>Platynota stultana</i> (Wlsm.) (Tortricidae):					
<i>Beta vulgaris</i> (beet)-----	do.	1			Do.
<i>Capsicum frutescens</i> (pepper)-----	do.	48			Arizona, Texas.
<i>Lycopersicon esculentum</i> (tomato)-----	do.	1			Texas.
<i>Platypus rugulosus</i> Chapuis (Platypodidae):					
<i>Ananas comosus</i> (pineapple)-----	do.	4			Do.
<i>Ceiba</i> sp.-----	Nicaragua.	1			New York.
Log-----	Costa Rica.	1			South Carolina.
<i>Platythrips tunicatus</i> Hal. (Thripidae):					
Woods moss-----	England.			1	New Jersey.
<i>Plesiommatia mollicella</i> (Fowl.) (Cicadellidae):					
<i>Gladiolus</i> sp.-----	Mexico.	1			Texas.
<i>Poecilips persicae</i> (Hopk.) (Scolytidae):					
Cyatheaceae-----	Hawaii.	1			California.*
<i>Pogonocherus fasciculatus</i> Deg. (Cerambycidae):					
<i>Picea</i> sp. (spruce)-----	Sweden.	1			New York.
<i>Polia oleracea</i> (L.) (Phalaenidae):					
<i>Beta vulgaris macrorrhiza</i> (mangel-wurzel)-----	England.		1		Do.
" <i>Poliaspis</i> " <i>pini</i> Mask. (Coccidae):					
<i>Pinus thunbergii</i> (2-leaved pine)-----	Japan.			1	Washington.
<i>Pinus</i> sp. (2-leaved pine)-----	do.			3	Do.
<i>Pinus</i> sp.-----	do.			1	California.*

List of pests (insects) collected and reported from July 1, 1948, to June 30, 1949, inclusive
—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Polycan chiliensis</i> (Cast.) (Bostrichi- dae):					
<i>Vitis</i> sp. (grape)	Chile	1			New York.
<i>Polychrosis botrana</i> (Schiff.) (Olethreuti- dae):					
<i>Vitis</i> sp. (grape)	France, Italy	4	1		Massachu- setts, New York.
<i>Prays oleellus</i> (F.) (?) (Hyponomeuti- dae):					
<i>Olea europaea</i> (olive)	Lebanon	1			New York.
<i>Premnotrypes fractirostris</i> Mshl. (Cur- cullionidae):					
<i>Solanum tuberosum</i> (potato)	Peru		1		Texas.
<i>Premnotrypes solani</i> Pierce (Curculioni- dae):					
<i>Solanum tuberosum</i> (potato)	do		2		Do.
<i>Premnotrypes toraz</i> (Hust.) (Curculioni- dae):					
<i>Solanum tuberosum</i> (potato)	Ecuador		1		New York.
<i>Prodenia eridania</i> (Cram.) (Phalaenidae):					
<i>Aster</i> sp.	Bermuda	1			Do.
<i>Chrysanthemum</i> sp.	Venezuela	1			Do.
<i>Lilium longiflorum</i> (Easter lily)	Honduras	1			Louisiana.
<i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Arizona.
<i>Prodenia ornithogalli</i> Gn. (Phalaenidae):					
<i>Zinnia</i> sp.	do	1			Texas.
<i>Prostephanus truncatus</i> (Horn) (Bostrichi- dae):					
<i>Zea mays</i> (corn)	do			1	Do.
<i>Protopulvinaria longivalvata</i> (Green) (Coccidae):					
<i>Antidesma bunius</i> (bignay China laurel)	Canal Zone			1	Florida.
<i>Gardenia augusta</i> (gardenia)	Venezuela	3	1	1	Alabama, New York, California.*
<i>Eugenia jambos</i> (rose-apple)	Canal Zone			1	
<i>Protopulvinaria pyriformis</i> (Ckll.) (Coc- cidae):					
<i>Gardenia augusta</i> (gardenia)	Cuba	2			Florida.*
<i>Lonicera</i> sp.	Bermuda			1	New York.
<i>Vanilla pompona</i> (orchid)	Canal Zone			1	Texas.
<i>Pseudaonidia clavigera</i> Ckll. (Coccidae):					
<i>Plumeria</i> sp.	Hawaii			1	California.*
<i>Pseudaonidia curculiginis</i> Green (Coccidae):					
<i>Cymbidium findlaysonianum</i> (orchid)	Philippines			1	Do.
<i>Pseudaonidia tesserata</i> (de Charm.) (Coc- cidae):					
<i>Hibiscus</i> sp.	Hawaii			1	Do.
<i>Pseudaonidia trilobitiformis</i> (Green) (Coccidae):					
<i>Citrus limon</i> (lemon)	Argentina, Brazil		2		Do.
<i>Izora</i> sp.	Canal Zone			1	Florida.
<i>Pseudischnaspis acephala</i> Ferris (Coc- cidae):					
<i>Arundina bambusifolia</i> (orchid)	do			1	California.*
<i>Pseudischnaspis alienus</i> (Newst.) (Coc- cidae):					
<i>Brassavola</i> sp. (orchid)	Honduras			1	Florida.
<i>Cattleya skinneri</i> (orchid)	Costa Rica			1	New Jersey.
<i>Cattleya</i> sp.	Guatemala, Venezuela			2	Florida, New Jersey.
<i>Laelia anceps</i> (orchid)	Mexico			1	Texas.
<i>Laelia autumnalis</i> (?)	do			1	California.*
<i>Philodendron</i> sp.	Guatemala			1	Do.
<i>Pseudococcus palmarum</i> (Ehrh.) (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Hawaii, Phil- ippines	7	2		California.*
<i>Pseudococcus pini</i> (Kuw.) (Coccidae):					
<i>Pinus</i> sp. (pine)	Japan, Korea			4	California*, District of Columbia, Washington.

List of pests (insects) collected and reported from July 1, 1948, to June 30, 1949, inclusive
—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Pseudococcus trichilae</i> Brain (Coccidae): <i>Leucadendron argenteum</i> (silver leucadendron)	Union of South Africa.	1			New Jersey.
<i>Pseudodiaspis yuccae</i> (Okl.) (Coccidae): Cactus	Mexico			1	Arizona.
<i>Pseudoparlatoria ostreata</i> Ckll. (Coccidae): <i>Cattleya mossiae</i> (orchid)	Costa Rica			1	California.*
<i>Psila rosae</i> (F.) (Psilidae): <i>Apium graveolens</i> (celery)	England, France, Netherlands.		11		Alabama, New York, Pennsylvania, Texas.
<i>Apium graveolens rapaceum</i> (celeriac)	Denmark, Netherlands, Norway.		8		Louisiana, Texas.
<i>Chrysanthemum</i> sp.	England			1	New Jersey.
<i>Daucus carota</i> (carrot)	Algeria, Belgium, Cuba, Denmark, England, France, Ireland, Italy, Netherlands, Portugal, Sweden, Wales.		43		Alabama, New York, Ohio, South Carolina, Texas, Virginia.
<i>Pastinaca sativa</i> (parsnip)	England		4		Texas.
<i>Pteleobius vittatus</i> (F.) (Scolytidae): <i>Ulmus</i> sp. (elm)	do.	1			New York.
<i>Ptochoryctis tsugensis</i> (Kearf.) (?) (Xyloryctidae): <i>Cupressus</i> sp. (cypress)	Japan			1	Washington.
<i>Pinus</i> sp. (5-leaved pine)	do.			2	Do.
<i>Pulvinaria innumerabilis</i> (Rath.) (Coccidae): <i>Vitis</i> sp. (grape)	France			1	New Jersey.
<i>Pulvinaria psidii</i> Mask. (Coccidae): <i>Anthurium</i> sp.	Trinidad			1	Florida.
<i>Ficus paudurata</i> (fiddleleaf fig)	Cuba			1	New Jersey.
<i>Pittosporum</i> sp.	Bermuda			1	Maryland.
<i>Syzygium cumini</i> (jambolan-plum)	Philippines	1			California.*
<i>Puto mexicanus</i> (Ckll.) (?) (Coccidae): <i>Laelia</i> sp. (orchid)	Mexico			1	Texas.
<i>Pyrausta nubilalis</i> (Hbn.) (Pyraustidae): <i>Beta vulgaris</i> (beet)	Italy		1		Do.
<i>Corylus avellana</i> (filbert)	do.			1	New Jersey.
<i>Sorghum vulgare technicum</i> (broomcorn)	France, Hungary, Italy.	18			Maryland, Massachusetts, New York, Pennsylvania.
<i>Zea mays</i> (corn)	France	1	1	1	California*, New York, Texas.
<i>Quichuana calathea</i> Shannon (Syrphidae): <i>Tillandsia</i> sp.	Mexico			1	Texas.
<i>Renocis mexicanus</i> Blkm. (Scolytidae): Wood	do.	1			Washington.
<i>Rhabdoscelus obscurus</i> (Boisd.) (Curculionidae): <i>Saccharum officinarum</i> (sugarcane)	American Samoa	1			Hawaii.
<i>Rhagoletis alternata</i> (Fall.) (Tephritidae): <i>Rosa</i> sp. (rose)	Sweden	1			New York.
<i>Rhagoletis alternata</i> (Fall.) (?) (Tephritidae): <i>Rosa</i> sp. (rose)	Austria, Sweden.	1		1	New York, Washington.
<i>Rhagoletis cerasi</i> (L.) (Tephritidae): <i>Prunus</i> sp. (cherry)	France, Germany, Italy, Portugal, unknown.	3	5		Massachusetts, New York.

List of pests (insects) collected and reported from July 1, 1948, to June 30, 1949, inclusive
—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Rhagoletis cerasi</i> (L.) (?) (Tephritidae): <i>Prunus</i> sp. (cherry).....	France, Italy, Portugal, Spain.	-----	4	-----	Massachusetts, New York.
<i>Rhagoletis juglandis</i> Cress. (?) (Tephritidae): <i>Juglans</i> sp. (walnut).....	Mexico.....	1	-----	-----	Texas.
<i>Rhagoletis pomonella</i> (Walsh) (Tephritidae): <i>Crataegus</i> sp. (red haw).....	do.....	1	-----	-----	Do.
<i>Malus sylvestris</i> (apple).....	Mexico, unknown.	8	1	-----	New York, Texas.
<i>Rhagoletis striatella</i> Wulp (Tephritidae): <i>Physalis</i> sp. (husk tomato).....	Mexico.....	1	-----	-----	Texas.
<i>Rhinoncus pyrrhopus</i> Boh. (Curculionidae): <i>Armeria</i> sp. (statice).....	do.....	1	-----	-----	Do.
<i>Rhipibruchus leiboldi</i> (Philippi) (Bruchidae): <i>Prosopis</i> sp.	Argentina.....	-----	-----	1	District of Columbia.
<i>Rhipibruchus picturatus</i> (Fahr.) (Bruchidae): <i>Prosopis alba</i>	do.....	-----	-----	2	District of Columbia, Oregon.
<i>Prosopis</i> sp.	do.....	-----	-----	1	Washington.
<i>Rhopalosiphoninus tulipaeillus</i> (Theob.) (Aphidae): <i>Tulipa</i> sp. (tulip).....	Netherlands.....	-----	-----	1	New York.
<i>Ribua innoxia</i> Hein. (Phycitidae): <i>Ananas comosus</i> (pineapple).....	Cuba.....	25	-----	-----	Louisiana, New York, Texas.
<i>Ripersiella palestineae</i> Hambl. (Coccidae): <i>Arum</i> sp.	Palestine.....	-----	-----	1	District of Columbia.
<i>Iris</i> sp.	do.....	-----	-----	1	Do.
<i>Sternbergia</i> sp.	do.....	-----	-----	1	Do.
<i>Saldula saltatoria</i> (L.) (Saldidae): Soil and moss packing.....	Ireland.....	-----	-----	1	New York.
<i>Scolopostethus affinis</i> (Schilling) (Lygaeidae): Soil around rhododendrons.....	England.....	-----	-----	1	Washington.
<i>Scolytus intricatus</i> (Ratz.) (Scolytidae): <i>Quercus</i> sp. (oak).....	do.....	1	-----	-----	New York.
<i>Sesamia cretica</i> (Led.) (Phalaenidae): <i>Sorghum vulgare technicum</i> (broomcorn).....	France, Italy..	23	-----	-----	Maryland, New York.
<i>Sesamia vueria</i> (Stoll) (Phalaenidae): <i>Sorghum vulgare technicum</i> (broomcorn).....	Morocco, Portugal.	3	-----	-----	New York.
<i>Sibine stimulea</i> (Clem.) (Limacodidae): <i>Musa paradisiaca sapientum</i> (banana).....	Costa Rica.....	1	-----	-----	California.*
<i>Sinozylon anale</i> Lesne (Bostrichidae): Wood.....	India.....	2	-----	-----	New York.
<i>Sinozylon conigerum</i> Gerst. (Bostrichidae): <i>Cocos nucifera</i> (coconut).....	Hawaii.	1	-----	-----	Hawaii.
Wood.....	Ceylon, India.	21	-----	-----	New York.
<i>Sinozylon sexdentatum</i> (Oliv.) (Bostrichidae): Leguminosae (?).....	Algeria.....	1	-----	-----	Pennsylvania.
Wood staves.....	do.....	2	-----	-----	Do.
<i>Sisamnes contractus</i> Dist. (Lygaeidae): <i>Ananas comosus</i> (pineapple).....	Mexico.....	14	-----	-----	Texas.
<i>Sitona humeralis</i> Steph. (Curculionidae): <i>Allium sativum</i> (garlic).....	Italy.....	1	-----	-----	New York.
<i>Lilium</i> sp. (lily).....	do.....	-----	-----	1	Do.
<i>Rosa</i> sp. (rose).....	do.....	-----	-----	1	Do.
<i>Vitis</i> sp. (grape).....	do.....	1	-----	-----	Do.
<i>Sitona lineata</i> (L.) (Curculionidae): <i>Apium graveolens</i> (celery).....	Netherlands.....	-----	1	-----	Pennsylvania.
<i>Narcissus</i> sp.	do.....	-----	-----	1	New York.
<i>Rhododendron</i> sp.	do.....	-----	-----	1	New Jersey.

List of pests (insects) collected and reported from July 1, 1948, to June 30, 1949, inclusive
—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Sireonotus luteiceps</i> Reuter (Miridae):					
Cactus.....	Mexico.....	-----	-----	1	Texas.
Flower.....	do.....	1	-----	-----	Do.
<i>Mammillaria</i> sp. (cactus).....	do.....	-----	-----	1	Do.
Succulent plant.....	do.....	-----	-----	1	Arizona.
<i>Sparteus villosus</i> (F.) (Bruchidae):					
<i>Cytisus purpureus</i> (purple broom).....	Italy.....	-----	-----	2	New Jersey.
<i>Cytisus scoparius</i> (Scotch broom).....	do.....	-----	-----	1	Do.
<i>Cytisus</i> sp.....	Austria.....	-----	-----	1	Washington.
<i>Laburnum anagyroides</i> (goldenchain).....	Italy.....	-----	-----	1	New Jersey.
<i>Spartium junceum</i> (weavers-broom).....	do.....	-----	-----	1	Do.
<i>Specularius impressithorax</i> (Pic) (Bruchidae):					
<i>Erythrina tomentosa</i>	Kenya.....	-----	-----	1	Do.
<i>Spermophagus cardui</i> (Boh.) (Bruchidae):					
<i>Convolvulus arvensis</i>	Turkey.....	-----	-----	1	District of Columbia.
<i>Sphenarches caffer</i> (Zell.) (Pterophoridae):					
<i>Cajanus cajan</i> (pigeonpea).....	Puerto Rico.....	5	-----	-----	New York.
<i>Spintherus leguminum</i> Ratz. (Pteromalidae):					
<i>Astragalus</i> sp.....	Turkey.....	-----	-----	1	District of Columbia.
<i>Stenoma anonella</i> Sepp. (Stenomidae):					
<i>Annona muricata</i> (sour sop).....	Panama.....	1	-----	-----	Florida.*
<i>Annona</i> sp.....	Salvador.....	1	-----	-----	Louisiana.
<i>Stenoma catenifer</i> (Wism.) (Stenomidae):					
<i>Persea americana</i> (avocado).....	Brazil, British West Indies, Colombia, Ecuador, Guatemala, Honduras, Mexico, Nicaragua, Panama, Peru, Puerto Rico, Salvador, Venezuela, Honduras.....	19	12	-----	Alabama, California*, Florida*, Louisiana, Massachusetts, New York, Texas.
<i>Persea schiedeana</i> (coyo avocado).....	Honduras.....	-----	-----	1	Florida.
<i>Stephanitis pyrioides</i> Scott (Tingidae):					
<i>Rhododendron</i> sp.....	Japan.....	-----	-----	1	California.*
<i>Stephanoderes buscki</i> Hopk. (Scolytidae):					
<i>Myristica fragrans</i> (nutmeg).....	British West Indies.....	1	-----	-----	New York.
<i>Stephanoderes hampei</i> (Ferr.) (Scolytidae):					
<i>Coffea</i> sp. (coffee).....	Brazil.....	-----	1	-----	Do.
<i>Stephanoderes lecontei</i> Hopk. (Scolytidae):					
<i>Musa paradisiaca sapientum</i> (banana).....	Guatemala.....	1	-----	-----	South Carolina.
<i>Poinciana</i> sp. (?).....	Mexico.....	1	-----	-----	Texas.
<i>Saccharum officinarum</i> (sugarcane).....	do.....	1	-----	-----	Do.
Seed pod.....	do.....	1	-----	-----	Do.
<i>Strophosoma melanogramma</i> Forst. (Curculionidae):					
Woods moss.....	Germany.....	-----	-----	1	New Jersey.
<i>Systole geniculata</i> Foerst. (Eurytomidae):					
<i>Anethum graveolens</i> (dill).....	India (?).....	-----	1	-----	Pennsylvania.
<i>Petroselinum crispum</i> (parsley).....	Mexico.....	1	-----	-----	Arizona.
<i>Taeniothrips atratus</i> (Hal.) (Thripidae):					
<i>Aster</i> sp.....	Switzerland.....	-----	1	-----	New York.
<i>Dianthus</i> sp. (carnation).....	Sweden.....	1	-----	-----	Massachusetts.
<i>Lathyrus odoratus</i> (sweet pea).....	Scotland, Sweden.....	-----	2	-----	New York.
<i>Rosa</i> sp. (rose).....	Sweden.....	1	-----	-----	Do.
<i>Taeniothrips dianthi</i> Pr. (Thripidae):					
<i>Dianthus</i> sp. (carnation).....	Unknown.....	-----	1	-----	Do.
<i>Taeniothrips gracilis</i> Mlt. (Thripidae):					
<i>Lycoris</i> sp.....	China.....	-----	-----	1	New Jersey.
<i>Vanda</i> sp. (orchid).....	India.....	-----	-----	1	Do.

List of pests (insects) collected and reported from July 1, 1948, to June 30, 1949, inclusive
—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Taeniothrips hawaiiensis</i> (Morg.) (Thripidae):					
<i>Bougainvillea</i> sp.	Hawaii	2			California.*
<i>Canavalia</i> sp.	do.	7			Do.
<i>Dianthus</i> sp. (carnation) ..	do.	6			Do.
Flower lei	do.	1			Do.
<i>Gardenia augusta</i> (gardenia) ..	do.	1			Do.
<i>Taeniothrips simplex</i> (Mor.) (Thripidae):					
<i>Dianthus</i> sp. (carnation) ..	Guatemala, Mexico, Peru.	2	1		Louisiana, Texas.
<i>Gladiolus</i> sp.	Cuba, Mexico, Netherlands, New Zealand, Peru, Venezuela.	10	3	5	California*, Louisiana, New Jersey, New York, Texas, Washington. New Jersey.
<i>Ornithogalum thyrsoides</i> .. (chinkerichee)	Cape of Good Hope.			1	
<i>Talponia batesi</i> Hein. (Olethreutidae):					
<i>Annona cherimola</i> (cherimoya) ..	Mexico	2			Texas.
<i>Tanymecus confusus</i> Say (Curculionidae):					
<i>Ananas comosus</i> (pineapple) ..	do.	1			Do.
" <i>Targionia</i> " <i>bromiliae</i> (Leon.) (Coccidae):					
<i>Ananas comosus</i> (pineapple) ..	Cuba, Hawaii, Mexico.	40			California*, New York, Texas.
" <i>Targionia</i> " <i>hartii</i> (Ckll.) (Coccidae):					
<i>Dioscorea</i> sp. (yam)	American Vir- gin Islands, Barbados, China, Nevis, St. Kitts, West Indies.	6			Hawaii, Massachu- setts, New York.
" <i>Targionia</i> " <i>sacchari</i> (Ckll.) (Coccidae):					
<i>Cymbopogon citratus</i> (lemon grass) ..	Jamaica	1			Florida.*
Gramineae	Guam			1	California.*
<i>Pennisetum purpureum</i> .. (napier grass)	Trinidad ..			1	New Jersey.
<i>Saccharum officinarum</i> (sugarcane) ..	Puerto Rico ..	2			New York, Virginia.
<i>Targionia vitis</i> (Sign.) (Coccidae):					
<i>Vitis</i> sp. (grape)	Italy			1	Michigan.
<i>Tenthecoris angustimarginatus</i> Hsiao & Sailer (Miridae):					
<i>Laelia</i> sp. (orchid)	Mexico			2	Texas.
Orchid	do.			10	Do.
<i>Tenthecoris bicolor</i> Scott (Miridae):					
<i>Cattleya</i> sp. (orchid)	Brazil			1	New Jersey.
Orchid	do.			1	Puerto Rico.
<i>Tenthecoris confusus</i> Hsiao & Sailer (Miridae):					
<i>Cattleya</i> sp. (orchid)	Honduras ..			1	Texas.
<i>Laelia anceps</i> (orchid) ..	Mexico	1			Do.
<i>Laelia</i> sp.	do.			1	Do.
Orchid	do.			10	Do.
<i>Tenthecoris distinctus</i> Hsiao & Sailer (Miridae):					
<i>Cynoches chlorochilon</i> (orchid) ..	Canal Zone ..			1	Florida.
Orchid	Mexico			14	Texas.
<i>Tenthecoris distinguendus</i> Hsiao & Sailer (Miridae):					
Orchid	Costa Rica ..			1	Florida.
<i>Tenthecoris exitiosus</i> (Dist.) (Miridae):					
<i>Cattleya</i> sp. (orchid)	Colombia			1	Texas.
<i>Tenthecoris venezuelensis</i> Hsiao & Sailer (Miridae):					
<i>Cattleya</i> sp. (orchid)	Venezuela ..			5	New Jersey, Texas.
Orchid	do.			4	Florida, New Jersey, New York.
<i>Tenthecoris vestitus</i> (Dist.) (Miridae):					
<i>Epidendrum fragrans</i> (orchid) ..	Guatemala ..			1	California.*

List of pests (insects) collected and reported from July 1, 1948, to June 30, 1949, inclusive
—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Tenthecoris vestitus</i> —Continued					
<i>Odontoglossum pulchellum</i> (orchid)	do.			1	California.*
<i>Oncidium bicallosum</i> (orchid)	do.			1	Do.
<i>Termes hispaniolae</i> (Banks) (Termiti- dae):					
<i>Chlorophora tinctoria</i> (fustictree)					
<i>Tetraleurodes hederæ</i> Goux (Aleyrodi- dae):	Colombia	1			New York.
<i>Hedera canariensis</i> var. <i>variegata</i>					
<i>Tetraleurodes mori</i> (Q.) (Aleyrodidae):	France			1	New Jersey.
<i>Citrus aurantifolia</i> (sour lime)					
<i>Citrus sinensis</i> (orange)	Mexico	1			Texas.
<i>Citrus</i> sp.	do.	6			Do.
Leaf	do.	9			Do.
<i>Nerium oleander</i> (oleander)	do.			1	Arizona.
<i>Psidium guajava</i> (guava)	do.	1			Do.
<i>Tetrapiroceræ longicornis</i> (Oliv.) (Bos- trichidae):	do.	1		1	Do.
<i>Ananas comosus</i> (pineapple)					
<i>Thamnophthorus schwarzi</i> Blkm. (Scoly- tidae):	do.	1			Texas.
<i>Persea americana</i> (avocado)					
<i>Thrips angusticeps</i> Uzel (Thripidae):	do.	2			Do.
<i>Cichorium intybus</i> (chicory)					
<i>Thrips flavus</i> Schr. (Thripidae):	France		1		New York.
<i>Dianthus</i> sp. (carnation)					
<i>Phlox</i> sp.	Norway	1			Do.
<i>Rosa</i> sp. (rose)	England			1	New Jersey.
<i>Rudbeckia</i> sp.	Germany	1			New York.
<i>Thrips fuscipennis</i> Hal. (Thripidae):	Denmark		1		Do.
<i>Aster</i> sp.					
<i>Rudbeckia</i> sp.	Switzerland		1		Do.
<i>Thrips hawaiiensis</i> (Morg.) (Thripidae):	Denmark		1		Do.
<i>Vanda</i> sp. (orchid)					
<i>Thrips nigropilosus</i> Uzel (Thripidae):	Hawaii	1			Hawaii.
<i>Aster</i> sp.					
<i>Thrips trehernei</i> Fr. (Thripidae):	England			1	New Jersey.
<i>Dianthus</i> sp. (carnation)					
<i>Tomasia postica</i> Wlk. (Cercopidae):	British Col- umbia.	1			Minnesota.
<i>Saccharum officinarum</i> (sugarcane)					
<i>Tomoplagia obliqua</i> (Say) (Tephritidae):	Mexico	1			Arizona.
Airplane					
<i>Trapezonotus arenarius</i> (L.) (Lygaeidae):	do.		1		Texas.
Soil					
Woods moss around rose cutting	France			1	New York.
<i>Trialeurodes lauri</i> (Sign.) (Aleyrodidae):	Germany			1	New Jersey.
<i>Laurus</i> sp.					
<i>Trialeurodes vaporariorum</i> (Westw.) (Aleyrodidae):	Italy	2			New York.
Herb					
<i>Jasminum polyanthum</i>	Mexico	1			Texas.
<i>Rosa</i> sp. (rose)	England			1	California.*
<i>Trichobaris mucorea</i> (Lec.) (Curculioni- dae):	Mexico			1	Texas.
<i>Solanum melongena</i> (eggplant)					
<i>Trionymus lounsburyi</i> Brain (Coccidae):	do.	1			Arizona.
<i>Ornithogalum thyrsoides</i> (chinkerichee)					
<i>Trioxa anceps</i> Tuth. (Psyllidae):	Union of South Africa.			1	New Jersey.
Leaf					
<i>Trochuda raspa</i> (Druce) (Pericopidae):	Mexico	1			Texas.
Orchid					
<i>Trupanea pentziana</i> Munro (Tephriti- dae):	do.			1	Do.
<i>Pentzia spinescens</i>					
<i>Tychius inermis</i> Csy. (Curculionidae):	Pretoria			1	District of Columbia.
<i>Tillandsia usneoides</i> (Spanish moss)					
<i>Utopa reticulata</i> (F.) (Cicadellidae):	Mexico	1			Texas.
<i>Calluna vulgaris</i> (heather)					
<i>Unaspis citri</i> (Comst.) (Coccidae):	Scotland			1	Washington.
<i>Citrus paradisi</i> (grapefruit)					
<i>Citrus reticulata</i> (tangerine)	Panama		1		California.*
	Brazil		1		New York.

List of pests (insects) collected and reported from July 1, 1948, to June 30, 1949, inclusive
—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Unaspis citri</i> —Continued					
<i>Citrus sinensis</i> (orange)-----	Argentina,----- Brazil, Mexico, Panama, Trinidad.	-----	5	-----	California*, Florida.*
<i>Unaspis yanonensis</i> (Kuw.) (Coccidae):					
<i>Citrus reticulata</i> (tangerine)-----	Japan-----	-----	3	-----	California.*
<i>Vallissus diversus</i> (Dist.) (Lygaeidae):					
Orchid-----	Mexico-----	-----	-----	1	Texas.
<i>Vesiculaphis caricis</i> (Full.) (Aphidae):					
<i>Rhododendron</i> sp.-----	Japan-----	-----	-----	1	Washington.
<i>Vinsonia stelfifera</i> (Westw.) (Coccidae):					
<i>Aspasia</i> sp. (orchid)-----	Canal Zone-----	-----	-----	1	Texas.
<i>Brassia caudata</i> (orchid)-----	do-----	-----	-----	1	California*.
<i>Bromeliad</i> -----	do-----	-----	-----	2	California*, New Jersey.
<i>Cattleya</i> sp. (orchid)-----	Venezuela-----	-----	-----	1	New Jersey.
<i>Cynoches chlorochilon</i> (orchid)-----	Canal Zone-----	-----	-----	1	Florida.
<i>Ixora</i> sp.-----	Trinidad-----	-----	-----	1	Do.
<i>Oncidium confusum</i> (orchid)-----	Canal Zone-----	-----	-----	2	Hawaii, Texas.
Orchid-----	Canal Zone, Jamaica.	-----	-----	5	California*, Florida.
<i>Renanthera</i> sp. (orchid)-----	Straits Settle- ments.	-----	-----	1	New Jersey.
<i>Xyleborus affinis</i> Eichh. (Scolytidae):					
Log-----	Costa Rica-----	2	-----	-----	South Caro- lina.
<i>Xylomeira torquata</i> (F.) (Bostrichidae):					
<i>Agrostis alba</i> (redtop)-----	Mexico-----	1	-----	-----	Texas.
<i>Ananas comosus</i> (pineapple)-----	do-----	1	-----	-----	Do.
<i>Xylopsocus capucinus</i> (F.) (Bostrichi- dae):					
<i>Derris</i> sp.-----	China-----	1	-----	-----	New York.
<i>Xylosandrus morigerus</i> (Bldfd.) (Scoly- tidae):					
<i>Dendrobium phalaenopsis</i> (orchid)-----	Australia-----	-----	-----	1	California.*
<i>Xylothrips flavipes</i> (Ill.) (Bostrichidae):					
Wood-----	Ceylon-----	1	-----	-----	New York.
<i>Zabrotes subfasciatus</i> (Boh.) (Bruchidae):					
Airplane-----	Honduras-----	-----	1	-----	Texas.
Bean-----	Cuba, England, Mexico, Netherlands, Portugal, Puerto Rico, Venezuela.	5	4	-----	District of Columbia, Missouri, New York, Texas.
<i>Cajanus cajan</i> (pigeonpea)-----	Guatemala-----	-----	-----	2	District of Columbia.
<i>Chrysanthemum</i> sp.-----	Mexico-----	1	-----	-----	Texas.
<i>Lycopersicon esculentum</i> (tomato)-----	do-----	1	-----	-----	Do.
<i>Phaseolus lunatus</i> (sieva bean)-----	Guatemala-----	-----	-----	1	District of Columbia.
<i>Phaseolus lunatus macrocarpus</i> (lima bean)-----	Argentina-----	-----	1	-----	Texas.
<i>Phaseolus vulgaris</i> (kidney bean)-----	India-----	-----	-----	1	District of Columbia.
<i>Phaseolus</i> sp.-----	Mexico, Puerto Rico.	1	1	-----	California*, New York.
<i>Zale sabena</i> (Schaus) (Phalaenidae):					
Orchid-----	Mexico-----	-----	-----	1	Texas.

- ABIES:**
Aspidiotus abietis (Homoptera)
- ACACIA:**
Algarobius ceratioborus (Coleoptera)
Dendrobiella sericans (Coleoptera)
Mimosestes dominicanus (Coleoptera)
- ACER:**
Ceroplastes ceriferus (Homoptera)
Parlatoria theae (Homoptera)
- ACHRAS:**
Anastrepha serpentina (Diptera)
Aspidiotus diffinis (Homoptera)
Asterolecanium pustulans (Homoptera)
- AGAVE:**
Crophius scabrosus (Coleoptera)
Monomorium destructor (Hymenoptera)
- AGROSTIS:**
Xylomeira torquata (Coleoptera)
- ALLIUM CEPA:**
Acrolepia assectella (Lepidoptera)
Lygaeus consanguinitus (Coleoptera)
Myzus ascalonicus (Homoptera)
- ALLIUM PORRUM:**
Acrolepia assectella (Lepidoptera)
- ALLIUM SATIVUM:**
Brachycerus albidentatus (Coleoptera)
Brachycerus algius (Coleoptera)
Listroderes aequivocus (Coleoptera)
Sitona humeralis (Coleoptera)
- ALOE:**
"Chionaspis" *exalbida* (Homoptera)
"Chionaspis" *humilis* (Homoptera)
- ALYXIA:**
Ceroplastes rubens (Homoptera)
Eucalymnatus tessellatus (Homoptera)
- ANANAS:**
Acrosticta mexicana (Diptera)
Alpheias conspirata (Lepidoptera)
Chalcodermus dentiferus (Coleoptera)
Clerada apicornis (Coleoptera)
Genopaschia prolomis (Lepidoptera)
Horistonotus dilaticornis (Coleoptera)
Horistonotus rufiventris (Coleoptera)
Hypolithus pectoralis (Coleoptera)
Ligyrocoris litigiosus (Hemiptera)
Monomorium destructor (Hymenoptera)
Pheidole megacephala (Hymenoptera)
Platynota rostrana (Lepidoptera)
Platypus rugulosus (Coleoptera)
Ribua innoxia (Lepidoptera)
Sisamnes contractus (Hemiptera)
Tanymecus confusus (Coleoptera)
"Targionia" *bromiliae* (Homoptera)
Tetrapriocera longicornis (Coleoptera)
Xylomeira torquata (Coleoptera)
- ANEMONE:**
Anuraphis tulipae (Homoptera)
- ANETHUM:**
Systole geniculata (Hymenoptera)
- ANNONA:**
Aleurotrachelus trachoides (Homoptera)
Anastrepha fraterculus (?) (Diptera)
Anastrepha ludens (Diptera)
Coccotrypes carpophagus (Coleoptera)
Stenomona anonella (Lepidoptera)
Talponia batesi (Lepidoptera)
- ANTHURIUM:**
Asterolecanium epidendri (Homoptera)
Ceroplastes rubens (Homoptera)
Chrysomphalus umboniferus (Homoptera)
Pinnaspis buxi (Homoptera)
Pultrina psidii (Homoptera)
- ANTIDESMA:**
Protopulvinaria longivalvata (Homoptera)
- ANTIRRHINUM:**
Frankliniella insularis (Thysanoptera)
- APIUM:**
Euleia heraclei (Diptera)
Psila rosae (Diptera)
Sitona lineata (Coleoptera)
- ARMERIA:**
Rhinoncus pyrrhopus (Coleoptera)
- ARUM:**
Ripersiella palestinae (Homoptera)
- ARUNDINA:**
Pseudischnaspis acephala (Homoptera)
- ASPASIA:**
Vinsonia stellifera (Homoptera)
- ASTER:**
Prodenia eridania (Lepidoptera)
Taeniothrips atratus (Thysanoptera)
Thrips fuscipennis (Thysanoptera)
Thrips nigropilosus (Thysanoptera)
- ASTILBE:**
Brachyrhinus sulcatus (Coleoptera)
- ASTRAGALUS:**
Spintherus leguminum (Hymenoptera)
- AUCUBA:**
Parlatoria camelliae (Homoptera)
- BAMBOO:**
Asterolecanium bambusae (Homoptera)
Dinoderus brevis (Coleoptera)
Heterostrotychus aequalis (Coleoptera)
- BETA:**
Aeoloides griseus (Coleoptera)
Lizus junci (Coleoptera)
Megasternum boletophagum (Coleoptera)
Platynota stultana (Lepidoptera)
Polia oleracea (Lepidoptera)
Pyrausta nubilalis (Lepidoptera)
- BOUGAINVILLEA:**
Haplothrips gowdeyi (Thysanoptera)
Taeniothrips hawaiiensis (Thysanoptera)
- BRACHYCHITON:**
Doratifera oxleyi (Lepidoptera)
- BRASSAVOLA:**
Furcaspis biformis (Homoptera)
Pseudischnaspis alienus (Homoptera)
- BRASSIA:**
Vinsonia stellifera (Homoptera)
- BRASSICA OLERACEA BOTRYTIS:**
Leptophobia aripa (Lepidoptera)
Lygus fraudulentus (Hemiptera)
Mamestra brassicae (Lepidoptera)
- BRASSICA OLERACEA CAPITATA:**
Diabrotica speciosa (Coleoptera)
Eurydema ornatum (Hemiptera)
Evergestis forficatus (Lepidoptera)
Evergestis rimosalis (Lepidoptera)
Helula phidilealis (Lepidoptera)
Mamestra brassicae (Lepidoptera)
- BRASSICA RAPA:**
Helula phidilealis (Lepidoptera)
- BRASSICA SP. (mustard)**
Glyphonyx quadricollis (Coleoptera)
- BROMELIAD:**
Chelymorpha biannularis (Coleoptera)
Epilachna varivestis (Coleoptera)
Lygaeus vittiscutis (Hemiptera)
Monanthia monotropidia (Hemiptera)
Ozophora consanguineus (Hemiptera)
Vinsonia stellifera (Homoptera)
- BROWNEA:**
Dercynus micronyx (Coleoptera)
- BRYOPHYLLUM:**
Coccus viridis (Homoptera)
Haplothrips gowdeyi (Thysanoptera)
- CACTUS:**
Icerya palmeri (Homoptera)
Lepidosaphes philococcus (Homoptera)
Mimoria flavidissimalis (Lepidoptera)
Pseudodiaspis yuccae (Homoptera)
Siszonolus luteiceps (Hemiptera)
- CAESALPINIA:**
Algarobius ceratioborus (Coleoptera)
- CAJANUS:**
Acanthoscelides armitagei (Coleoptera)
Ancylostoma stercora (Lepidoptera)
Callosobruchus chinensis (Coleoptera)
Callosobruchus maculatus (Coleoptera)
Cryptoccephalus nigrocinctus (Coleoptera)
Fundella pellucens (Lepidoptera)
Maruca testulalis (Lepidoptera)
Monomorium destructor (Hymenoptera)
Neodryocetes guianae (Coleoptera)
Sphenarches caffer (Lepidoptera)
Zabrotes subfasciatus (Coleoptera)
- CALLUNA:**
Dalopius marginatus (Coleoptera)
Gelechia ericetella (Lepidoptera)
Micrelus ericae (Coleoptera)
Ulopa reticulata (Homoptera)
- CALOCARPUM:**
Anastrepha serpentina (Diptera)
- CAMELLIA:**
Aleurotrachelus camelliae (Homoptera)

CAMELLIA—Continued

- Aspidiotus degeneratus* (Homoptera)
- Ceroplastes rubens* (Homoptera)
- Coptosoma cribraria* (Hemiptera)
- Parlatoria camelliae* (Homoptera)

CANANGIUM:

- Aonidiella citrina* (Homoptera)

CANAVALLA:

- Haplothrips gowdeyi* (Thysanoptera)
- Lampides boeticus* (Lepidoptera)
- Maruca testulalis* (Lepidoptera)
- Taeniothrips hawaiiensis* (Thysanoptera)

CAPSIUM:

- Arvelius albopunctatus* (Hemiptera)
- Dysdercus mimulus* (Hemiptera)
- Gnorimoschema gudmannella* (Lepidoptera)
- Lineodes triangularis* (Lepidoptera)
- Liriomyza pusilla* (Diptera)
- Platynota rostrana* (Lepidoptera)
- Platynota stultana* (Lepidoptera)

CARICA:

- Ceratitis capitata* (Diptera)
- Dacus dorsalis* (Diptera)

CASSIA:

- Caryedon fuscus* (Coleoptera)

CASTANEA:

- Hemimene juliana* (Lepidoptera)
- Laspeyresia splendana* (Lepidoptera)

CATASETUM:

- Asterolecanium epidendri* (Homoptera)
- Ferrisiana virgata* (Homoptera)

CATTLEYIA:

- Asterolecanium epidendri* (Homoptera)
- Calligrapha elegantula* (Coleoptera)
- Chrysomphalus tenax* (Homoptera)
- Coccus pseudohesperidum* (Homoptera)
- Eurytoma orchidearum* (Hymenoptera)
- Furcaspis biformis* (Homoptera)
- Mordellistena cattleiyana* (Coleoptera)
- Pseudischaspis alienus* (Homoptera)
- Pseudoparlatoria ostreata* (Homoptera)
- Tenthecoris bicolor* (Hemiptera)
- Tenthecoris confusus* (Hemiptera)
- Tenthecoris exitiosus* (Hemiptera)
- Tenthecoris venezuelensis* (Hemiptera)
- Vinsonia stellifera* (Homoptera)

CEDRUS:

- Gastrodes pacificus* (Hemiptera)
- Physorhinus distigma cephalicus* (Coleoptera)

CEIBA:

- Platypus rugulosus* (Coleoptera)

CERATONIA:

- Myelois ceratoniae* (Lepidoptera)
- Myelois notatalis* (Lepidoptera)

CERCIDIUM:

- Phelomerus germaini* (Coleoptera)

CHAENOMELES:

- Ceroplastes japonicus* (Homoptera)
- Ceroplastes rubens* (Homoptera)

CHLOROPHORA:

- Termes hispaniolae* (Isoptera)

CHRYSANthemum:

- Anuraphis helichrysi* (Homoptera)
- Camirus conicus* (Hemiptera)
- Ligyrocoris aurivilliana* (Hemiptera)
- Lozostege similalis* (Lepidoptera)
- Lygus oblineatus* (Hemiptera)
- Prodenia eridania* (Lepidoptera)
- Psila rosae* (Diptera)
- Zabrotes subfasciatus* (Coleoptera)

CHRYSOHYLLUM:

- Anastrepha serpentina* (Diptera)

CICER:

- Callosobruchus analis* (Coleoptera)
- Callosobruchus chinensis* (Coleoptera)
- Callosobruchus maculatus* (Coleoptera)

CICORIUM:

- Phytomyza atricornis* (Diptera)
- Thrips angusticeps* (Thysanoptera)

CIRRHOPEtalum:

- Pinnaspis buzi* (Homoptera)

CISTUS:

- Bruchidius biguttatus fulvipennis* (Coleoptera)

CITRUS AURANTIFOLIA:

- Aleurocanthus woglumi* (Homoptera)
- Anastrepha ludens* (Diptera)
- Aonidiella comperei* (Homoptera)
- Aspidiotus ezcisi* (Homoptera)

CITRUS AURANTIFOLIA—Continued

- Aspidiotus palmarum* (Homoptera)
- Chrysomphalus personatus* (Homoptera)
- Coccus viridis* (Homoptera)
- Leucaspis cockerelli* (Homoptera)
- Morganella longispina* (Homoptera)
- Parlatoria cinerea* (Homoptera)
- Parlatoria citri* (Homoptera)
- Parlatoria zizyphus* (Homoptera)
- Tetraleurodes mori* (Homoptera)

CITRUS AURANTIUM:

- Anastrepha ludens* (Diptera)

CITRUS GRANDIS:

- Parlatoria cinerea* (Homoptera)
- Parlatoria zizyphus* (Homoptera)

CITRUS LIMON:

- Ceratitis capitata* (?) (Diptera)
- Morganella longispina* (Homoptera)
- Parlatoria zizyphus* (Homoptera)
- Pseudomonidia trilobitiformis* (Homoptera)

CITRUS PARADISI:

- Anastrepha fraterculus* (Diptera)
- Anastrepha ludens* (Diptera)
- Anastrepha serpentina* (Diptera)
- Aonidiella citrina* (Homoptera)
- Ceratitis capitata* (Diptera)
- Leucaspis cockerelli* (Homoptera)
- Parlatoria cinerea* (Homoptera)
- Parlatoria zizyphus* (Homoptera)
- Unaspis citri* (Homoptera)

CITRUS RETICULATA:

- Anastrepha ludens* (Diptera)
- Aonidiella inornata* (Homoptera)
- Ceratitis capitata* (Diptera)
- Parlatoria zizyphus* (Homoptera)
- Unaspis citri* (Homoptera)
- Unaspis yanonenensis* (Homoptera)

CITRUS SINENSIS:

- Aleurocanthus woglumi* (Homoptera)
- Anastrepha fraterculus* (Diptera)
- Anastrepha ludens* (Diptera)
- Anastrepha serpentina* (Diptera)
- Anastrepha suspensa* (Diptera)
- Aspidiotus palmarum* (Homoptera)
- Ceratitis capitata* (Diptera)
- Chrysomphalus personatus* (Homoptera)
- Cryptoblabes gnidiella* (Lepidoptera)
- Gymnaendrosoma aurantianum* (Lepidoptera)
- Leucaspis cockerelli* (Homoptera)
- Morganella longispina* (Homoptera)
- Myelois ceratoniae* (Lepidoptera)
- Parlatoria cinerea* (Homoptera)
- Parlatoria zizyphus* (Homoptera)
- Tetraleurodes mori* (Homoptera)
- Unaspis citri* (Homoptera)

CITRUS TANKAN:

- Coccus viridis* (Homoptera)

CITRUS SP.:

- Dialeurodes citri* (Homoptera)
- Tetraleurodes mori* (Homoptera)

COCOS:

- Achatina fulica* (Mollusca)
- Aonidiella inornata* (Homoptera)
- Aspidiotus coryphae* (Homoptera)
- Aspidiotus destructor* (Homoptera)
- Aspidiotus spinosus* (Homoptera)
- Chrysomphalus albopictus* (Homoptera)
- Chrysomphalus personatus* (Homoptera)
- Dacus dorsalis* (Diptera)
- Diocalandra taiensis* (Coleoptera)
- Ereunetis flavistriata* (Lepidoptera)
- Ferrisiana virgata* (Homoptera)
- "*Lepidosaphes*" *esakii* (Homoptera)
- Lepidosaphes tubulorum* (?) (Homoptera)
- Leucaspis cockerelli* (Homoptera)
- Phenacaspis sandwicensis* (?) (Homoptera)
- Pseudococcus palmarum* (Homoptera)
- Sinozylon conigerum* (Coleoptera)

CODIAEUM:

- Ferrisiana virgata* (Homoptera)
- Lepidosaphes tokionis* (Homoptera)
- Parlatoria crotonis* (Homoptera)

COELOGYNE:

- Lepidosaphes tuberculata* (Homoptera)
- Monomorium destructor* (Hymenoptera)

COFFEA:

- Ceratitis capitata* (Diptera)
- Dacus dorsalis* (Diptera)

- COFFEA—Continued
Stephanoderes hampei (Coleoptera)
 COLCHICUM:
Forficula auricularia (Dermaptera)
 COLEUS:
Phenacoccus gossypii (Homoptera)
 CONVULVULUS:
Spermophagus cardui (Coleoptera)
 CORDIA:
Algarobius ceratioborus (Coleoptera)
Aonidiella citrina (Homoptera)
 CORDYLINE:
Callosobruchus chinensis (Coleoptera)
 CORYLUS:
Pyrausta nubilalis (Lepidoptera)
 CORYPHANTHA:
Gerstaeckeria mutillaris (Coleoptera)
 CRASSULA:
"Chionaspis" indigoferae (Homoptera)
 CRATAEGUS:
Ceroplastes ceriferus (Homoptera)
Grapholitha packardii (Lepidoptera)
Rhagoletis pomonella (Diptera)
 CROCUS:
Anuraphis tulipae (Homoptera)
Forficula auricularia (Dermaptera)
 CUCUMIS:
Dacus curcurbitae (Diptera)
Diaphania hyalinata (Lepidoptera)
Diaphania nitidalis (Lepidoptera)
 CUCURBITA:
Dacus cucurbitae (Diptera)
Diaphania hyalinata (Lepidoptera)
Diaphania nitidalis (Lepidoptera)
 CUPRESSUS:
Anomala rufocuprea viridiaenea (Coleoptera)
Aspidiotus pseudomeyeri (Homoptera)
Lepidosaphes pallida (Homoptera)
Ptochoryctes tsugensis (?) (Lepidoptera)
 CYATHEACEAE:
Poecilips persicae (Coleoptera)
 CYBISTAX:
Brentus anchorago (Coleoptera)
 CYCNOCHES:
Tenthetoris distinctus (Hemiptera)
Vinsonia stellifera (Homoptera)
 CYDONIA:
Anastrepha ludens (Diptera)
Ceratitidis capitata (Diptera)
Parlatoria chinensis (Homoptera)
 CYMBIDIUM:
Forficula auricularia (Dermaptera)
Lepidosaphes tuberculata (Homoptera)
Monomorium destructor (Hymenoptera)
Pseudoonidia curculiginis (Homoptera)
 CYMBOPOGON:
"Targionia" sacchari (Homoptera)
 CYNARA:
Apion carduorum (Coleoptera)
Gortyna flavago (Lepidoptera)
 CYPRIPIEDUM:
Coccus capparidis (Homoptera)
 CYTISUS:
Bruchidius lividimanus (Coleoptera)
Sparteus villosus (Coleoptera)
 DAHLIA:
Iridomyrmex humilis (Hymenoptera)
 DANTHONIA:
Chirothrips manicatus (Thysanoptera)
 DAUCUS:
Phalonia zephyrana (Lepidoptera)
Psila rosae (Diptera)
 DENDROBIUM:
Asterolecanium epidendri (Homoptera)
Lepidosaphes tuberculata (Homoptera)
Leucaspis cockerelli (Homoptera)
Monomorium destructor (Hymenoptera)
Morganella longispina (Homoptera)
Pinnaspis buxi (Homoptera)
Xylosandrus morigerus (Coleoptera)
 DERRIS:
Xylopsocus capucinus (Coleoptera)
 DIANTHUS:
Haplothrips cottei (Thysanoptera)
Haplothrips gowdeyi (Thysanoptera)
Iridomyrmex humilis (Hymenoptera)
Pachybrachius luridus (Hemiptera)
Taeniothrips atratus (Thysanoptera)
 DIANTHUS—Continued
Taeniothrips dianthi (Thysanoptera)
Taeniothrips hawaiiensis (Thysanoptera)
Taeniothrips simplex (Thysanoptera)
Thrips flavus (Thysanoptera)
Thrips trehernei (Thysanoptera)
 DIOSCOREA:
Iridomyrmex humilis (Hymenoptera)
"Targionia" hartii (Homoptera)
 DIOSPYROS:
Aspidiotus spinosus (Homoptera)
Ceratitidis capitata (Diptera)
Dacus dorsalis (Diptera)
Lepidosaphes conchiformis (Homoptera)
 DOLICHOS:
Callosobruchus chinensis (Coleoptera)
Callosobruchus phaseoli (Coleoptera)
 ECHINERIA:
Eumysia stigmella (Lepidoptera)
 ELETARIA:
Ferrisiana virgata (Homoptera)
 EPIDENDRUM:
Ferrisiana virgata (Homoptera)
Furcaspis bifomis (Homoptera)
Mordellistena cattleyana (Coleoptera)
Tenthetoris vestitus (Hemiptera)
 ERICA:
Aeolothrips brevicornis (Thysanoptera)
Homothrips distinctus (Thysanoptera)
 ERIOBOTRYA:
Ceratitidis capitata (Diptera)
 ERIOCEPHALUS:
Paroxyna sororcula (Diptera)
 ERYTHRINA:
Specularia impressithorax (Coleoptera)
 EUGENIA:
Protopulvinaria longivalvata (Homoptera)
 FIGUS:
Ceratitidis capitata (Diptera)
Ceroplastes rusci (Homoptera)
Dacus dorsalis (?) (Diptera)
Gynathothrips ficorum (Thysanoptera)
Lepidosaphes ficus (Homoptera)
Pulvinaria psidii (Homoptera)
 FRAGARIA:
Barypeithes araneiformis (Coleoptera)
 FRAXINUS:
Lesperisinus fraxini (Coleoptera)
 GARCINIA:
Dacus dorsalis (Diptera)
 GARDENIA:
Aleuroparadozus gardeniae (Homoptera)
Amorbia emigratella (Lepidoptera)
Chrysomphalus scutiformis (Homoptera)
Coccus viridis (Homoptera)
Dialeurodes citri (Homoptera)
Eucalymnatus tessellatus (Homoptera)
Ferrisiana virgata (Homoptera)
Protopulvinaria longivalvata (Homoptera)
Protopulvinaria pyriformis (Homoptera)
Taeniothrips hawaiiensis (Thysanoptera)
 GLADIOLUS:
Plesiommatia mollicella (Homoptera)
Taeniothrips simplex (Thysanoptera)
 GLOTTIPHYLLUM:
Parlatoria pitiospori (Homoptera)
 GLYCINE:
Callosobruchus chinensis (Coleoptera)
 GOSSYPYUM:
Pectinophora gossypiella (Lepidoptera)
 GUAJACUM:
Neoclytus cacticus (Coleoptera)
 GYPSOPHILA:
Liriomyza pusilla (Diptera)
 HAWORTHIA:
"Chionaspis" exalbida (Homoptera)
Parlatoria pitiospori (Homoptera)
 HEDERA:
Tetraleurodes hederæ (Homoptera)
 HELICONIA:
Dacus dorsalis (Diptera)
 HEURNIA:
Asterolecanium stentæ (Homoptera)
"Chionaspis" indigoferæ (Homoptera)
 HIBISCUS:
Adoretus sinicus (Coleoptera)
Callosobruchus maculatus (Coleoptera)
Crocidosema plebeiana (Lepidoptera)

HIBISCUS—Continued

Monomorium destructor (Hymenoptera)
Parlatoria fluggeae (Homoptera)
Pealius hibisci (Homoptera)
Pectinophora gossypiella (Lepidoptera)
Pseudonidia tessellata (Homoptera)

HORDEUM:

Nysius simulans (Hemiptera)

HYDRANGEA:

Forficula auricularia (Dermaptera)

ILEX:

Lygus elisus (Hemiptera)

IPOMOEA:

Adoretus sinicus (Coleoptera)
Alcidodes dentipes (Coleoptera)
Araecerus viellardi (Coleoptera)
Cylas femoralis (Coleoptera)
Cylas formicarius (Coleoptera)
Cylas formicarius elegantulus (Coleoptera)
Cylas puncticollis (Coleoptera)
Euscepes postfasciatus (Coleoptera)
Graptostethus servus (Hemiptera)
Megacerus contaminatus (Coleoptera)

IRIS:

Anuraphis tulipae (Homoptera)
Forficula auricularia (Dermaptera)
Ripersiella palestinae (Homoptera)

IXORA:

Pseudonidia trilobitiformis (Homoptera)
Vinsonia stellifera (Homoptera)

JASMINUM:

Aonidiella inornata (Homoptera)
Asterolecanium pustulans (Homoptera)
Coccus viridis (Homoptera)
Dialeurodes kirkaldyi (Homoptera)
Trialeurodes vaporariorum (Homoptera)

JUGLANS:

Rhagoletis juglandis (?) (Diptera)

JUNIPERUS:

Cryptoparlatoria leucaspis (Homoptera)
Kaloterms beguerti (Isoptera)
Lepidosaphes pallida (Homoptera)

KERRIA:

Allantus cinctus (Hymenoptera)

LABURNUM:

Sparticus villosus (Coleoptera)

LAELIA:

Aspidiotus spinosus (Homoptera)
Asterolecanium epidendri (Homoptera)
Chrysomphalus nigropunctatus (Homoptera)
Conchaspis angraci (Homoptera)
Diorymerellus laevimargo (Coleoptera)
Ferrisiana virgata (Homoptera)
Glyphonys praecox (Coleoptera)
Icerya similis (Homoptera)
Mordellistena cattleyana (Coleoptera)
Ogdocoeca biannularis (Coleoptera)
Pseudischiaspis alienus (Homoptera)
Puto mexicanus (?) (Homoptera)
Tenthoris angustimarginatus (Hemiptera)
Tenthoris confusus (Hemiptera)

LATHYRUS:

Bruchus affinis (Coleoptera)
Bruchus tristiculus (Coleoptera)
Bruchus tristis (Coleoptera)
Callosobruchus chinensis (Coleoptera)
Callosobruchus maculatus (Coleoptera)
Taeniothrips atratus (Thysanoptera)

LAURUS:

Trialeurodes lauri (Homoptera)

LEERSIA:

Chilo simplex (?) (Lepidoptera)

LENS:

Bruchus ervi (Coleoptera)
Bruchus lentis (Coleoptera)
Bruchus signaticornis (Coleoptera)

LEUCADENDRON:

"Chionaspis" leucadendri (Homoptera)
Pseudococcus trichiliae (Homoptera)

LEUCAENA:

Pantomorus godmani (Coleoptera)

LIBIDIBIA:

Mimosestes dominicanus (Coleoptera)

LILIUM:

Brachyrhinus meridionalis (Coleoptera)
Liothrips vaneeckei (Thysanoptera)
Prodenia eridania (Lepidoptera)
Sitona humeralis (Coleoptera)

LIMONIUM:

Haplothrips gowdeyi (Thysanoptera)

LITOH:

Dacus dorsalis (Diptera)

LONCHOCARPUS:

Dinoderus bifoveolatus (Coleoptera)

LONICERA:

Protopulvinaria pyriformis (Homoptera)

LYCASTE:

Aspidiotus palmarum (Homoptera)
Ferrisiana virgata (Homoptera)

LYCOPERSICON:

Aphanus umbrinus (Hemiptera)
Arvelius albopunctatus (Hemiptera)
Ceratitis capitata (Diptera)
Dacus cucurbitae (Diptera)
Dacus dorsalis (Diptera)
Dysdercus mimulus (Hemiptera)
Eucalandra setulosa (Coleoptera)
Euzestis annona (Diptera)
Eriopochiomeria oblonga (Hemiptera)
Jadera sanguinolenta (Hemiptera)
Ligyrocoris abdominalis (Hemiptera)
Ligyrocoris aurivilliana (Hemiptera)
Lineodes integra (Lepidoptera)
Liriomyza pusilla (Diptera)
Lygaeus vitticollis (Hemiptera)
Myodocha longicollis (Hemiptera)
Neoleucinodes elegantalis (Lepidoptera)
Pachyzancla perisulalis (Lepidoptera)
Platynota rostrana (Lepidoptera)
Platynota stultana (Lepidoptera)
Prodenia eridania (Lepidoptera)
Zabrotes subfasciatus (Coleoptera)

LYCORIS:

Taeniothrips gracilis (Thysanoptera)

MACADAMIA:

Clerada apicornis (Hemiptera)

MAGNOLIA:

Allantus cinctus (Hymenoptera)

MALUS:

Anastrepha ludens (Diptera)
Argyresthia confugella (Lepidoptera)
Argyrotaenia franciscana (?) (Lepidoptera)
Ceratitis capitata (Diptera)
Ceroplastes ceriferus (Homoptera)
Chrysoclista atra (Lepidoptera)
Epidiaspis piricola (Homoptera)
Grapholitha molesta (Lepidoptera)
Parlatoria oleae (Homoptera)
Rhagoletis pomonella (Diptera)

MAMMEA:

Anastrepha ludens (Diptera)
Anastrepha serpentina (Diptera)
Aspidiotus destructor (Homoptera)

MAMMILLARIA:

Ferrisiana virgata (Homoptera)
Gerstaeckeria mutillaria (Coleoptera)
Sixenotus luteiceps (Hemiptera)

MANGIFERA:

Anastrepha fraterculus (Diptera)
Anastrepha ludens (Diptera)
Anastrepha mombrinaeoptans (Diptera)
Ceratitis capitata (Diptera)
Cryptorhynchus mangiferae (Coleoptera)
Dacus dorsalis (Diptera)

MESEMBRYANTHEMUM:

Haplothrips gowdeyi (Thysanoptera)

MESPILUS:

Ceratitis capitata (Diptera)
Parlatoria oleae (Homoptera)

MONSTERA:

Chrysomphalus tenax (Homoptera)
Ferrisiana virgata (Homoptera)

MUSA:

Aonidiella inornata (Homoptera)
Aspidiotus destructor (Homoptera)
Aspidiotus palmarum (Homoptera)
Aspidiotus spinosus (Homoptera)
Chrysomphalus albopictus (Homoptera)
Chrysomphalus scutiformis (Homoptera)
Chrysomphalus umbriferus (Homoptera)
Cosmopolites sordidus (Coleoptera)
Dacus dorsalis (Diptera)
Furcaspis oceanica (Homoptera)
Lygaeus pulchellus (Hemiptera)
Melamasius sericeus (Coleoptera)
Nasutitermes corniger (Isoptera)

MUSA—Continued

Pachycoris torridus (Hemiptera)
Platycarenum humilis (Hemiptera)
Platycarenum notulatus (Hemiptera)
Sibine stimula (Lepidoptera)
Stephanoderes lecontei (Coleoptera)

MUSCARI:

Ezrosoma lusitanica (Coleoptera)

MYRISTICA:

Stephanoderes buscki (Coleoptera)

MYRTUS:

Aleurothrixus myrtacei (?) (Homoptera)

NARCISSUS:

Forficula auricularia (Dermaptera)
Lampetia equestris (Diptera)
Sitona lineata (Coleoptera)

NERIUM:

Asterolecanium pustulans (Homoptera)
Tetraleurodes mori (Homoptera)

OCHROMA:

Mimosestes dominicanus (Coleoptera)

OCHROSIA:

Dacus ochrosiae (?) (Diptera)

ODONTOGLOSSUM:

Furcaspis biformis (Homoptera)
Megapenthes cinnamomus (Coleoptera)
Tenthecoris vestitus (Hemiptera)

OLEA:

Dacus oleae (Diptera)
Parlatoria oleae (Homoptera)
Prays oleellus (?) (Lepidoptera)

ONCIDIUM:

Asterolecanium epidendri (Homoptera)
Chrysomphalus umboniferus (Homoptera)
Furcaspis biformis (Homoptera)
Ligyrocotis abdominalis (Hemiptera)
Neocattarus vegetus (Hemiptera)
Tenthecoris vestitus (Hemiptera)
Vinsonia stellifera (Homoptera)

ONOBRYCHIS:

Eurytoma onobrychidis (Hymenoptera)

OPUNTIA:

Ceratitis capitata (Diptera)
Leucocera quinquepunctata (Coleoptera)

ORCHID:

Acroleucus vicinalis (Hemiptera)
Adelocera longicornis (Coleoptera)
Agonosoma trilineata (Hemiptera)
Aleuroglandulus emmae (Homoptera)
Amphicerus cornutus (Coleoptera)
Anthonomus albolineatus (Coleoptera)
Anthonomus incanus (Coleoptera)
Asterolecanium epidendri (Homoptera)
Attelabus corvinus (Coleoptera)
Calligrapha argus (Coleoptera)
Camirus conicus (Hemiptera)
Chrysomphalus umboniferus (Homoptera)
Cligenes delineata (Hemiptera)
Coelosternus conspurcus (Coleoptera)
Conchaspis angraeci (Homoptera)
Crophius scabrosus (Hemiptera)
Cryphula apicatus (Hemiptera)
Deloyala guttata (Coleoptera)
Diorymerellus laevimargo (Coleoptera)
Eurytoma orchidearum (Hymenoptera)
Eutornus congener (Coleoptera)
Erptochiomera oblonga (Hemiptera)
Erptochiomera tumens (Hemiptera)
Ferrisiana virgata (Homoptera)
Fulvius anthocorides (Hemiptera)
Furcaspis biformis (Homoptera)
Lepidosaphes tuberculata (Homoptera)
Leucocera serripunctata (Coleoptera)
Lygaeus circumlinitus (Hemiptera)
Lygaeus circumplicatus (Hemiptera)
Lygaeus vittiscutis (Hemiptera)
Madarus distigma (Coleoptera)
Mecolaemus carvalhoi (Hemiptera)
Monomorium destructor (Hymenoptera)
Mordellistena cattlejana (Coleoptera)
Mordellistena rufonotata (Coleoptera)
Nasutitermes nigriceps (Isoptera)
Nysius basalis (Hemiptera)
Oedionychis lateralis (Coleoptera)
Oedionychis transversalis (Coleoptera)
Oosternum costatum (Coleoptera)
Orchidophilus peregrinator (Coleoptera)
Parlatoria pseudaspidiotus (Homoptera)

ORCHID—Continued

Phatnoma annulipes (Hemiptera)
Physonota humilis (Coleoptera)
Plagioderes thymaloides (Coleoptera)
Tenthecoris angustimarginatus (Hemiptera)
Tenthecoris bicolor (Hemiptera)
Tenthecoris confusus (Hemiptera)
Tenthecoris distinctus (Hemiptera)
Tenthecoris distinguendus (Hemiptera)
Tenthecoris venezuelensis (Hemiptera)
Trochuda raspa (Lepidoptera)
Valtissus diversus (Hemiptera)
Vinsonia stellifera (Homoptera)
Zale sabena (Lepidoptera)

ORNITHOGALUM:

Haplothrips nigricornis (Thysanoptera)
Taeniothrips simplex (Thysanoptera)
Trionymus lounsburyi (Homoptera)

ORYZA:

Chilo simplex (Lepidoptera)

PAEONIA:

Athous niger (Coleoptera)

PALM:

Aleuroplatus coccoculus (Homoptera)
Aspidiotus destructor (Homoptera)
Parlatoria pitiospori (Homoptera)

PASSIFLORA:

Ceratitis capitata (Diptera)
Iridomyrmex humilis (Hymenoptera)

PASTINACA:

Psila rosae (Diptera)

PENNISETUM:

Targionia sacchari (Homoptera)

PENTZIA:

Trupanea pentziana (Diptera)

PERISTERIA:

Conchaspis angraeci (Homoptera)
Ferrisiana virgata (Homoptera)

PERSEA:

Anastrepha ludens (Diptera)
Caulophilus latinasus (Coleoptera)
Chrysomphalus albopictus (Homoptera)
Chrysomphalus personatus (Homoptera)
Conotrachelus aguacatae (Coleoptera)
Conotrachelus perseae (Coleoptera)
Cryptorhynchus mangiferae (Coleoptera)
Dacus dorsalis (Diptera)
Stenoma catenifer (Lepidoptera)
Thamnomphthorus schwarzii (Coleoptera)

PETROSELINUM:

Systole penicillata (Hymenoptera)

PHALAENOPSIS:

Ferrisiana virgata (Homoptera)
Iridomyrmex humilis (Hymenoptera)

PHASEOLUS:

Callosobruchus analis (Coleoptera)
Callosobruchus chinensis (Coleoptera)
Callosobruchus maculatus (Coleoptera)
Dacus cucurbitae (?) (Diptera)
Epinotia opposita (Lepidoptera)
Fundella pelluscens (Lepidoptera)
Hercothris phaseoli (Thysanoptera)
Maruca testulalis (Lepidoptera)
Zabrotes subfasciatus (Coleoptera)

PHILODENDRON:

Aspidiotus diffinis (Homoptera)
Aspidiotus palmae (Homoptera)
Chrysomphalus albopictus (Homoptera)
Chrysomphalus tenax (Homoptera)
Lepidosaphes carinata (Homoptera)
Pinnaspis buzi (Homoptera)
Pseudicnaspis alienus (Homoptera)

PHLOX:

Agallia quadripunctata (Homoptera)
Thrips flavus (Thysanoptera)

PHOENIX:

Coccotrypes dactyliperda (Coleoptera)
Myelos ceratoniae (Lepidoptera)

PHYSALIS:

Gnorimoschema lavernella (Lepidoptera)
Rhagoletis striatella (Diptera)

PHYTELEPHAS:

Coccotrypes dactyliperda (Coleoptera)

PICEA:

Callidium violaceum (Coleoptera)
Hyturgops palliatus (Coleoptera)
Ips typographus (Coleoptera)
Pityogenes chalcographus (Coleoptera)

PICEA—Continued

Pogonocherus fasciculatus (Coleoptera)

PIMPINELLA:

Pantomorus godmani (Coleoptera)

PINUS:

Acanthocinus aedilis (Coleoptera)
Blastophagus piniperda (Coleoptera)
Callidium violaceum (Coleoptera)
Hylurgops palliatus (Coleoptera)
Ips sexdentatus (Coleoptera)
Ips typographus (Coleoptera)
Kalotermes bequaerti (Isoptera)
Lema melanopa (Coleoptera)
Leucaspis candida (Homoptera)
Pityogenes bidentatus (Coleoptera)
Pityogenes chalcographus (Coleoptera)
"Poliaspis" pini (Homoptera)
Pseudococcus pini (Homoptera)
Ptochoryctes tsugensis (?) (Lepidoptera)

PISTACIA:

Lepidosaphes pistaciae (Homoptera)

PISUM:

Bruchus emarginatus (Coleoptera)
Callosobruchus chinensis (Coleoptera)
Callosobruchus maculatus (Coleoptera)
Laspeyresia nigricana (Lepidoptera)
Neodryocoetes guianae (Coleoptera)

PITTOSPORUM:

Pulvinaria psidii (Homoptera)

PLUMERIA:

Aspidiotus herculeanus (Homoptera)
Asterolecanium pustulans (Homoptera)
Haplothrips gowdeyi (Thysanoptera)
Pseudaonidia clavigera (Homoptera)

POINCIANA:

Stephanoderes lecontei (Coleoptera)

POLIANTHES:

Frankliniella bratleyi (Thysanoptera)

POPULUS:

Dryophthorus corticalis (Coleoptera)

POTULACA:

Celerio lineata (Lepidoptera)
Dicrepidius corvinus (Coleoptera)
Loxostege bifidialis (Lepidoptera)
Loxostege similalis (Lepidoptera)

PRIMULA:

Phragmatobia fuliginosa (Lepidoptera)

PROSOPIS:

Algarobius ceratioborus (Coleoptera)
Algarobius prosopis (Coleoptera)
Rhipibruchus leiboldi (Coleoptera)
Rhipibruchus picturatus (Coleoptera)

PROTEA:

Ananca hottentota (Coleoptera)
Antestia variegata (Hemiptera)
Antestia variegata lineaticollis (Hemiptera)
Homothrips distinctus (Thysanoptera)
Iridomyrmex humilis (Hymenoptera)

PRUNUS ARMENIACA:

Ceratitidis capitata (Diptera)
Nilotaspis halli (Homoptera)
Parlatoria oleae (Homoptera)

PRUNUS DOMESTICA:

Ceratitidis capitata (Diptera)
Chionaspis asiatica (Homoptera)
Epilaspis pircicola (Homoptera)
Iridomyrmex humilis (Hymenoptera)
Megalometis chiliensis (Coleoptera)
Nilotaspis halli (Homoptera)
Parlatoria oleae (Homoptera)

PRUNUS PADUS:

Anthonomus rectirostris (Coleoptera)

PRUNUS PERSICA:

Anastrepha ludens (Diptera)
Ceratitidis capitata (Diptera)
Grapholitha molesta (Lepidoptera)
Nilotaspis halli (Homoptera)
Parlatoria oleae (Homoptera)

PRUNUS PERSICA NECTARINA:

Iridomyrmex humilis (Hymenoptera)
Megalometis chiliensis (Coleoptera)
Nystius simulans (Hemiptera)

PRUNUS MUME (?):

Parlatoria theae (Homoptera)

PRUNUS SP. (cherry):

Leucaspis archangeliskayae (Homoptera)
Mineola indigenella (Lepidoptera)
Rhagoletis cerasi (Diptera)

PSIDIUM:

Anastrepha mombinpraeoptans (Diptera)
Anastrepha suspensa (Diptera)
Ceratitidis capitata (Diptera)
Coccus viridis (Homoptera)
Dacus dorsalis (Diptera)
Tetraneura mori (Homoptera)

PUERARIA:

Callosobruchus ademptus (Coleoptera)

PUNICA:

Anastrepha ludens (Diptera)
Ceratitidis capitata (Diptera)
Chionaspis asiatica (Homoptera)
Cryptoblabes gnidiella (Lepidoptera)
Forficula auricularia (Dermaptera)

PYRUS:

Anastrepha ludens (Diptera)
Ceratitidis capitata (Diptera)
Epilaspis pircicola (Homoptera)
Grapholitha molesta (Lepidoptera)
Lepidosaphes conchiformis (Homoptera)
Leucaspis archangeliskayae (Homoptera)
Monomorium destructor (Hymenoptera)
Parlatoria oleae (Homoptera)
Phyllotreta cruciferae (Coleoptera)

QUERCUS:

Andricus glandium (Hymenoptera)
Callirhytis sonoreae (Hymenoptera)
Conotrachelus integer (Coleoptera)
Curlculio q-griseae (Coleoptera)
Parlatoria oleae (Homoptera)
Scolytus intricatus (Coleoptera)

RAPHANUS:

Baris coerulescens (Coleoptera)
Cyrtopeltis varians (Hemiptera)
Lixus ascanii (Coleoptera)

RENANTHERA:

Vinsonia stellifera (Homoptera)

RHODODENDRON:

Ceroplastes japonicus (Homoptera)
Dalopius marginatus (Coleoptera)
Dialeurodes chittendeni (Homoptera)
Gracilaria azaleella (Lepidoptera)
Pachybrachius turidus (Hemiptera)
Sitona lineata (Coleoptera)
Stephanitis pyrioides (Hemiptera)
Vesiculaphis caricis (Homoptera)

RIBES:

Brachyrhinus sulcatus (Coleoptera)

RORIPPA:

Evergestis rimosalis (Lepidoptera)

ROSA:

Chaetocnema concinna (Coleoptera)
Cryptoccephalus krugii (Coleoptera)
Frankliniella insularis (Thysanoptera)
Lema opulenta (Coleoptera)
Parlatoria theae (Homoptera)
Rhagoletis alternata (Diptera)
Sitona humeralis (Coleoptera)
Taeniothrips atratus (Thysanoptera)
Thrips flavus (Thysanoptera)
Trialetodes vaporariorum (Homoptera)

ROSMARINUS:

Chrysomela americana (Coleoptera)

RUDEBECKIA:

Thrips flavus (Thysanoptera)
Thrips fuscipennis (Thysanoptera)

SABAL:

Coccotrypes dactyliperda (Coleoptera)

SACCHARUM:

Diatraea saccharalis (Lepidoptera)
Rhabdoscelus obscurus (Coleoptera)
Stephanoderes lecontei (Coleoptera)
"Targionia" sacchari (Homoptera)
Tomasaspis postica (Homoptera)

SALIX:

Aglossa cuprealis (Lepidoptera)
Lepidosaphes kuwacola (Homoptera)
Lepidosaphes yanagicola (Homoptera)
Pityophthorus sambuci (Coleoptera)

SAMBUCUS:

Micrapate labialis (Coleoptera)

SAPOTE:

Anastrepha ludens (Diptera)
Anastrepha serpentina (Diptera)

SCHEFFLERA:

Dactylotrypes wyttienboogaarti (Coleoptera)

- SECHIUUM:
Diaphania nitidalis (Lepidoptera)
- SELAGINELLA:
Lema confusa (Coleoptera)
- SERJANIA:
Dimoderus bifoveolatus (Coleoptera)
- SESBANIA:
Acanthoscelides griseolus (Coleoptera)
- SOIL:
Athous haemorrhoidalis (Coleoptera)
Athous subfuscus (Coleoptera)
Athous vittatus (Coleoptera)
Barynotus moerens (Coleoptera)
Bibio johannis (Diptera)
Brachyrhinus sulcatus (Coleoptera)
Cephalocteus scarabaeoides (Hemiptera)
Dalopius marginatus (Coleoptera)
Deraeocoris lutescens (Hemiptera)
Forficula auricularia (Dermaptera)
Gastrophysa viridula (Coleoptera)
Hydrothassa marginella (Coleoptera)
Iridomyrmex humilis (Hymenoptera)
Mecinus pyrastrer (Coleoptera)
Paracardiophorus pauper (Coleoptera)
Saldula saltatoria (Hemiptera)
Scolopostethus affinis (Hemiptera)
Trapezonotus arenarius (Hemiptera)
- SOLANUM ACULEATISSIMUM:
Dacus dorsalis (Diptera)
- SOLANUM MELONGENA:
Heteroderes laurentii (Coleoptera)
Neoleucinodes elegantalis (Lepidoptera)
Pheidole megacephala (Hymenoptera)
Trichobaris mucorea (Coleoptera)
- SOLANUM TUBEROSUM:
Epicaerus cognatus (Coleoptera)
Gnorimoschema plaesiosema (Lepidoptera)
Premnotypes fractirostris (Coleoptera)
Premnotypes solani (Coleoptera)
Premnotypes vorax (Coleoptera)
- SORGHUM:
Diatraea saccharalis (Lepidoptera)
Iridomyrmex humilis (Hymenoptera)
Pyrausta nubilalis (Lepidoptera)
Sesamia cretica (Lepidoptera)
Sesamia vutieria (Lepidoptera)
- SPARTIUM:
Sparticus villosus (Coleoptera)
- SPATHOGLOTTIS:
Ferrisia virgata (Homoptera)
- SPHAGNUM:
Chaetocnema hortensis (Coleoptera)
- SPONDIAS:
Anastrepha mombinpraeoptans (Diptera)
Dacus dorsalis (Diptera)
- STAPELIA:
"Chionaspis" indigoferae (Homoptera)
- STERNBERGIA:
Ripseriella palestinae (Homoptera)
- STRELITZIA:
Adoretus sinicus (Coleoptera)
Ferrisia virgata (Homoptera)
Phenacaspis sanduicensis (Homoptera)
- SYRINGA:
Dialeurodes kirkaldyi (Homoptera)
- SYZYGIIUM:
Pulvinaria psidii (Homoptera)
- TAGETES:
Haplothrips gowdeyi (Thysanoptera)
- TAMARINDUS:
Caryedon fuscus (Coleoptera)
Chrysomphalus scutiformis (Homoptera)
- TERMINALIA:
Dacus dorsalis (Diptera)
- TETRAGONIA:
Piezodorus purus (Hemiptera)
- TILIA:
Ernopus tiliae (Coleoptera)
Iridomyrmex humilis (Hymenoptera)
Ozycarenum lavaterae (Hemiptera)
- TILLANDSIA:
Quichuana calathea (Diptera)
Tychius inermis (Coleoptera)
- TRIPTERIS:
Ensisia hyalipennis (Diptera)
Ensisia ignobilis (Diptera)
- TRITICUM:
Aglossa cuprealis (Lepidoptera)
- TULIPA:
Anuraphis tulipae (Homoptera)
Forficula auricularia (Dermaptera)
Rhopalosiphoninus tulipaeillus (Homoptera)
- ULMUS:
Lygus oblineatus (Hemiptera)
Pteleobius vittatus (Coleoptera)
- VANDA:
Athesapeuta cyperi (Coleoptera)
Eutreta zanthochaeta (Diptera)
Heteroglymma alata (Coleoptera)
Leucaspis cockerelli (Homoptera)
Monomorium destructor (Hymenoptera)
Parlatoria pseudaspidotus (Homoptera)
Taeniothrips gracilis (Thysanoptera)
Thrips hawaiiensis (Thysanoptera)
- VANILLA:
Protopulvinaria pyriformis (Homoptera)
- VICIA:
Aoromius quinquepunctatus (Coleoptera)
Apion pomonea (Coleoptera)
Bruchidius incarnatus (Coleoptera)
Bruchidius quinqueguttatus (Coleoptera)
Bruchus affinis (Coleoptera)
Bruchus atomarius (Coleoptera)
Bruchus dentipes (Coleoptera)
Bruchus ervi (Coleoptera)
Bruchus guttalis (Coleoptera)
Bruchus hamatus (Coleoptera)
Bruchus luteicornis (Coleoptera)
Bruchus rufipes (Coleoptera)
Bruchus tristiculus (Coleoptera)
Bruchus tristis (Coleoptera)
Bruchus ulicis (Coleoptera)
Callosobruchus chinensis (Coleoptera)
- VIGNA:
Acanthoscelides obreptus (Coleoptera)
Callosobruchus chinensis (Coleoptera)
Callosobruchus maculatus (Coleoptera)
- VITIS:
Anastrepha fraterculus (?) (Diptera)
Aphanus saturnius (Hemiptera)
Ceratilis capitata (Diptera)
Cryptoblabes gnidiella (Lepidoptera)
Iridomyrmex humilis (Hymenoptera)
Leptoglossus chilensis (Hemiptera)
Phlyctinus callosus (Coleoptera)
Polycaon chiliensis (Coleoptera)
Polychrosia botrana (Lepidoptera)
Pulvinaria innumerabilis (Homoptera)
Sitona humeralis (Coleoptera)
Targionia vitis (Homoptera)
- WEIGELA:
Allantus cinctus (Hymenoptera)
- ZANTEDESCHIA(?):
Ceroplastes rubens (Homoptera)
- ZEAL:
Celerio lineata (Lepidoptera)
Diatraea saccharalis (Lepidoptera)
Euxesta stigmatias (Diptera)
Lygus oblineatus (Hemiptera)
Moodna bisinuella (Lepidoptera)
Prostephanus truncatus (Coleoptera)
Pyrausta nubilalis (Lepidoptera)
- ZINGIBER:
Amorbia emigratella (Lepidoptera)
Dacus dorsalis (Diptera)
- ZINNIA:
Diaprepes famelicus (Coleoptera)
Prodenia ornithogalli (Lepidoptera)

Hosts unknown

- AIRPLANE:
Adoretus sinicus (Coleoptera)
Aeolus pulchellus (Coleoptera)
Aracercus vieillardi (Coleoptera)
Chaetoclesia bakeri (Diptera)
Dacus dorsalis (Diptera)
Diaprepes abbreviatus (Coleoptera)
Jadera sanguinolenta (Hemiptera)
Malacorhinus tripunctatus (Coleoptera)
Melanozanthus melanocephalus (Coleoptera)
Nysius dallasi (Hemiptera)
Tomoplagia obliqua (Diptera)
Zabrotes subfasciatus (Coleoptera)

BAGGAGE:

Adoretus sinicus (Coleoptera)
Forficula auricularia (Dermaptera)

BARK:

Hyurgops palliatus (Coleoptera)
Ips typographus (Coleoptera)
Pityogenes chalcographus (Coleoptera)
Pityophthorus sambuci (Coleoptera)

BEAN:

Bruchus tristis (Coleoptera)
Callosobruchus chinensis (Coleoptera)
Callosobruchus maculatus (Coleoptera)
Zabrotes subfasciatus (Coleoptera)

CLOTH:

Forficula auricularia (Dermaptera)

COTYLEDON:

"*Chionaspis*" *indigoferae* (Homoptera)

EXCELSIOR:

Forficula auricularia (Dermaptera)

FLOWER:

Amorbia emigratella (Lepidoptera)
Pantomorus godmani (Coleoptera)
Sizeonotus luteiceps (Hemiptera)
Taeniothrips hawaiiensis (Thysanoptera)

GRAIN:

Bruchus affinis (Coleoptera)
Callosobruchus chinensis (Coleoptera)

GRAMINEAE:

Targionia sacchari (Homoptera)

"GRAMME":

Callosobruchus chinensis (Coleoptera)

GRASS & WEED ROOT IN SOIL:

Brachyrhinus singularis (Coleoptera)

HAY:

Nymphalis urticae (Lepidoptera)

HERB:

Diaphania hyalinata (Lepidoptera)
Iridomyrmex humilis (Hymenoptera)
Trialeurodes vaporariorum (Homoptera)

LEAF:

Iridomyrmex humilis (Hymenoptera)
Tetraleurodes mori (Homoptera)
Trioza anceps (Homoptera)

LEGUME:

Acanthoscelides spinipes (Coleoptera)
Bruchus rufipes (Coleoptera)
Bruchus tristis (Coleoptera)
Callosobruchus chinensis (Coleoptera)
Callosobruchus maculatus (Coleoptera)
Sinoryzlon sexdentatum (Coleoptera)

LOG:

Coelosternus consputus (Coleoptera)
Draeculacephala clypeata (Homoptera)
Nasutitermes corniger (Isoptera)
Physorhinus distigma (Coleoptera)
Platypus rugulosus (Coleoptera)
Xyleborus affinis (Coleoptera)

PACKING:

Fulvius albomaculatus (Hemiptera)

PARCEL POST:

Oxydema longulum (Coleoptera)

PLANT:

Artipus floridanus (Coleoptera)
Aspidiotus destructor (Homoptera)
Aspidiotus excisus (Homoptera)
Coccus viridis (Homoptera)
Forficula auricularia (Dermaptera)
Pachyzancla bipunctalis (Lepidoptera)
Sizeonotus luteiceps (Hemiptera)

RAILWAY CAR:

Pectinophora gossypiella (Lepidoptera)

RETURNED WAR EQUIPMENT:

Achatina fulica (Mollusca)

SEED:

Callosobruchus chinensis (Coleoptera)
Coccotrypes pygmaeus (Coleoptera)

SEED POD:

Ferrissiana virgata (Homoptera)
Stephanoderes lecontei (Coleoptera)

SHRUB:

"*Chionaspis*" *indigoferae* (Homoptera)

SOD:

Ctenicera aeneus (Coleoptera)

SUCCULENT:

"*Chionaspis*" *exaltida* (Homoptera)

UNKNOWN:

Myllocerus hilleri (Coleoptera)

VEGETABLES:

Lygus oblineatus (Hemiptera)

VINE:

Exillis longicornis (Coleoptera)

WOOD:

Acanthocinus aedilis (Coleoptera)
Amphicerus cornutus (Coleoptera)
Blastophagus piniperda (Coleoptera)
Callidium violaceum (Coleoptera)
Cryptotermes brevis (Isoptera)
Dinoderus brevis (Coleoptera)
Dysides obscurus (Coleoptera)
Forficula auricularia (Dermaptera)
Heterobostrychus aequalis (Coleoptera)
Ips sexdentatus (Coleoptera)
Micrapate labialis (Coleoptera)
Nasutitermes corniger (Isoptera)
Nasutitermes luzonicus (Isoptera)
Orthotomicus laricus (Coleoptera)
Pityogenes chalcographus (Coleoptera)
Renocis mexicanus (Coleoptera)
Sinoryzlon anale (Coleoptera)
Sinoryzlon conigerum (Coleoptera)
Sinoryzlon sexdentatum (Coleoptera)
Xylotrips flavipes (Coleoptera)

WOODS MOSS:

Acalypta parva (Hemiptera)
Acalypta parvula (Hemiptera)
Agallia quadripunctata (Homoptera)
Agallioptis novella (Homoptera)
Cassida nebulosa (Coleoptera)
Catoplatys fabricii (Hemiptera)
Conchaspis angraei (Homoptera)
Dalopius marginatus (Coleoptera)
Drynus sylbaticus (Hemiptera)
Hypera nigrirostris (Coleoptera)
Newsteadia floccosa (Homoptera)
Platythrips tunicatus (Thysanoptera)
Strophosoma melanogramma (Coleoptera)
Trapezonotus arenarius (Hemiptera)

Countries of origin and insects

AFGHANISTAN:

Chionaspis asiatica
Leucaspis archangeliskya
Parlatoria oleae

ALGERIA:

Ceratitidis capitata
Lepidosaphes ficus
Parlatoria zizyphus
Psila rosae
Sinoryzlon sexdentatum

AMERICAN SAMOA:

Rhabdoscelus obscurus

AMERICAN VIRGIN ISLANDS:

Cylas formicarius elegantulus
Euscepes postfasciatus
Pectinophora gossypiella
"Targionia" *hartii*

ARGENTINA:

Algarobius ceratioborus
Anastrepha fraterculus (?)
Ceratitidis capitata
Diaphania nitidalis
Diatraea saccharalis
Grapholitha molesta
Lygus fraudulentus
Phelomerus germaini
Pseudaonidia trilobitiformis
Rhipibruchus leiboldi
Rhipibruchus picturatus

Unaspis citri
Zabrotes subfasciatus

AUSTRALIA:

Aonidiella citrina
Aracercus vieillardii
Doratifera oleyi
Lepidosaphes tuberculata
Parlatoria zizyphus
Pinnaspis buxi
Xylosandrus morigerus

AUSTRIA:

Anthonomus rectirostris
Rhagoletis alternata (?)
Sparteus villosus

AZORES:

Aglossa cuprealis
Brachyrhinus sulcatus
Ceratitis capitata
Dacus oleae
Iridomyrmex humilis
Pantomorus godmani

BAHAMAS:

Ancylostoma stercorea
Artipus floridanus
Asterolecanium pustulans
Coccus viridis
Ferrisia virgata
Lepidosaphes tokionis
Monomorium destructor

BARBADOS:

Callosobruchus maculatus
"Targionia" hartii

BATAVIA:

Parlatoria pseudaspidiotus

BELGIUM:

Anuraphis tulipae
Bruchus luteicornis
Ctenicera aeneus
Dalopius marginatus
Lepidosaphes tuberculata
Phytomyza atricornis
Pityogenes chalcographus
Psila rosae

BERMUDA:

Anastrepha mombinpraeoptans
Anuraphis tulipae
Diaprepes famelicus
Kaloterms bequaerti
Prodenia eridania
Protopulvinaria pyriformis
Pulvinaria psidii

BINTAN ISLAND:

Ferrisia virgata

BRAZIL:

Acanthoscelides armitagei
Aleurothrixus myrtacei (?)
Anastrepha fraterculus
Asterolecanium epidendri
Ceratitis capitata
Chrysomphalus personatus
Coccotrypes pygmaeus
Diabrotica speciosa
Diaphania nitidalis
Dinoderus bifoveolatus
Dysides obscurus
Epinotia opposita
Eurytoma orchidearum
Euscepes postfasciatus
Furcaspis biformis
Gymnandrosoma aurantianum
Maruca testualis
Mecolaeus carvalhoi
Mordellistena cattlejana
Morganella longispina
Neoleucinodes elegantalis
Pachyzancla periusalis
Parlatoria cinerea
Pectinophora gossypiella
Pseudoaonidia trilobitiformis
Stenoma catenifer
Stephanoderes hampei
Tenthecoris bicolor
Unaspis citri

BRITISH COLUMBIA:

Dialeurodes chittendeni
Thrips trehernei

BRITISH GUIANA:

Asterolecanium bambusae
Callosobruchus chinensis
Furcaspis biformis
Neodryocetes guianae

BRITISH HONDURAS:

Myelois notatalis

BRITISH WEST INDIES:

Callosobruchus chinensis
Lepidosaphes tokionis
Parlatoria cinerea
Stenoma catenifer
Stephanoderes busck
Targionia hartii

CANADA:

Agallia quadripunctata
Agalliptis novella
Gastrodes pacificus
Lygus elisus
Lygus oblineatus
Pyrausta nubilalis

CANAL ZONE:

Acanthoscelides armitagei
Agonosoma trilineata
Aspidiotus destructor
Asterolecanium epidendri
Callosobruchus maculatus
Chrysomphalus umboniferus
Conchaspis angraei
Ferrisia virgata
Furcaspis biformis
Mimosestes dominicanus
Neocattarus vegetus
Physorhinus distigma cephalicus
Protopulvinaria longivalvata
Protopulvinaria pyriformis
Pseudoaonidia trilobitiformis
Pseudischnaspis acephala
Tenthecoris distinctus
Vinsonia stellifera

CAPE OF GOOD HOPE:

Taeniothrips simplex

CAPE VERDE ISLANDS:

Ceratitis capitata

CEYLON:

Heterobostrychus aequalis
Sinocylon conigerum
Xylothrips flavipes

CHILE:

Algarobius ceratioborus
Anastrepha fraterculus (?)
Dinoderus bifoveolatus
Epidiaspis piricola
Iridomyrmex humilis
Leptoglossus chilensis
Megalometis chiliensis
Nysius simulans
Polycaon chiliensis

CHINA:

Aspidiotus degeneratus
Callosobruchus chinensis
Chilo simplex
Coccus viridis
Coptosoma cribraria
Dialeurodes citri
Dialeurodes kirkaldyi
Lepidosaphes tuberculata
Liothrips vaneeckei
Parlatoria camelliae
Parlatoria zizyphi
Taeniothrips gracilis
"Targionia" hartii
Xylopsocus capucinus

COLOMBIA:

Aspidiotus diffinis
Clerada apicornis
Diaphania nitidalis
Eurytoma orchidearum
Euscepes postfasciatus
Furcaspis biformis
Mimosestes dominicanus
Monomorium destructor
Mordellistena cattlejana
Stenoma catenifer
Tenthecoris exilisus
Termes hispaniolae

COSTA RICA:

Anastrepha ludens
Anastrepha mombinpraeoptans
Aspidiotus destructor
Aspidiotus palmae
Asterolecanium epidendri
Calligrapha elegantula
Chrysomphalus albopictus
Chrysomphalus nigropunctatus
Chrysomphalus personatus
Chrysomphalus scutiformis
Chrysomphalus umboniferus
Conotrachelus perseae
Draeculacephala clypeata
Ferrisia virgata
Furcaspis biformis

COSTA RICA—Continued

Lygaeus viltiscutis
Metamasius sericeus
Nasutitermes corniger
Ozophora consanguineus
Parlatoria cinerea
Physorhynchus distigma
Pinnaspis buzi
Platycaenus humilis
Platypus rugulosus
Pseudoschnaspis alienus
Pseudoparlatoria ostreata
Sibine stimulea
Tenthecoris distinguendus
Xyleborus affinis

CUBA:

Aleurotrachelus trachoides
Anastrepha mombinpraeoptans
Anastrepha suspensa
Aspidiotus destructor
Coccus viridis
Conchaspis angraci
Crociosema plebeiana
Cylas formicarius elegantulus
Diaphania hyalinata
Diaphania nitidalis
Hellula phidilealis
Hercotirrips phaseoli
Heteroderes laurentii
Leucocera sexpunctatus
Maruca testulalis
Pheidole megacephala
Platynota rostrana
Protopulvinaria pyramiformis
Psila rosae
Pulvinaria psidii
Ribua innoxia
Taeniothrips simplex
"Targionia" bromiliae
Zabrotes subfasciatus

CYPRUS:

Ceratitis capitata

CZECHOSLOVAKIA:

Aspidiotus abietis
Hylurgops palliatus
Ips typographus

DENMARK:

Chaetocnema hortensis
Gelechia ericetella
Lema melanopa
Psila rosae
Thrips flavus
Thrips fuscipennis

DOMINICAN REPUBLIC:

Anastrepha fraterculus
Anastrepha mombinpraeoptans
Ancylostoma stercorea
Cryptoccephalus krugii
Cylas formicarius elegantulus
Diaphania nitidalis
Frankliniella insularis
Maruca testulalis

ECUADOR:

Metamasius sericeus
Premnotrypes vorax
Stenomoma calenifer

EGYPT:

Bruchidius incarnatus
Callosobruchus maculatus
Ceratitis capitata
Cryptoblabes gnidiella
Haplothrips cottei
Lixus junci
Pectinophora gossypiella

ENGLAND:

Anuraphis helichrysi
Anuraphis tulipae
Athous haemorrhoidalis
Barynotus moerens
Dalopius marginatus
Euleia heraclei
Evergestis forficatus
Forficula auricularia
Gastrophysa viridula
Laspeyresia splendana
Leperisinus frazzini
Lepidosaphes tuberculata
Megasternum boletophagum

ENGLAND—Continued

Newsteadia floccosa
Phragmalobia fuliginosa
Platythrips tunicatus
Polia oleracea
Psila rosae
Pteleobius vittatus
Scolopostethus affinis
Scolytus intricatus
Thrips flavus
Thrips nigropilosus
Trialeurodes vaporariorum
Zabrotes subfasciatus

EUROPE:

Haplothrips cottei

FIJI ISLANDS:

Cylas formicarius var.
Euscapes postfasciatus

FINLAND:

Callidium violaceum
Pityogenes chalcographus

FORMOSA:

Parlatoria cinerea
Parlatoria zizyphus

FRANCE:

Acalypta parva
Acalypta parvula
Acrolepis assectella
Anuraphis tulipae
Aoromius quinquepunctatus
Apion carduorum
Apion pomonae
Athous subfuscus
Athous vittatus
Baris ocerulescens
Bibio johannis
Brachyrhinus meridionalis
Bruchus affinis
Bruchus guttalis
Bruchus luteicornis
Bruchus rufipes
Catoplatys fabricii
Ceratitis capitata
Dactyloctenium aegyptium
Deraeocoris lutescens
Epidiaspis piriola
Ernaporus tibiae
Grapholitha molesta
Iridomyrmex humilis
Laspeyresia splendana
Lixus ascanii
Mamestra brassicae
Myzus ascalonicus
Newsteadia floccosa
Phyllotreta cruciferae
Polychrosia botrana
Psila rosae
Pulvinaria innumerabilis
Pyrausta nubilalis
Rhagoletis cerasi
Sesamia cretica
Tetraleurodes hederarum
Thrips angusticeps
Trapezonotus arenarius

GERMANY:

Blastophagus piniperda
Callidium violaceum
Cassida nebulosa
Chaetocnema concinna
Hylurgops palliatus
Hypera nigristris
Ips typographus
Laspeyresia splendana
Leucospis candida
Pityogenes bidentatus
Pityogenes chalcographus
Rhagoletis cerasi
Strophosoma melanogramma
Thrips flavus
Trapezonotus arenarius

GREECE:

Aspidiotus spinosus
Callosobruchus maculatus
Ceratitis capitata
Cryptoblabes gnidiella
Haplothrips cottei
Parlatoria oleae

GUAM:

Achatina fulica
Dacus ochrosiae (?)
Ferrisia virgata
"Lepidosaphes" *esakii*
Lepidosaphes tubulorum (?)
Targionia sacchari

GUATEMALA:

Acanthoscelides armitagei
Anastrepha ludens
Anastrepha mombinpraeoptans
Anastrepha serpentina
Aspidiotus destructor
Chrysomphalus albopictus
Chrysomphalus tenax
Cligenes delineata
Coccus pseudohesperidum
Conotrachelus perseae
Euxesta stigmatias
Ferrisia virgata
Furcaspis biformis
Ligyrocoris abdominalis
Lygaeus vittiscutis
Megapenthes cinnamomus
Pachycoris torridus
Pseudischnaspis alienus
Stenoma catenifer
Stephanoderes lecontei
Taeniothrips simplex
Tenthoris vestitus
Zabrotes subfasciatus

HAITI:

Anastrepha mombinpraeoptans
Frankliniella insularis
Leucocera quinquepunctata
Monomorium destructor
Pectinophora gossypiella

HAWAII:

Adoretus sinicus
Algarobius prosopis
Amorbia emigratella
Aonidiella inornata
Araecerus vicillardi
Aspidiotus herculeanus
Aspidiotus spinosus
Asterolecanium pustulans
Athesapeuta cyperi
Callosobruchus chinensis
Callosobruchus phaseoli
Caryedon fuscus
Ceratitis capitata
Ceroplastes rubens
Clerada apicornis
Coccus vitidis
Cryptorhynchus mangiferae
Cryptotermes brevis
Cylas formicarius var.
Dacus cucurbitae
Dacus dorsalis
Dialeurodes kirkaldyi
Diocalandra taitensis
Ereunetis flavistriata
Eucalymnatus tessellatus
Euscapes postfasciatus
Eutreta zanthochaeta
Ferrisia virgata
Furcaspis biformis
Graptostethus servus
Haplothrips gowdeyi
Lampides boeticus
Lepidosaphes tokionis
Leucaspis cockerelli
Maruca testulalis
Nysius dallasi
Orchidophilus peregrinator
Oxydema longulum
Pantomorus godmani
Parlatoria crotonis
Parlatoria fluggeneae
Parlatoria pseudaspidotus
Pealtus hibisci
Pectinophora gossypiella
Phenacaspis sandwicensis
Pinnaspis buzi
Poecilips persicae
Pseudoaemidia clavigera
Pseudoaemidia tessarata
Pseudococcus palmarum

HAWAII—Continued

Sinozylon conigerum
Taeniothrips hawaiiensis
"Targionia" *bromiliae*
Thrips hawaiiensis

HONDURAS:

Anastrepha ludens
Anastrepha mombinpraeoptans
Aspidiotus destructor
Brentus anchorago
Conotrachelus perseae
Cosmopolites sordidus
Cryptotermes brevis
Lygaeus vittiscutis
Metamasius sericeus
Mordellistena catleyana
Nasutitermes corniger
Prodenia eridania
Pseudischnaspis alienus
Stenoma catenifer
Tenthoris confusus
Zabrotes subfasciatus

HUNGARY:

Ips typographus
Pityogenes chalcographus
Pyrausta nubilalis

INDIA:

Amphicerus cornutus
Bruchus affinis
Bruchus emarginatus
Callosobruchus analis
Callosobruchus chinensis
Callosobruchus maculatus
Callosobruchus phaseoli
Caryedon fuscus
Coccotrypes dectyliperda
Coccus capparidis
Cryptorhynchus mangiferae
Cylas formicarius
Cylas formicarius var.
Dacus dorsalis
Dinoderus brevis
Eutornus congener
Heterobostrychus aequalis
Lepidosaphes tuberculata
Monomorium destructor
Parlatoria pseudaspidotus
Pectinophora gossypiella
Pinnaspis buzi
Sinozylon anale
Sinozylon conigerum
Systole geniculata
Taeniothrips gracilis
Zabrotes subfasciatus

IRAQ:

Cylas formicarius var.
Myelois ceratoniae

IRELAND:

Barypeithes araneiformis
Drymus sylvaticus
Forficula auricularia
Hydrothassa marginella
Mamestra brassicae
Mecinus pyrastrer
Psila rosae
Saldula saltatoria

ISRAEL:

Nilotaspis halli

ITALY:

Acanthoscelides spinipes
Acrolepis assectella
Aphanus saturnius
Apion carduorum
Brachycerus albidentatus
Brachycerus alpinus
Bruchus ervi
Bruchus lentis
Bruchus luteicornis
Bruchus signaticornis
Bruchus tristis
Bruchus tristis
Callosobruchus chinensis
Callosobruchus maculatus
Ceratitis capitata
Ceroplastes rusci
Chrysomela americana
Cryptoblabes gmdrella

ITALY—Continued

Dacus oleae
Dryophthorus corticalis
Epidiaspis piriicola
Eurydema ornatum
Evergestis forficatus
Forficula auricularia
Grapholitha molesta
Hemimene juliana
Iridomyrmex humilis
Laspeyresia splendana
Lepidosaphes ficus
Myelois ceratoniae
Orycaenus lavaterae
Parlatoria oleae
Parlatoria zizyphus
Pectinophora gossypiella
Phalonia zephyrana
Polychrosia botrana
Psila rosae
Pyrausta nubilalis
Rhagoletis cerasi
Sesamia cretica
Sitona humeralis
Sparticus villosus
Targionia vitis
Trialeurodes lauri

JAMAICA:

Anastrepha mombinpraeoptans
Aspidiotus destructor
Asterolecanium epidendri
Callosobruchus chinensis
Callosobruchus maculatus
Callosobruchus phaseoli
Genopaschia protomis
Leucaspis cockerelli
Pachyzancla periualis
Pectinophora gossypiella
"Targionia" sacchari
Vinsonia stellifera

JAPAN:

Aleurotrachelus camelliae
Anomala rufocuprea viridiaenea
Aspidiotus pseudomeyeri
Callosobruchus ademptus
Callosobruchus chinensis
Ceroplastes ceriferus
Ceroplastes japonicus
Ceroplastes rubens
Chilo simplex
Cryptoparlatoria leucaspis
Gracilaria azaleella
Lepidosaphes conchiformis
Lepidosaphes kuwacola
Lepidosaphes pallida
Lepidosaphes yanagicola
Mineola indigenella
Myllocerus hilleri
Paracardiorhynchus pauper
Parlatoria camelliae
Parlatoria chinensis
Parlatoria pseudaspidiotus
Parlatoria theae
Parlatoria zizyphus
"Poliaspis" pini
Pseudococcus pini
Ptochoryctis tsugensis (?)
Stephanitis pyroides
Unaspis yamamotoi
Vesiculaphis caricis

KENYA:

Specularius impressithorax

KOREA:

Pseudococcus pini

LEBANON:

Bruchidius incarnatus
Bruchus dentipes
Bruchus ervi
Ceratitidis capitata
Cryptoblabes gnidiella
Dacus oleae
Monomorium destructor
Prays oleellus (?)

MADEIRA ISLANDS:

Bruchus guttalis
Ceratitidis capitata
Cryptoblabes gnidiella
Forficula auricularia

MADEIRA ISLANDS—Continued

Iridomyrmex humilis

MEXICO:

Acanthoscelides griseolus
Acanthoscelides obrepus
Acroleucus vicinialis
Acrosticta mexicana
Adelocera longicornis
Aleurocanthus woglumi
Aleuroglandulus emmae
Aleuroparadozus gardeniae
Aleuroplatus coccolus
Algarobius prosopis
Alpheias conspirata
Amorbia emigratella
Amphicerus cornutus
Anastrepha fraterculus
Anastrepha ludens
Anastrepha mombinpraeoptans
Anastrepha serpentina
Anthonomus albolineatus
Anthonomus incanus
Aonidiella citrina
Aphanus umbrosus
Argyrotaenia franciscana (?)
Arvelius albopunctatus
Aspidiotus destructor
Aspidiotus diffinis
Aspidiotus palmarum
Aspidiotus spinosus
Asterolecanium bambusae
Asterolecanium epidendri
Attelabus corvinus
Calligrapha argus
Callirhytis sonoreae
Callosobruchus maculatus
Camirus conicus
Caulophilus latinasus
Celerio lineata
Chalcodermus dentiferus
Chelymophora biannularis
Chrysomphalus albopictus
Chrysomphalus nigropunctatus
Chrysomphalus personatus
Chrysomphalus scutiformis
Chrysomphalus umbriferus
Coclosternus conspuratus
Conchaspis angraeci
Conotrachelus aguacatae
Conotrachelus integer
Conotrachelus perseae
Crophilus scabrosus
Cryphula apicatus
Curculio g-griseae
Cylas formicarius elegantulus
Cyrtopeltis varians
Deloia guttata
Dendrobiella sericans
Dialeurodes citri
Diaphania hyalinata
Diaphania nitidalis
Diatraea saccharalis
Dicrepidius corvinus
Diorymerellus laevimargo
Dysdercus mimulus
Epicaerus cognatus
Epilachna varietatis
Epinotia opposita
Eucalandra setulosa
Eucalymnatus tessellatus
Eumysia stigmella
Euxesta annonae
Evergestis rimosalis
Exptochiomeria oblonga
Exptochiomeria tumens
Ferrisiana virgata
Fulvius anthocorides
Gerstaeckeria mutillaria
Glyphonox praecox
Glyphonox quadricollis
Gnorimoschema gudmannella
Gnorimoschema lavernella
Grapholitha molesta
Grapholitha packardii
Gynaikothrips ficorum
Horistonotus dilaticornis
Horistonotus rufiventris
Hypolithus pectoralis

MEXICO—Continued

Icerya palmeri
Jadera sanguinolenta
Lema confusa
Lema opulenta
Lepidosaphes carinata
Lepidosaphes philococcus
Lepidosaphes tokionis
Leptophobia aripa
Liggyrocotis abdominalis
Liggyrocotis aurivilliana
Liggyrocotis litigiosus
Lineodes integra
Liriomyza pusilla
Lorostege bifidialis
Lorostege similalis
Lygaeus circumlinitus
Lygaeus circumplacatus
Lygaeus consanguinitus
Lygaeus pulchellus
Lygaeus vittiscutis
Lygus oblineatus
Madarus distigma
Malacorhinus tripunctatus
Megacerus contaminatus
Micrapate labialis
Mimorista flavidissimalis
Monantha monotropidia
Moodna bisinuella
Mordellistena catlegana
Mordellistena rufonotata
Mydocha longicollis
Neoleucinodes elegantalis
Nystus basalis
Oedionychis lateralis
Oedionychis transversalis
Ogdoecosta biannularis
Oosternum costatum
Parlatoria cinerea
Parlatoria pittospori
Pectinophora gossypiella
Phatnoma annulipes
Phenacoccus gossypii
Physonota humilis
Physorhinus distigma
Pityophthorus sambuci
Plagiodera thymaloidea
Platycarenum notulatus
Platynota rostrana
Platynota stultana
Platypus rugulosus
Plesiommatia mollicella
Prodenia eridania
Prodenia ornithogalli
Prostephanus truncatus
Pseudischinaspis alienus
Pseudodiaspis yuccae
Puto mexicanus (?)
Quichuana calathea
Renocis mexicanus
Rhagoletis juglandis (?)
Rhagoletis pomonella
Rhagoletis striatella
Rhinoncus pyrrhopus
Sisamnes contractus
Sizeonotus tuteiceps
Stenoma catenifer
Stephanoderes lecontei
Systole geniculata
Taeniothrips simplex
Talponia batesi
Tanymecus confusus
"Targionia" bromiliae
Tenthecoris angustimarginatus
Tenthecoris confusus
Tenthecoris distinctus
Tetraleurodes mori
Tetrapriocera longicornis
Thamnophthorus schwarzi
Tomaspsis postica
Tomoplagia obliqua
Trialeurodes vaporariorum
Trichobaris mucorea
Trioxa anceps
Trochuda raspa
Tychius inermis
Unaspis citri
Valtissus diversus

MEXICO—Continued

Xylometra torquata
Zabrotes subfasciatus
Zale sabena
MOROCCO:
Cephalocteus scarabaeoides
Ceratitidis capitata
Exosoma lusitanica
Sesamia vutera
MOZAMBIQUE:
Cylas puncticollis
NETHERLANDS:
Acanthocinus aeditis
Acrolepia assectella
Allantus cinctus
Anuraphis tulipae
Athous niger
Blastophagus piniperda
Brachyrhinus sulcatus
Bruchus tristis
Evergester forficatus
Forficula auricularia
Gracilaria azaleella
Ips sexdentatus
Ips typographus
Lampetia equestris
Lepidosaphes tuberculata
Mamestra brassicae
Nymphalis urticae
Orthotomicus laticis
Pachybrachius luridus
Pityogenes bidentatus
Pityogenes chalcographus
Psila rosae
Rhopalosiphoninus tulipae
Sitona lineata
Taeniothrips simplex
Zabrotes subfasciatus
NETHERLANDS GUIANA:
Furcaspis biformis
Gnorimoschema gudmannella
Maruca testulalis
NETHERLANDS WEST INDIES:
Anastrepha serpentina (?)
NEW ZEALAND:
Morganella longispina
Taeniothrips simplex
NICARAGUA:
Aspidiotus palmarum
Aspidiotus spinosus
Chaetochus bakeri
Neoclytus cacticus
Platypus ruulosus
Stenoma catenifer
NIGERIA:
Callosobruchus maculatus
Leucaspis cockerelli
NORWAY:
Anuraphis helichrysi
Argyresthia conjugella
Callidium violaceum
Callosobruchus maculatus
Mamestra brassicae
Psila rosae
Thrips flavus
PAKISTAN:
Pectinophora gossypiella
PALESTINE:
Ceratitidis capitata
Ceroplastes rusci
Frankliniella bratleyi
Lepidosaphes ficus
Rhipsiella palestinae
PANAMA:
Acanthoscelides armitagei
Anastrepha mombinpraeoptans
Anastrepha serpentina
Ancylostoma stercora
Coccotrypes dactyliperda
Coccus viridis
Hellula phidilealis
Leucaspis cockerelli
Parlatoria cinerea
Stenoma anonella
Stenoma catenifer
Unaspis citri
PERU:
Anastrepha fraterculus (?)

PERU—Continued

Epinotia opposita
Gnorimoschema plaesiosema
Premnotypes fractirostris
Premnotypes solarii
Stenoma catenifer
Taeniothrips simplex

PHILIPPINES:

Achatina fulica
Aonidiella citrina
Aonidiella inornata
Aspidiotus coryphae
Aspidiotus excisus
Callosobruchus chinensis
Ezillis longicornis
Ferrisiana virgata
Heteroglymma alata
Iridomyrmex humilis
Lepidosaphes tokionis
Monomorium destructor
Morganella longispina
Nasutitermes luzonicus
Parlatoria pseudaspidotus
Parlatoria zizyphus
Pectinophora gossypiella
Pseudaonidia curculiginis
Pseudococcus palmarum
Pulvinaria psidii

POLAND:

Blastophagus piniperda

PORTUGAL:

Aglossa cuprealis
Apion pomonae
Bruchus guttalis
Ceratitis capitata
Dacus oleae
Haplothrips cotei
Iridomyrmex humilis
Laspeyresia nigricana
Laspeyresia splendana
Psila rosae
Rhagoletis cerasi
Sesamia vutaria
Zabrotes subfasciatus

PRETORIA:

Chirothrips manicatus
Parozyna sororcula
Piezodorus purus
Trupanea pentziana

PUERTO RICO:

Anastrepha mombinpraeoptans
Anastrepha suspensa
Ancylostomia stercora
Aspidiotus destructor
Asterolecanium pustulans
Callosobruchus chinensis
Coccus viridis
Crocosema plebeiana
Cryptocephalus nigrocinctus
Cylas formicarius elegantulus
Diaphania hyalinata
Diaphania nitidalis
Diatraea saccharalis
Euscepes postfasciatus
Fundella pelluscens
Haplothrips gowdeyi
Lineodes triangularis
Maruca testulalis
Monomorium destructor
Pachyzancla bipunctalis
Pectinophora gossypiella
Sphenarches caffer
Stenoma catenifer
"Targionia" sachari
Zabrotes subfasciatus

ST. KITTS:

"Targionia" hartii

SAIPAN:

Achatina fulica

SALVADOR:

Aeolus pulchellus
Atgarobius ceratioborus
Anastrepha fraterculus
Anastrepha mombinpraeoptans
Icerya similis
Leucaspis cockerelli
Mimosastes dominicanus
Stenoma anonella

SALVADOR—Continued

Stenoma catenifer

SCOTLAND:

Anuraphis helichrysi
Brachyrhinus singularis
Dalopius marginatus
Forficula auricularia
Micrelus ericae
Taeniothrips atratus
Ulopa reticulata

SIAM:

Cylas formicarius var.
Ferrisiana virgata
Furcaspis biformis
Parlatoria pseudaspidotus

SIERRA LEONE:

Acidodes dentipes
Cylas femoralis
Cylas puncticollis

SOUTH PACIFIC:

Aonidiella inornata
Melanoxanthus melanocephalus

SOUTHWEST AFRICA:

"Chionaspis" exalbida

SPAIN:

Apion pomonae
Callosobruchus maculatus
Ceratitis capitata
Laspeyresia splendana
Lixus juncei
Parlatoria zizyphus
Rhagoletis cerasi (?)

STRAITS SETTLEMENTS:

Aspidiotus excisus
Dacus cucurbitae
Furcaspis biformis
Morganella longispina
Parlatoria citri
Parlatoria pseudaspidotus
Parlatoria zizyphus
Vinsonia stellifera

SWEDEN:

Callidium violaceum
Chrysoclista atra
Hylurgops palliatus
Ips typographus
Pityogenes chalcographus
Pogonocherus fuscicollatus
Psila rosae
Rhagoletis alternata
Taeniothrips atratus

SWITZERLAND:

Bruchus affinis
Bruchus luteicornis
Laspeyresia splendana
Taeniothrips atratus
Thrips fuscipennis

SYRIA:

Bruchus ervi
Ceratitis capitata (?)
Dialeurodes kirkaldyi
Lepidosaphes pistaciae

TINTIAN ISLAND:

Achatina fulica

TRANSVAAL:

Asterolecanium stentae
"Chionaspis" exalbida

TRINIDAD:

Anastrepha fraterculus
Anastrepha mombinpraeoptans
Anastrepha serpentina
Ancylostomia stercora
Aonidiella comperei
Asterolecanium epidendri
Callosobruchus maculatus
Coccotrypes carpophagus
Coccotrypes dactyliperda
Coccus viridis
Dercynus micronyz
Diaphania nitidalis
Eurytoma orchidearum
Euscepes postfasciatus
Furcaspis biformis
Hellula phidolealis
Leucaspis cockerelli
Monomorium destructor
Parlatoria cinerea
Pulvinaria psidii

Countries of origin and insects—Continued

TRINIDAD—Continued

Targionia sacchari
Unaspis citri
Vinsonia stellifera

TRUK:

Aonidiella inornata
Furcaspis oceanica

TUNISIA:

Coccotrypes dactyliperda
Gortyna flavago

TURKEY:

Andricus glandium
Bruchidius biguttatus fulvipennis
Bruchidius quinqueguttatus
Bruchus atomarius
Bruchus ervi
Bruchus hamatus
Bruchus lentis
Bruchus rufipes
Bruchus tristictulus
Bruchus tristis
Bruchus ulicis
Callosobruchus maculatus
Coccotrypes dactyliperda
Cryptoblabes gnidiella
Eurytoma onobrychidis
Nilotaspis halli
Spermophagus cardui
Spintherus leguminum

UNION OF SOUTH AFRICA:

Aeoloides grisescens
Aeolothrips brevicornis
Ananca hottentota
Antestia variegata
Antestia variegata lineaticollis
Ceratitis capitata
"Chionaspis" *humilis*
"Chionaspis" *indigoferae*
"Chionaspis" *leucadendri*
Ensina hyalipennis
Ensina ignobilis
Haplothrips nigricornis
Homothrips distinctus
Iridomyrmex humilis
Parlatoria pultospori
Phlyctinus callosus
Pseudococcus trichilae
Trionymus lounsburyi

UNKNOWN:

Bruchus guttalis
Callosobruchus maculatus

UNKNOWN—Continued

Ceratitis capitata
Dacus oleae
Diaprepes abbreviatus
Haplothrips cottei
Listroderes aequivocus
Nasutitermes nigriceps
Rhagoletis cerasi
Rhagoletis pomonella
Taeniothrips dianthi

URUGUAY:

Ceratitis capitata
Nysius simulans
Parlatoria cinerea

VENEZUELA:

Acanthoscelides armitagei
Anastrepha serpentina
Asterolecanium epidendri
Callosobruchus maculatus
Coccus viridis
Conchaspis angraei
Diaphania nitidalis
Eurytoma orchidearum
Fulvius albomaculatus
Furcaspis biformis
Leucaspis cockerelli
Maruca testulalis
Mordellistena catleyana
Prodenia eridania
Protopulvinaria longivalvata
Pseudischaspis alienus
Stenoma catenifer
Taeniothrips simplex
Tenthetocoris venezuelensis
Vinsonia stellifera
Zabrotes subfasciatus

VIRGIN ISLANDS:

Cylas formicarius elegantulus
Euseceps postfasciatus
Pectinophora gossypiella

WALES:

Psila rosae

WEST AFRICA:

Alcidodes dentipes
Cylas femoralis
Cylas puncticollis

WEST INDIES:

"*Targionia*" *hartii*

YUGOSLAVIA:

Laspeyresia splendana

List of pests (diseases) collected and reported from July 1, 1948, to June 30, 1949, inclusive
[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Acroboles ciliatus</i> von Linstow:					
<i>Aster novae-angliae</i>	Germany.....			1	New York.
(New England aster)					
Soil around azalea plants.....	Netherlands.....			1	Alabama.
<i>Alternaria citri</i> Ell. & Pierce:					
<i>Citrus sinensis</i> (orange).....	Argentina, Cyprus, Union of South Africa.		3		New York, Pennsyl- vania.
<i>Alternaria dianthi</i> F. L. Stevens & J. G. Hall:					
<i>Dianthus</i> sp. (carnation).....	Australia, Brazil.	1		2	California*, New York.
<i>Alternaria gypsophilae</i> Neerg.:					
<i>Gypsophila paniculata</i> (babysbreath)	Brazil.....	1			New York.
<i>Alternaria porri</i> (Ell.) Cif.:					
<i>Allium cepa</i> (onion).....	Mexico.....	3			Texas.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	1			Do.
<i>Anguina tritici</i> (Steinbuch) Filip.:					
<i>Triticum aestivum</i> (wheat).....	Afghanistan, Iran, Iraq, Turkey.			9	District of Columbia.
<i>Aphanomyces raphani</i> Kendr.:					
<i>Raphanus sativus</i> (radish).....	Mexico.....	6			Texas.
<i>Aphelenchus aderholdi</i> Schwartz:					
<i>Convallaria majalis</i>	Denmark, Germany.	1		2	New York.
(lily-of-the-valley)					
<i>Aphelenchus avenae</i> Bastian:					
<i>Aster novae-angliae</i>	Germany.....			1	Do.
(New England aster):					
<i>Ascochyta haworthiae</i> Trinch.:					
<i>Haworthia</i> sp.....	Union of South Africa.			2	California.*
<i>Ascochyta lycopersici</i> Brun.:					
<i>Physalis ixocarpa</i> (tomatillo).....	Mexico.....	3			Texas.
<i>Physalis</i> sp. (husk tomato).....	do.....	1			Do.
<i>Ascochyta pisi</i> Lib.:					
<i>Pisum sativum</i> (pea).....	England.....	3	3		New York, Texas.
	Mexico, Netherlands, Portugal.				
<i>Botryosphaeria ribis</i> (Fr.) Gross. & Dugg.:					
<i>Cocos nucifera</i> (coconut).....	Guam.....			1	California.*
<i>Psidium guajava</i> (guava).....	Puerto Rico.....	1			New York.
<i>Botrytis elliptica</i> (Berk.) Cke.:					
<i>Allium sativum</i> (garlic).....	Peru.....		1		California.*
<i>Lilium auratum</i> (goldband lily).....	Japan.....			5	Do.
<i>Lilium japonicum</i> (Japanese lily).....	do.....			4	Do.
<i>Lilium rubellum</i> (rubellum lily).....	do.....			5	Do.
<i>Lilium speciosum</i> (speciosum lily).....	do.....			2	Do.
<i>Lilium speciosum rubrum</i>	do.....			1	Do.
(pink speciosum lily)					
<i>Lilium tigrinum</i> (tiger lily).....	do.....			1	Do.
<i>Lilium</i> sp.....	China, Japan.	2		4	California*, Massachu- setts, Wash- ington.
<i>Botrytis galanthina</i> (Berk. & Br.) Sacc.:					
<i>Galanthus</i> sp. (snowdrop).....	Netherlands.....			43	California*, Michigan, New Jersey, New York, Pennsyl- vania.
<i>Botrytis gladiolorum</i> Timmermans:					
<i>Gladiolus</i> sp.....	England, Netherlands.			8	New Jersey, New York.
<i>Tritonia</i> sp.....	Netherlands.....			1	New York.
<i>Botrytis tulipae</i> (Lib.) Lind:					
<i>Tulipa</i> sp. (tulip).....	do.....			2	California*, Oregon.
<i>Camellia</i> yellow-spot virus:					
<i>Camellia</i> sp.....	France.....			1	California.*
<i>Cancrosis</i> "B":					
<i>Citrus limon</i> (lemon).....	Argentina.....		6		Maryland, New York, Pennsyl- vania.

List of pests (diseases) collected and reported from July 1, 1948, to June 30, 1949, inclusive
—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Cercospora angrei</i> Roum.: <i>Odonoglossum</i> sp. (orchid).....	Belgium.....	-----	-----	1	New Jersey.
<i>Cercospora canescens</i> Ell. & G. Martin: <i>Phaseolus lunatus macrocarpus</i> (lima bean).....	Puerto Rico.....	1	-----	-----	New York.
<i>Cercospora circumscissa</i> Sacc.: <i>Prunus</i> sp. (cherry).....	Italy.....	-----	1	-----	Do.
<i>Cercospora fourcroyae</i> Obregon-Botero(?): <i>Agave</i> sp.....	Venezuela.....	-----	-----	1	New Jersey.
<i>Cercospora handelii</i> Bub.: <i>Rhododendron</i> sp.....	Belgium.....	-----	-----	1	Do.
<i>Cercospora malayensis</i> F. L. Stevens & Solh.: <i>Hibiscus cannabinus</i> (kenaf hibiscus)	Cuba.....	-----	-----	1	Florida.
<i>Cercospora musae</i> Zimm.: <i>Musa paradisiaca</i> (plantain).....	Mexico.....	1	-----	-----	Texas.
<i>Musa paradisiaca sapientum</i> (banana)	Canal Zone, Colombia, Costa Rica, Guatemala, Honduras, Mexico, Nicaragua, Panama, Puerto Rico, Salvador.	-----	-----	94	California*, Louisiana, Maryland, New York, Texas.
<i>Cercospora neriella</i> Sacc.: <i>Nerium oleander</i> (oleander).....	Bermuda.....	2	-----	-----	New York.
<i>Cercospora rosicola</i> Pass.: <i>Rosa</i> sp.....	Guatemala, Mexico.	2	-----	1	Louisiana, Texas.
<i>Cerebella andropogonis</i> Ces.: <i>Sorghum vulgare</i> (sorghum).....	Liberia.....	-----	-----	1	District of Columbia.
<i>Chaetomium indicum</i> Cda.: <i>Cymbidium</i> sp. (orchid).....	India.....	-----	-----	1	California.*
<i>Claviceps microcephala</i> (Wallr.) Tul.: <i>Agrostis</i> sp.....	England (?).....	-----	-----	1	Ohio.
<i>Claviceps paspali</i> F. L. Stevens & J. G. Hall: <i>Paspalum</i> sp.....	Turkey.....	-----	-----	1	District of Columbia.
<i>Claviceps purpurea</i> (Fr.) Tul.: <i>Agropyron</i> sp.....	do.....	-----	-----	1	Do.
<i>Festuca elatior</i> (meadow fescue).....	New Zealand.....	-----	-----	1	Do.
<i>Coleosporium campanulae</i> (Pers.) Lev.: <i>Campanula persicifolia</i> (peachleaf bellflower).....	Netherlands.....	-----	-----	1	New Jersey.
<i>Coleosporium domingense</i> (Berk.) Arth.: <i>Plumeria</i> sp.....	Venezuela.....	-----	-----	1	Pennsylvania.
<i>Coleosporium senecionis</i> (Pers.) Fr.: <i>Pinus sylvestris</i> (Scotch pine).....	Denmark.....	-----	-----	2	New Jersey
<i>Pinus</i> sp. (pine).....	do.....	-----	-----	1	Do.
<i>Colletotrichum agaves</i> Cav.: <i>Agave</i> sp.....	Mexico.....	-----	-----	2	Texas.
<i>Colletotrichum cajani</i> Rangel: <i>Cajanus cajan</i> (pigeonpea).....	Puerto Rico.....	6	-----	-----	New York.
<i>Colletotrichum graminicolum</i> (Ces.) G. W. Wils.: <i>Bracharia subquadrifaria</i>	Philippines.....	1	-----	-----	Oregon.
<i>Colletotrichum lagenarium</i> (Pass.) Ell. & Halst.: <i>Citrullus vulgaris</i> (watermelon).....	Brazil.....	-----	1	-----	Louisiana.
<i>Colletotrichum lili</i> Plakidas: <i>Iris</i> sp.....	Japan.....	-----	-----	1	California.*
<i>Liliaceous</i> leaf.....	Guatemala.....	-----	-----	1	District of Columbia.
<i>Lilium auratum</i> (goldband lily).....	Japan.....	-----	-----	6	California.*
<i>Lilium japonicum</i> (Japanese lily).....	do.....	-----	-----	3	Do.
<i>Lilium rubellum</i> (rubellum lily).....	do.....	-----	-----	3	Do.
<i>Lilium speciosum</i> (speciosum lily).....	do.....	-----	-----	2	Do.
<i>Lilium speciosum punctatum</i> (pinkspot speciosum lily).....	do.....	-----	-----	1	Washington.
<i>Lilium speciosum rubrum</i> (pink speciosum lily).....	do.....	-----	-----	4	California.*
<i>Lilium tigrinum</i> (tiger lily).....	do.....	-----	-----	2	Do.

List of pests (diseases) collected and reported from July 1, 1948, to June 30, 1949, inclusive
—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Collectotrichum lilii</i> —Continued <i>Lilium</i> sp.-----	Canada, China, India.	4		9	California*, Washington
<i>Collectotrichum omnivorum</i> Halst.: <i>Aspidistra</i> sp.-----	Belgium-----			2	New Jersey.
<i>Collectotrichum phomoides</i> (Sacc.) Chester: <i>Physalis izocarpa</i> (tomatillo)-----	Mexico-----	1			Texas.
<i>Collectotrichum pisi</i> Pat.: <i>Pisum sativum</i> (pea)-----	Peru, Mexico.	6	2		Do.
<i>Coniothyrium hellebori</i> Cke. & Mass.: <i>Helleborus niger</i> (Christmas-rose)-----	Netherlands-----			4	New Jersey.
<i>Coniothyrium olivaceum</i> Bon.: <i>Rhododendron</i> sp.-----	England-----			1	Washington.
<i>Coniothyrium rhododendri</i> P. Henn.: <i>Rhododendron</i> sp.-----	Netherlands-----			1	Do.
<i>Coryneum beijerinckii</i> Oud.: <i>Prunus persica</i> (peach)-----	Belgium, Germany.		2		New York.
<i>Coryneum rhododendri</i> Schw.: <i>Rhododendron</i> sp.-----	Netherlands-----			1	Washington.
<i>Cumminsia sanguinea</i> (Pk.) Arth.: <i>Mahonia aquifolium</i> ----- (Oregon hollygrape)	France-----	1			New York.
<i>Mahonia</i> sp.-----	Guatemala-----	1			District of Columbia.
<i>Curvularia lunata</i> (Wakk.) Boed.: <i>Allium cepa</i> (onion)-----	Mexico, Sweden.	1	1		Louisiana, Texas.
<i>Capsicum frutescens</i> (pepper)-----	Cuba-----		1		Pennsylvania.
<i>Cytospora ambiens</i> Sacc.: <i>Salix</i> sp. (willow)-----	England-----	1			New York.
<i>Cytospora ceratophora</i> Sacc.: <i>Castanea</i> sp. (chestnut)-----	Italy-----	1			California.*
<i>Cytospora chrysosperma</i> Pers. ex Fr.: <i>Hura crepitans</i> (sandboxtree)-----	Brazil-----	1			New York.
<i>Salix</i> sp. (willow)-----	Sweden-----		1		Pennsylvania.
<i>Cytospora dahliae</i> Peyl: <i>Dahlia</i> sp.-----	France-----			1	California.*
<i>Cytospora punica</i> Sacc.: <i>Punica granatum</i> (pomegranate)-----	Mexico-----	1			Texas.
<i>Diaporthe citri</i> Wolf: <i>Citrus sinensis</i> (orange)-----	Brazil-----		2		California.*
<i>Citrus</i> sp.-----	Aitutaki Island.		1		Hawaii.
<i>Diplocarpon rosae</i> Wolf: <i>Rosa</i> sp.-----	Mexico, Trini- dad.	2	1		Puerto Rico, Texas.
<i>Diplodia paraphysaria</i> Sacc.: <i>Laelia</i> sp. (orchid)-----	Mexico-----			1	Texas.
<i>Oncidium cavendishianum</i> (orchid)-----	do-----			1	Do.
<i>Oncidium</i> sp.-----	do-----			1	Do.
<i>Vanda</i> sp. (orchid)-----	India-----			1	Washington.
<i>Diplodia taxi</i> (Sow. ex Fr.) De N.: <i>Taxus cuspidata</i> (Japanese yew)-----	Japan-----			1	Do.
<i>Diplodia theobromae</i> (Pat.) Nowell: <i>Lecythis zabucajo</i> (monkeypot tree)-----	Jamaica-----			1	California.*
<i>Manihot</i> sp.-----	Honduras-----			1	Do.
<i>Musa paradisiaca</i> (plantain)-----	Cuba-----	1			New York.
<i>Nymphaea</i> sp. (waterlily)-----	do-----	1			Do.
<i>Palm</i> nut-----	British Guiana-----	1			Do.
<i>Philodendron lacerum</i> -----	Guatemala-----			1	California.*
<i>Diplodina eurhododendri</i> Voss: <i>Rhododendron</i> sp.-----	Norway-----			1	New York.
<i>Diplodina grossulariae</i> Sacc. & Briand: <i>Ribes</i> sp.-----	Denmark, Germany.			2	New Jersey, New York.
<i>Ditylenchus destructor</i> Thorne (?): <i>Arachis</i> sp.-----	Uruguay-----			1	District of Columbia.
<i>Ditylenchus dipsaci</i> (Kuhn) Filip.: <i>Allium sativum</i> (garlic)-----	Mexico-----	25			Texas.
<i>Narcissus</i> sp.-----	Netherlands-----			1	Michigan.
<i>Ditylenchus</i> sp. (undescribed): <i>Colchicum speciosum</i> -----	do-----			1	New Jersey.
<i>Iris histrioides major</i> -----	do-----			1	Do.

List of pests (diseases) collected and reported from July 1, 1948, to June 30, 1949, inclusive
—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Ditylenchus</i> sp.—Continued					
<i>Iris sindjarenis</i> (Aleppo iris).....	do.....			2	New Jersey.
<i>Iris</i> sp.....	do.....			1	Do.
<i>Elsinoe australis</i> Bitanc. & Jenkins:					
<i>Citrus aurantifolia</i> (sour lime).....	Brazil.....		2		California,*
					Massa- chusetts.
<i>Citrus limon</i> (lemon).....	Argentina,.....	1	21		Alabama, Cal- ifornia*,
	Brazil.....				Louisiana, Maryland, New York, Pennsyl- vania, Texas.
<i>Citrus reticulata</i> (tangerine).....	Argentina.....		1		New York.
<i>Citrus sinensis</i> (orange).....	Argentina,.....		22		Alabama,
	Brazil,.....				California*,
	Uruguay.....				Florida*, Maryland, Massachu- setts, New York, Penn- sylvania, Texas, Virginia.
<i>Elsinoe phaseoli</i> Jenkins:					
<i>Phaseolus lunatus macrocarpus</i>	Cuba, Puerto. Rico.....	7			New York.
<i>Elsinoe piri</i> Jenkins:					
<i>Malus sylvestris</i> (apple).....	Poland.....	1			Do.
<i>Eutypella bambusina</i> Penz. & Sacc.:					
Bamboo.....	Guatemala.....	1		1	District of Columbia, New York.
<i>Exobasidium vaccinii</i> (Fckl.) Woron.:					
<i>Rhododendron</i> sp.....	Hawaii.....			1	California.*
<i>Fusarium oxysporum</i> Schlecht.:					
<i>Crocus</i> sp.....	Netherlands.....			1	New York.
<i>Iris</i> var. <i>Imperator</i>	do.....			1	Washington.
<i>Fusarium oxysporum</i> Schlecht. f. <i>gladioli</i> (Massey) Snyd. & Hansen:					
<i>Gladiolus</i> sp.....	Canada, Ger- many, Neth- erlands.....			9	Florida, New York.
<i>Fusarium oxysporum</i> Schlecht. f. <i>narcissii</i> Snyd. & Hansen:					
<i>Narcissus</i> sp.....	Netherlands.....			15	California*, Michigan, Minnesota, New York, Pennsyl- vania.
<i>Fusicladium pyracanthae</i> (Otth.) Rostr.:					
<i>Pyracantha coccinea</i> lalandi.....	do.....			1	New Jersey.
<i>Fusicoccum galericulatum</i> Sacc.:					
<i>Fagus</i> sp.....	Belgium.....			1	Do.
<i>Gliomastix convoluta</i> (Harz) Mason:					
<i>Eleocharis dulcis</i> (waternut).....	China.....	2			California.*
<i>Lilium speciosum punctatum</i>	Japan.....			1	Do.
<i>Narcissus</i> sp.....	Netherlands.....			1	Do.
<i>Solanum tuberosum</i> (potato).....	England.....		2		Do.
	France.....				
<i>Zingiber officinale</i> (ginger).....	China.....	13			Do.
<i>Gliomastix penicilloides</i> Cda.:					
<i>Brassica napobrassica</i> (rutabaga).....	Australia.....		1		Pennsylvania.
<i>Gloeosporium affine</i> Sacc.:					
<i>Hoya</i> sp.....	do.....			1	Washington.
<i>Gloeosporium affine</i> Sacc. (?):					
<i>Vanda</i> sp. (orchid).....	India.....			1	Do.
<i>Gloeosporium beyrodtii</i> Klitzing:					
<i>Vanda</i> sp.....	do.....	1		1	Hawaii, Washington.
<i>Gloeosporium catechu</i> Syd.:					
Palm.....	Guam.....			1	California.*

List of pests (diseases) collected and reported from July 1, 1948, to June 30, 1949, inclusive
—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Gloeosporium orchidearum</i> Karst.: Orchid.....	British West Indies.....	-----	-----	1	Massachu- setts.
<i>Gloeosporium piperatum</i> Ell. & Ev.: <i>Capiscum frutescens</i> (pepper).....	Cuba.....	-----	1	-----	New York.
<i>Gloeosporium rhododendri</i> Briosi & Cav.: <i>Rhododendron</i> sp.....	England.....	-----	-----	4	Washington.
<i>Gymnosporangium haraeaeum</i> Syd.: <i>Cupressus</i> sp. (cypress).....	Japan.....	-----	-----	2	Do.
<i>Juniperus</i> sp. (?).....	do.....	-----	-----	1	Do.
<i>Helminthosporium avenae</i> Eidam: <i>Avena</i> sp.....	England.....	1	-----	-----	California.*
<i>Helminthosporium carposaprum</i> Pollack: <i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	2	-----	-----	Texas.
<i>Helminthosporium oryzae</i> Breda de Haan: <i>Oryza sativa</i> (rice).....	Canal Zone, Hawaii, Japan, Mexico.	2	-----	2	Arizona, District of Columbia, Louisiana, New York.
<i>Heterodera goettingiana</i> Liebscher: <i>Camellia</i> sp.....	Azores.....	-----	-----	1	New Jersey.
Soil around strawberry roots.....	Denmark.....	-----	-----	1	District of Columbia.
<i>Heterodera punctata</i> Thorne: Soil with Orchid.....	England.....	-----	-----	1	New Jersey.
<i>Heterodera rostochiensis</i> Wr.: Soil with <i>Cyclamen</i> sp.....	Germany.....	-----	-----	1	Alabama.
Soil with <i>Juniperus</i> sp.....	England.....	-----	-----	1	New York.
Soil with nursery stock.....	do.....	-----	-----	1	Do.
Soil with perennial plants.....	do.....	-----	-----	1	New Jersey.
Soil with <i>Primula</i> sp.....	do.....	-----	-----	1	Do.
Soil with shamrocks.....	Ireland.....	1	-----	-----	New York.
Soil with plants.....	England, Ger- many.	-----	-----	5	New Jersey, New York.
<i>Heterosporium allii</i> Ell. & G. Martin: <i>Allium sativum</i> (garlic).....	Mexico.....	1	-----	-----	Texas.
<i>Heterosporium ornithogali</i> (Klotzsch) Cke.: <i>Ornithogalum thyrsoides</i>	Union of South Africa.	1	-----	-----	New York.
<i>Hormodendron cladosporioides</i> (Fres.) Sacc.: <i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1	-----	1	Texas.
<i>Phaseolus vulgaris</i> (kidney bean).....	Egypt.....	-----	1	-----	Pennsylvania.
<i>Isariopsis griseola</i> Sacc.: <i>Phaseolus vulgaris</i> var. (string bean)	Puerto Rico....	2	-----	-----	New York.
<i>Karschia lignyota</i> (Fr.) Sacc.: <i>Magnolia</i> sp.....	Netherlands....	-----	-----	1	Washington.
<i>Lachnum virgineum</i> (Batsch ex Fr.) Karst.: <i>Rhododendron molle</i>	do.....	-----	-----	1	New Jersey.
<i>Laestadia ruozii</i> (Mont.) Sacc.: <i>Erica</i> sp. (?).....	Union of South Africa.	1	-----	-----	Do.
<i>Leptosphaeria berberidis</i> Rick: <i>Berberis</i> sp.....	Germany.....	-----	-----	1	New York.
<i>Leptosphaeria heterospora</i> (De N.) Niessl: <i>Iris</i> sp.....	Netherlands....	-----	-----	1	New Jersey.
<i>Leptosphaeria musarum</i> Sacc. & Berl.: <i>Musa paradisica sapientum</i> (banana)	Colombia, Guatemala.	2	-----	-----	Maryland.
<i>Leptosphaeria opuntiae</i> Dodge: <i>Echinocactus texensis</i> (cactus).....	Mexico.....	-----	-----	1	New Jersey.
<i>Leptosphaeria rusci</i> (Wallr.) Sacc.: <i>Ruscus</i> sp.....	Italy.....	3	-----	-----	Pennsylvania.
<i>Leptothyrium berberidis</i> Cke. & Mass.: <i>Berberis</i> sp.....	Germany.....	-----	-----	1	New York.
<i>Leptothyrium pomi</i> (Mont. & Fr.) Sacc.: <i>Citrus reticulata</i> (tangerine).....	China.....	1	-----	-----	Hawaii.
<i>Malus sylvestris</i> (apple).....	France.....	-----	1	-----	New York.
<i>Lophodermium juniperinum</i> (Fr.) De N.: <i>Juniperus</i> sp.....	Japan.....	-----	-----	1	Washington.
<i>Lophodermium ozyococi</i> (Fr.) Karst.: <i>Vaccinium ovatum</i> (box blueberry).....	British Colum- bia.	1	-----	-----	New York.

List of pests (diseases) collected and reported from July 1, 1948, to June 30, 1949, inclusive
—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Macrophoma musae</i> (Cke.) Berl. & Vogl.: <i>Musa paradisica sapientum</i> (banana)	India, Pakis- tan, Phil- ippines.	2	7	-----	California*, Hawaii, New York.
<i>Musa</i> sp.....	Philippines	2	-----	-----	Hawaii.
<i>Marsonina populi</i> (Lib.) Magn.: <i>Populus tremula</i> (European aspen) ..	Germany	1	-----	-----	Pennsylvania.
<i>Melanospora zamiae</i> Cda.: <i>Eleocharis dulcis</i> (waternut).....	China	1	-----	-----	California.*
<i>Pueraria thunbergiana</i> (kudzu-bean)	do.	1	-----	-----	Do.
<i>Zingiber officinale</i> (ginger).....	do.	3	-----	-----	Do.
<i>Memnoniella echinata</i> (Rivolta) L. O. Gall.: <i>Catleya mossiae</i> (orchid).....	Costa Rica	-----	-----	1	Texas.
<i>Colocasia esculenta</i> (dasheen).....	China	2	-----	-----	California.*
<i>Eleocharis dulcis</i> (waternut).....	do.	1	-----	-----	Do.
<i>Musa paradisica sapientum</i> (banana)	Fiji Islands.	1	-----	-----	Do.
<i>Oryza sativa</i> (rice).....	Japan	-----	1	-----	Do.
<i>Zingiber officinale</i> (ginger).....	China, Hawaii	11	-----	-----	Do.
<i>Metasphaeria caraguata</i> Speg.: Bromeliad	Costa Rica	-----	-----	1	Texas.
<i>Monilinia fructigena</i> (Aderh. & Ruhl.) Honey:	-----	-----	-----	-----	-----
<i>Malus sylvestris</i> (apple).....	do.	-----	1	-----	New York.
<i>Prunus persica</i> (peach).....	Portugal	1	-----	-----	Pennsylvania.
<i>Monochaetia paeoniae</i> (Maubl.) Sacc. & D. Sacc.: <i>Paeonia suffruticosa</i> (tree peony).....	Japan	-----	-----	1	California.*
<i>Mononchus papillatus</i> Bastian: Soil around azalea plants	Netherlands	-----	-----	1	Alabama.
<i>Mycosphaerella allicina</i> (Fr.) Vest.: <i>Allium ascalonicum</i> (shallot).....	do.	-----	1	-----	Oregon.
<i>Mycosphaerella citrullina</i> (C. O. Sm.) Gross: <i>Cucumis sativus</i> (cucumber).....	Mexico	1	-----	-----	Texas.
<i>Sechium edule</i> (chayote).....	Haiti	-----	1	-----	Louisiana.
<i>Mycosphaerella clintoniana</i> House: <i>Rhododendron indicum</i> (indica azalea)	Belgium	-----	-----	1	New Jersey.
<i>Rhododendron</i> sp.....	England	-----	-----	1	Washington.
<i>Mycosphaerella fragariae</i> (Tul.) Lindau: <i>Fragaria</i> sp.....	England	-----	-----	1	California.*
<i>Mycosphaerella maculiformis</i> (Pers. ex Fr.) Schroet.: <i>Castanea</i> sp. (chestnut).....	Italy	-----	-----	1	New York.
<i>Mycosphaerella opuntiae</i> (Ell. & Ev.) Dearn.: <i>Coryphantha erecta</i> (cactus).....	Mexico	-----	-----	1	Texas.
<i>Opuntia compressa</i> (pricklypear).....	do.	-----	-----	1	Do.
<i>Opuntia</i> sp.....	do.	-----	-----	5	Do.
<i>Mycosphaerella philodendri</i> (Pat.) Lindau: <i>Philodendron</i> sp.....	do.	-----	-----	1	Do.
<i>Mycosphaerella pinodes</i> (Berk. & Blox.) Stone: <i>Pisum sativum</i> (pea).....	do.	1	-----	-----	Do.
<i>Mycosphaerella pomi</i> (Pass.) Lindau: <i>Malus sylvestris</i> (apple).....	Italy	-----	-----	1	New Jersey.
<i>Mycosphaerella rhododendri</i> (Cke.) G. H. Martin: <i>Rhododendron</i> sp.....	Netherlands	-----	-----	2	Do.
<i>Myrothecium roridum</i> Tode ex Fr.: <i>Lycopersicon esculentum</i> (tomato).....	Mexico	2	-----	-----	Texas.
<i>Naemacystus niveus</i> (Pers. ex Fr.) Sacc.: <i>Pinus sylvestris</i> (Scotch pine).....	Denmark	-----	-----	1	New Jersey.
<i>Neovossia horrida</i> (Tak.) Padwick & Az- matullah Khan: <i>Oryza sativa</i> (rice).....	Service mail	1	-----	-----	Washington.
<i>Neovossia indica</i> (Mittra) Mund.: <i>Triticum aestivum</i> (wheat).....	India	-----	-----	2	District of Columbia.

List of pests (diseases) collected and reported from July 1, 1948, to June 30, 1949, inclusive
—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Nigrospora sphaerica</i> (Sacc.) Mason:					
<i>Anthurium sanguineum</i>	Guatemala.....			1	California.*
<i>Oryza sativa</i> (rice).....	Japan, Portu- gal.....	4			Do.
<i>Zea mays</i> (corn).....	Colombia.....			1	Do.
<i>Omphalia flavida</i> (Cke.) Maub. & Ran- gel:					
<i>Gardenia augusta</i> (gardenia).....	Mexico.....	22			California* Texas.
<i>Orbilia rubella</i> (Pers. ex Fr.) Karst.:					
<i>Eriobotrya japonica</i> (loquat).....	do.....	1			Texas.
<i>Papularia sphaerosperma</i> (Fr.) Hoehn.:					
<i>Bambusa</i> sp. (bamboo).....	India.....			1	California.*
<i>Papulaspora parasitica</i> (Eidam) Harz.:					
<i>Tulipa</i> sp. (tulip).....	Netherlands.....			1	Do.
<i>Periola hirsuta</i> (Schum.) Fr.:					
Orchid.....	Venezuela.....		1		Maryland.
<i>Peronospora effusa</i> (Grev.) Rab.:					
<i>Spinacia oleracea</i> (spinach).....	Mexico.....	4			Arizona, Texas.
<i>Peronospora pisi</i> (D By.) Syd.:					
<i>Pisum sativum</i> (pea).....	Portugal.....		1		Texas.
<i>Pestalotia conspicua</i> Servazzi:					
<i>Cattleya lueddemanniana</i> (orchid) ..	Venezuela.....			1	Do.
<i>Cattleya mossiae</i>	do.....			1	California.*
<i>Stanhopea</i> sp. (orchid).....	Peru.....			1	Do.
<i>Vanda</i> sp. (orchid).....	Siam.....			1	Do.
<i>Pestalotia cryptomeriae</i> Cke.:					
<i>Cryptomeria japonica</i> (cryptomeria) ..	Japan.....			1	Washington.
<i>Pestalotia funerea</i> Desm.:					
<i>Juniperus excelsa</i>	South America.....	1			New York.
<i>Mangifera indica</i> (mango).....	Mexico.....	1			Texas.
<i>Pinus</i> sp. (3-leaved pine).....	do.....			1	Do.
<i>Pestalotia inconspicua</i> Servazzi:					
<i>Laelia</i> sp. (orchid).....	do.....			1	Do.
<i>Pestalotia macrotricha</i> Kleb.:					
<i>Rhododendron</i> sp.....	England, Netherlands.....			3	New Jersey, Washington.
<i>Pestalotia microspora</i> Speg.:					
<i>Laelia anceps</i> (orchid).....	Mexico.....			1	Texas.
<i>Laelia</i> sp.....	do.....			1	Do.
<i>Pestalotia nucicola</i> Ell. & Ev.:					
<i>Castanea</i> sp. (chestnut).....	Italy.....	1			Do.
<i>Pestalotia palmarum</i> Cke.:					
Palm.....	Canal Zone, Mexico, St. Lucia.....	1		2	New York, Texas, Washington.
<i>Pestalotia peregrina</i> Ell. & Mart.:					
<i>Pinus mugo</i> (?).....	Denmark.....			1	New Jersey.
<i>Pinus sylvestris</i> (Scotch pine).....	do.....			1	Do.
<i>Pestalotia psidii</i> Pat.:					
<i>Psidium guajava</i> (guava).....	Mexico.....	2			Texas.
<i>Pezizella lythri</i> Shear & Dodge:					
<i>Paeonia suffruticosa</i> (tree peony).....	France.....			1	New Jersey.
<i>Rosa</i> sp.....	England.....			1	Do.
<i>Phaeosphaerella senniana</i> Sacc. (?):					
<i>Protea cynarioides</i> (honeypot protea) ..	Union of South Africa.....			1	Do.
<i>Phaeosphaeria oryzae</i> Miyake:					
<i>Oryza sativa</i> (rice).....	China, Japan.....	4	1		California.*
<i>Phoma citricarpa</i> McAlp.:					
<i>Citrus grandis</i> (pummelo).....	China.....	1			Do.
<i>Citrus limon</i> (lemon).....	Australia, For- mosa.....		4		California*, Massachu- setts, New York, Penn- sylvania.
<i>Citrus paradisi</i> (grapefruit).....	Australia.....		2		California*, Washington.
<i>Citrus reticulata</i> (Mandarin orange) ..	China.....	23	3		California*, Hawaii, Minnesota, New York, Washington.

List of pests (diseases) collected and reported from July 1, 1948, to June 30, 1949, inclusive
—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Phoma citricarpa</i> —Continued <i>Citrus sinensis</i> (orange).....	Australia,----- Canton Island, China, Japan, Union of South Africa.	51	11	-----	Alaska, California*, Hawaii, Massachu- setts, New York, Penn- sylvania, Washington.
<i>Phoma insidiosa</i> Tassi: <i>Sorghum vulgare</i> (sorghum).....	India, Kenya.-----	-----	-----	4	District of Columbia.
<i>Phoma japonica</i> Sacc.: <i>Kerria japonica</i> (kerria).....	Japan-----	-----	-----	1	Washington.
<i>Phoma pinicola</i> (Zopf) Sacc.: <i>Pinus contorta</i> (shore pine).....	Canada-----	-----	-----	1	Do.
<i>Phomopsis capsici</i> (Magn.) Sacc.: <i>Capsicum frutescens</i> (pepper).....	Barbados,----- Cuba.	2	-----	-----	Massachu- setts, New York.
<i>Phomopsis magnoliae</i> Died.: <i>Magnolia</i> sp.-----	Netherlands-----	-----	-----	1	New Jersey.
<i>Phomopsis phoenicola</i> Trav.: <i>Phoenix</i> sp.-----	Azores-----	-----	-----	1	Massachu- setts.
<i>Phomopsis seposita</i> (Sacc.) Trav.: <i>Wisteria sinensis</i> (Chinese wisteria).....	Netherlands----- do-----	-----	-----	1 1	New Jersey. Do.
<i>Phomopsis sorbicola</i> Grove: <i>Sorbus aucuparia</i> (European moun- tain-ash)-----	do-----	-----	-----	1	Do.
<i>Phragmidium discolorum</i> (Tode) James: <i>Rosa</i> sp.-----	Egypt, Italy-----	-----	1	1	New York, Pennsyl- vania.
<i>Phyllachora engleri</i> Speg.: <i>Anthurium</i> sp. (?)-----	Guatemala-----	-----	-----	-----	New Jersey.
<i>Phyllosticta aucubicola</i> Sacc.: <i>Aucuba</i> sp.-----	Netherlands-----	-----	-----	1	Do.
<i>Phyllosticta camelliae</i> West.: <i>Camellia japonica</i> (camellia)-----	England-----	-----	-----	1	Do.
<i>Phyllosticta codiaeicola</i> Died.: <i>Codiaeum</i> sp. (croton)-----	Bermuda-----	-----	-----	1	New York.
<i>Phyllosticta concava</i> Seaver: <i>Opuntia</i> sp. (cactus)-----	Mexico-----	-----	-----	1	Texas.
<i>Phyllosticta draconis</i> Berk.: <i>Cordyline terminalis</i> (dracena)-----	Hawaii-----	1	-----	-----	California.*
<i>Phyllosticta glumarum</i> (Ell. & Tracy) Miyake: <i>Oryza sativa</i> (rice)-----	Mexico-----	1	-----	-----	Arizona.
<i>Phyllosticta laeliae</i> Keissl.: <i>Brassia verrucosa</i> (orchid)-----	Guatemala-----	-----	-----	1	California.*
<i>Laelia anceps</i> (orchid)-----	Mexico-----	-----	-----	3	Texas.
<i>Laelia autumnalis</i> -----	do-----	-----	-----	1	Do.
<i>Laelia furfuracea</i> -----	do-----	-----	-----	1	Do.
<i>Laelia majalis</i> -----	do-----	-----	-----	1	Do.
<i>Laelia</i> sp.-----	do-----	-----	-----	5	California*, Texas.
<i>Phyllosticta leucothoes</i> Ell. & Mart.: <i>Leucothoe catesbaei</i> (drooping leucot- hoe)-----	Netherlands-----	-----	-----	1	New Jersey.
<i>Phyllosticta mortoni</i> Fairm.: <i>Mangifera indica</i> (mango)-----	Mexico-----	1	-----	-----	Texas.
<i>Phyllosticta narcissi</i> Aderh.: <i>Narcissus</i> sp.-----	Netherlands-----	-----	-----	1	California.*
<i>Phyllosticta nerii</i> West.: <i>Nerium oleander</i> (oleander)-----	Bermuda-----	-----	-----	1	Maryland.
<i>Phyllosticta ruscicola</i> Dur. & Mont.: <i>Ruscus</i> sp.-----	Italy-----	4	-----	-----	New York, Pennsyl- vania.
<i>Phyllosticta saccardoi</i> Thuem.: <i>Rhododendron</i> sp.-----	England-----	-----	-----	1	Washington.
<i>Phyalospora camptospora</i> Sacc.: <i>Laelia anceps</i> (orchid)-----	Mexico-----	-----	-----	2	Texas.
<i>Laelia superbiens</i> -----	do-----	-----	-----	1	Do.
<i>Laelia</i> sp.-----	do-----	-----	-----	2	Do.
<i>Stanhopea</i> sp. (orchid)-----	do-----	-----	-----	1	Do.

List of pests (diseases) collected and reported from July 1, 1948, to June 30, 1949, inclusive
—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Phylospora cattleyae</i> Maub. & Lasnier: <i>Laelia</i> sp. (orchid).....	Mexico,..... Venezuela.	-----	-----	3	Texas.
<i>Phylospora ilicis</i> (Fr.) Sacc.: <i>Ilex</i> sp. (holly).....	Korea.....	-----	-----	1	California.*
<i>Phylospora obtusa</i> (Schw.) Cke.: <i>Genista</i> sp.....	Germany.....	-----	-----	1	New York.
<i>Pyrus communis</i> (pear).....	Spain.....	1	-----	-----	Pennsyl- vania.
<i>Phylospora orchidearum</i> P. Henn.: <i>Dendrobium</i> sp. (orchid).....	Australia.....	-----	-----	1	New Jersey.
<i>Phylospora wildemaniana</i> Sacc.: <i>Cattleya</i> sp. (orchid).....	Colombia.....	-----	-----	1	Texas.
<i>Laelia anceps</i> (orchid).....	Mexico.....	-----	-----	1	Do.
<i>Laelia</i> sp.....	do.....	-----	-----	1	Do.
<i>Stanhopea</i> sp. (orchid).....	do.....	-----	-----	1	Do.
<i>Phytophthora cactorum</i> (Leb. & Cohn) Schroet.: <i>Cucurbita mazima</i> (squash).....	do.....	1	-----	-----	Do.
<i>Phytophthora parasitica</i> Dast.: <i>Lycopersicon esculentum</i> (tomato).....	Jamaica.....	1	-----	-----	Alabama.
<i>Plasmodiophora brassicae</i> Wor.: <i>Brassica rapa</i> (turnip).....	England.....	-----	1	-----	Pennsyl- vania.
<i>Polyporus occidentalis</i> Klotzsch: <i>Hura crepitans</i> (?).....	Brazil.....	2	-----	-----	New York.
<i>Prosopidium appendiculatum</i> (Wint.) Arth.: <i>Stenolobium stans</i>	Mexico.....	-----	1	-----	Texas.
(Florida yellowtrumpet) <i>Pseudomonas marginata</i> (McCull.) Stapp: <i>Gladiolus</i> sp.....	Italy, Nether- lands.	-----	-----	4	Illinois, New York.
<i>Sparaxis grandiflora</i> (big wandflower)	Union of South Africa.	-----	-----	1	New Jersey.
<i>Pseudomonas phaseolicola</i> (Burk.) Dowson: <i>Phaseolus vulgaris</i> (kidney bean).....	Mexico.....	2	-----	-----	Texas.
<i>Pseudomonas solanacearum</i> E. F. Sm.(?): <i>Solanum tuberosum</i> (potato).....	do.....	1	-----	-----	Do.
<i>Pseudomonas syringae</i> v Hall: <i>Persea americana</i> (avocado).....	do.....	1	-----	-----	Do.
<i>Pseudopeziza medicaginis</i> (Lib.) Sacc.: <i>Medicago sativa</i> (alfalfa).....	Germany.....	1	-----	-----	New York.
<i>Pseudopeziza trifolii</i> (Biv.-Bern.) Fekl.: <i>Trifolium repens</i> var. shamrock.....	Ireland.....	1	-----	-----	Do.
<i>Puccinia allii</i> (DC.) Rud.: <i>Allium sativum</i> (garlic).....	France.....	-----	1	-----	Texas.
<i>Puccinia arenariae</i> (Schum.) Wint.: <i>Gypsophila</i> sp.....	Portugal.....	-----	1	-----	Massachu- setts.
<i>Puccinia chrysanthemi</i> Roze: <i>Chrysanthemum morifolium</i> var.....	Japan.....	1	-----	-----	Washington
<i>Puccinia cichorii</i> (DC.) Bellynek: <i>Cichorium intybus</i> (chicory).....	Belgium.....	1	-----	-----	New York.
<i>Puccinia glumarum</i> (Schmidt) Eriks. & E. Henn.: <i>Hordeum vulgare</i> (barley).....	Japan.....	-----	1	-----	Louisiana.
<i>Triticum aestivum</i> (wheat).....	Turkey.....	-----	-----	1	District of Columbia.
<i>Puccinia ornithogalli-thyrsoides</i> Diet.: <i>Ornithogalum thyrsoides</i> (chinkerichee).....	Union of South Africa.	5	-----	-----	Maryland, Massachu- setts, New York, Penn- sylvania.
<i>Puccinia phragmitis</i> (Schum.) Koern.: <i>Phragmites communis</i> (reed).....	Chile,..... England, France, Netherlands.	4	-----	-----	New York, Ohio.
<i>Puccinia porri</i> (Sow.) Wint.: <i>Allium sativum</i> (garlic).....	Italy.....	1	-----	-----	Louisiana.
<i>Puccinia urbaniana</i> P. Henn.: <i>Stachytarpheta jamaicensis</i>	Puerto Rico.....	1	-----	-----	New York.

List of pests (diseases) collected and reported from July 1, 1948, to June 30, 1949, inclusive
—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Puccinia violae</i> (Schum.) DC.: <i>Viola cornuta</i> (horned violet).....	Sweden,..... unknown.	1	1	-----	New York.
<i>Pucciniastrum myrtilli</i> (Schum.) Arth.: <i>Rhododendron</i> sp.....	England.....	-----	-----	1	Washington.
<i>Pyrenochaeta oryzae</i> Miyake: <i>Oryza sativa</i> (rice).....	India.....	-----	1	-----	Pennsylvania.
<i>Rabenhorstia rudis</i> Fr.: <i>Laburnum watereri</i> (waterer laburnum)	Netherlands.....	-----	-----	1	New Jersey.
<i>Laburnum</i> sp.....	do.....	-----	-----	1	Do.
<i>Rhizopus necans</i> Mass.: <i>Lycoris</i> sp.....	China.....	-----	-----	1	Do.
<i>Schizophyllum commune</i> Fr.: <i>Hura crepitans</i> (?).....	Brazil.....	1	-----	-----	New York.
<i>Tilia tomentosa</i>	Italy.....	-----	-----	1	New Jersey.
<i>Sclerotinia kernerii</i> Wettst.: <i>Abies</i> sp.....	Greece.....	1	-----	-----	New York.
<i>Sclerotinia minor</i> Jagger: <i>Cichorium endivia</i> (endive)	Belgium.....	3	-----	-----	Do.
<i>Sclerotinia trifoliorum</i> Eriks.: <i>Trifolium</i> sp. (clover).....	Afghanistan.....	-----	-----	1	District of Columbia.
<i>Sclerotium cepivorum</i> Berk.: <i>Allium sativum</i> (garlic).....	Italy.....	3	1	-----	Massachu- setts, New York, Penn- sylvania.
<i>Sclerotium delphinii</i> Welch: <i>Iris tingitana</i> (Morocco iris).....	France.....	-----	-----	1	New Jersey.
<i>Septobasidium pseudopedicellatum</i> Burt: <i>Citrus sinensis</i> (orange).....	Brazil.....	-----	1	-----	New York.
<i>Septoria ampelina</i> Berk. & Curt.: <i>Vitis</i> sp. (grape).....	Mexico.....	-----	-----	1	Texas.
<i>Septoria azaleae</i> Vogl.: <i>Rhododendron</i> sp..... (Azalea vuylstukeana)	Netherlands.....	-----	-----	1	New Jersey.
<i>Rhododendron</i> sp.....	Belgium, England, Netherlands.	-----	-----	21	New Jersey, Washington.
<i>Septoria bambusella</i> Speg.: Bamboo.....	China.....	1	-----	-----	Washington.
<i>Septoria castanicola</i> Desm.: <i>Castanea</i> sp. (chestnut).....	Italy.....	-----	-----	1	New Jersey.
<i>Septoria chrysanthemi</i> Allesch.: <i>Chrysanthemum</i> sp.....	Bermuda, England, Netherlands.	1	-----	3	Maryland, New Jersey.
<i>Septoria citri</i> Pass.: <i>Citrus limon</i> (lemon).....	Italy, Portugal.....	-----	2	-----	Pennsylvania.
<i>Septoria cyclaminis</i> Dur. & Mont.: <i>Cyclamen europaeum</i> (European cyclamen)	Switzerland.....	-----	-----	1	New York.
<i>Cyclamen</i> sp.....	Italy.....	-----	-----	1	New Jersey.
<i>Septoria dianthi</i> Desm.: <i>Dianthus</i> sp. (carnation).....	Australia, Azores, Brazil, Portugal.	1	1	5	California*, Massachu- setts, New York.
<i>Septoria divaricatae</i> Etl. & Ev.: <i>Phlox</i> sp.....	England.....	-----	-----	1	New Jersey.
<i>Septoria epipactidis</i> Sacc. (?): <i>Cypripedium insigne</i> (orchid)	India.....	-----	-----	1	California.*
<i>Septoria leucanthemi</i> Sacc. & Speg.: <i>Chrysanthemum maximum</i> (Shasta daisy)	Mexico.....	2	-----	-----	Texas.
<i>Chrysanthemum morifolium</i> var.....	Japan.....	1	-----	-----	Washington.
<i>Septoria limonum</i> Pass.: <i>Citrus limon</i> (lemon)	Algeria.....	-----	1	-----	Pennsylvania.
<i>Septoria nodorum</i> Berk.: <i>Triticum aestivum</i> (wheat)	India.....	-----	-----	1	District of Columbia.
<i>Septoria oryzae</i> Catt.: <i>Oryza sativa</i> (rice).....	Japan.....	2	-----	-----	New York, Pennsyl- vania.

List of pests (diseases) collected and reported from July 1, 1948, to June 30, 1949, inclusive
—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Septoria posekensis</i> Sacc.:					
<i>Bulbophyllum</i> sp. (?)	India			1	New Jersey.
<i>Coelogyne cristata</i> (orchid)	do.			1	California.*
<i>Cymbidium devonianum</i> (orchid)	do.			2	New Jersey.
<i>Cymbidium pendulum</i>	do.			1	California.*
<i>Cypripedium insigne</i> (orchid)	do.			1	Do
<i>Odontoglossum citrosimum</i> (orchid)	Mexico			6	Texas.
<i>Oncidium varicosum rogersi</i> (orchid)	Brazil			1	Florida.
<i>Oncidium</i> sp.	Mexico			1	Texas.
<i>Septoria pyricola</i> Desm.:					
<i>Pyrus communis</i> (pear)	Italy	1			Michigan.
<i>Septoria unedonis</i> Rob. & Desm.:					
<i>Arbutus unedo</i> (strawberry-tree)	do.			1	New York.
<i>Sorosporium reitiana</i> (Kuehn) McAlp.:					
<i>Sorghum vulgare</i> (sorghum)	India			1	District of Columbia.
<i>Sorghum vulgare technicum</i> (broomcorn)	Argentina, Rumania.	4			New York
<i>Sphaceloma fawcettii</i> Jenkins:					
<i>Citrus</i> sp.	Mexico	1			Texas.
<i>Stachybotrys subsimplex</i> Cke.:					
<i>Musa paradisiaca sapientum</i> (banana)	Panama	1			California.*
<i>Stachylidium theobromae</i> Turc.:					
<i>Musa paradisiaca</i> (plantain)	Cuba, Domin- can Repub- lic, Hondur- as, Puerto Rico.	3	1		New York.
<i>Musa paradisiaca sapientum</i> (banana)	Colombia, Costa Rica, Ecuador, Guatemala, Mexico, Panama, Puerto Rico, Sierra Leone.	16	1		California*, New York, Pennsyl- vania.
<i>Stagonospora berberidina</i> Sacc.:					
<i>Berberis</i> sp.	Germany			1	New York.
<i>Stagonospora gigantea</i> Heald & Wolf:					
<i>Agave scabra</i>	Mexico			1	Texas.
<i>Stagonospora graminella</i> Sacc.:					
<i>Triticum aestivum</i> (wheat)	India			1	District of Columbia.
<i>Stemphylium botryosum</i> Wallr.:					
<i>Allium cepa</i> (onion)	Mexico	3			Texas.
<i>Allium porrum</i> (leek)	France		1		Pennsylvania.
<i>Allium sativum</i> (garlic)	Mexico	2			Texas.
<i>Crassula</i> sp.	Bermuda	1			Virginia.
<i>Dianthus</i> sp. (carnation)	Denmark, Nether- lands, Panama, Portugal (?)	2	1	1	Massachu- setts, New Jersey, New York, Virginia.
<i>Hyacinthus</i> sp.	Netherlands			1	Washington.
<i>Nerium oleander</i> (oleander)	Bermuda			1	Maryland.
<i>Stemphylium ilicis</i> Tengwall:					
<i>Hyacinthus</i> sp.	Netherlands	1		4	New York, Pennsylvan- ia, Texas, Virginia.
<i>Muscari</i> sp.	do.			1	Michigan.
<i>Stemphylium radicinum</i> (Meier, Drechs. & Eddy) Neerg.:					
<i>Daucus carota</i> (carrot)	England		1		Alabama.
<i>Hyacinthus</i> sp.	Netherlands			1	Washington.
<i>Stilbum incarnatum</i> Wakk.:					
<i>Aglaonema simplex</i> (China green)	China			1	California.*
<i>Eleocharis dulcis</i> (waternut)	do.	3			Do.
<i>Thecopora areolata</i> (Fr.) P. Magn.:					
<i>Prunus</i> sp. (cherry)	Finland			1	Washington.
<i>Thielaviopsis basicola</i> (Berk. & Br.) Ferr.:					
<i>Sinningia speciosa</i> (gloxinia)	Belgium, Netherlands.			27	New York, Pennsyl- vania.
"Tomato pox": <i>Lycopersicon esculentum</i> (tomato)	Mexico	6			Texas.

List of pests (diseases) collected and reported from July 1, 1948, to June 30, 1949, inclusive
—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Trichoderma lignorum</i> (Tode) Harz.: <i>Leucojum</i> sp. (snowflake)	Netherlands	-----	-----	1	New Jersey.
<i>Tritirachium dependens</i> Limber: <i>Cyclamen</i> sp.	Italy	-----	-----	1	Do.
<i>Tylenchorhynchus claytoni</i> Steiner: Soil around azaleas	Netherlands	-----	-----	1	Alabama.
<i>Tylenchus putrefaciens</i> Kuhn: <i>Allium sativum</i> (garlic)	Mexico	1	-----	-----	Texas.
<i>Uredo anthurii</i> (Hariot) Sacc.: <i>Anthurium</i> sp.	Guatemala	-----	-----	1	California.*
<i>Uredo autumnalis</i> Diet.: <i>Chrysanthemum morifolium</i> var.	Japan	1	-----	-----	Washington.
<i>Uredo behnickiana</i> P. Henn.: <i>Epidendrum</i> sp. (orchid)	Mexico	-----	-----	1	Texas.
<i>Laelia anceps</i> (orchid)	do	-----	-----	2	Do.
<i>Oncidium</i> sp. (orchid)	Brazil	-----	-----	2	New Jersey.
<i>Uredo oncidii</i> P. Henn.: <i>Oncidium cavendishianum</i> (orchid)	Mexico	-----	-----	1	Texas.
<i>Oncidium lanceanum</i>	Trinidad	-----	-----	1	New Jersey.
<i>Urocystis colchici</i> (Schlecht.) Rab.: <i>Colchicum autumnale</i>	Netherlands	-----	-----	3	Do.
(autumn crocus)	do	-----	-----	3	Do.
<i>Colchicum autumnale</i> album	do	-----	-----	3	Do.
(white autumn crocus)	do	-----	-----	10	Do.
<i>Uromyces alyziae</i> Arth.: <i>Alyzia olivaeformis</i> (malle alyxia)	Hawaii	6	-----	-----	California.*
<i>Uromyces compactus</i> Pk.: <i>Aster spinosus</i> (devilweed aster)	Mexico	1	-----	-----	Texas.
<i>Uromyces coronatus</i> Miy. & Nish.: <i>Oryza sativa</i> (rice)	Japan	2	-----	-----	New York, Pennsyl- vania, Massachu- setts.
<i>Zizania latifolia</i> (Asiatic wildrice)	do	1	-----	-----	Do.
<i>Zizania</i> sp.	do	1	-----	-----	New York.*
<i>Uromyces fabae</i> (Pers.) D. By.: <i>Pisum sativum</i> (pea)	India	-----	1	-----	District of Columbia.
<i>Uromyces lespeziae-procumbentis</i> (Schw.) Curt.: <i>Lespedeza bicolor</i> var. <i>japonica</i>	Japan	-----	-----	1	Michigan.
<i>Uromyces limonii</i> (DC.) Lev.: <i>Limonium sinuatum</i>	Switzerland	1	-----	-----	Oregon.
<i>Uromyces polygoni</i> (Pers.) Fckl.: <i>Rumex</i> sp.	Netherlands	1	-----	-----	Washington.
<i>Ustilago allii</i> McAlp.: <i>Allium cepa</i> (onion)	Australia	1	-----	-----	New York, Pennsyl- vania.
<i>Ustilago esculenta</i> P. Henn.: <i>Zizania latifolia</i> (Asiatic wildrice)	Japan	2	-----	-----	Washington.
<i>Ustilago nuda</i> (Jens.) Rostr.: <i>Hordeum vulgare</i> (barley)	Italy	1	-----	-----	Ohio.
<i>Ustilago perennans</i> Rostr.: <i>Arrhenatherum elatius</i> (tall oatgrass)	Czechoslo- vakia.	1	-----	-----	-----
<i>Ustilago tritici</i> (Pers.) Rostr.: Cereal	Netherlands	1	-----	-----	Texas.
<i>Triticum aestivum</i> (wheat)	Italy	1	-----	-----	New York.
<i>Venturia inaequalis</i> (Cke.) Wint. <i>ciner- ascens</i> (Fckl.) Aderh.: <i>Sorbus domestica</i> (servicetree)	do	1	-----	-----	Pennsyl- vania.
<i>Vermicularia dematium</i> Fr.: <i>Cajanus cajan</i> (pigeonpea)	Puerto Rico	1	-----	-----	New York.
<i>Dianthus</i> sp. (carnation)	England	-----	-----	1	Massachu- setts.
<i>Volutella buzi</i> (Cda.) Berk.: <i>Buzus</i> sp.	Netherlands	-----	-----	1	New Jersey.
<i>Volutella roseolum</i> Cke.: <i>Deutzia</i> sp.	do	-----	-----	1	Do.
<i>Xanthomonas citri</i> (Hasse) Dowson: <i>Citrus aurantifolia</i> (sour lime)	Ceylon, Egypt, India, Orient, Siam.	-----	12	-----	California*, Massachu- setts, New York, Wash- ington.

List of pests (diseases) collected and reported from July 1, 1948, to June 30, 1949, inclusive
—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Con- sump- tion	Non- entry	Prop- aga- tion	
<i>Xanthomonas citri</i> —Continued					
<i>Citrus aurantifolia</i> (sweet lime)-----	Philippines-----		1		New York.
<i>Citrus grandis</i> (pummelo)-----	China-----	1			California.*
<i>Citrus limon</i> (lemon)-----	India, Japan-----		3		California*, Washington.
<i>Citrus paradisi</i> (grapefruit)-----	India (?),----- Philippines, unknown.	1	2		California*, New York.
<i>Citrus reticulata</i> (Mandarin orange)-----	China-----	1	1		California*, Washington.
<i>Citrus sinensis</i> (orange)-----	China, Japan, Straits Settlements.	7	3		California*, Hawaii.
<i>Citrus sinensis</i> (Navel orange)-----	Japan-----		1		Oregon.
<i>Xanthomonas hyacinthi</i> (Wakk.) Dowson:					
<i>Hyacinthus</i> sp.-----	Netherlands-----			3	Michigan.
<i>Xanthomonas vesicatoria</i> (Doidge) Dowson:					
<i>Capsicum frutescens</i> (pepper)-----	Mexico-----	1			Texas.

- ABIES:**
Sclerotinia kernerii (Ascomycetes)
- AGAVE:**
Cercospora fourcroyae (Deuteromycetes)
Colletotrichum agaves (Deuteromycetes)
Stagonospora gigantea (Deuteromycetes)
- AGLAONEMA:**
Silbum incarnatum (Deuteromycetes)
- AGROPYRON:**
Claviceps purpurea (Ascomycetes)
- AGROSTIS:**
Claviceps microcephala (Ascomycetes)
- ALLIUM ASCALONICUM:**
Mycosphaerella allicina (Ascomycetes)
- ALLIUM CEPA:**
Alternaria porri (Deuteromycetes)
Curvularia lunata (Deuteromycetes)
Stemphylium botryosum (Deuteromycetes)
Ustilago allii (Promycetes)
- ALLIUM PORRUM:**
Stemphylium botryosum (Deuteromycetes)
- ALLIUM SATIVUM:**
Botrytis elliptica (Deuteromycetes)
Ditylenchus dipsaci (Nematoda)
Heterosporium allii (Deuteromycetes)
Puccinia allii (Promycetes)
Puccinia porri (Promycetes)
Sclerotium cepivorum (Deuteromycetes)
Stemphylium botryosum (Deuteromycetes)
Tylenchus putrefaciens (Nematoda)
- ALYXIA:**
Uromyces alyziae (Promycetes)
- ANTHURIUM:**
Nigrospora sphaerica (Deuteromycetes)
Phyllachora engleri (Ascomycetes)
Uredo anthurii (Promycetes)
- ARACHIS:**
Ditylenchus destructor (?) (Nematoda)
- ARBUTUS:**
Septoria unedonis (Deuteromycetes)
- ARRHENATHERUM:**
Ustilago perennans (Promycetes)
- ASPIDISTRA:**
Colletotrichum omnivorum (Deuteromycetes)
- ASTER:**
Acrobates ciliatus (Nematoda)
Aphelenchus avenae (Nematoda)
Uromyces compactus (Promycetes)
- AUCUBA:**
Phyllosticta aucubicola (Deuteromycetes)
- AVENA:**
Helminthosporium avenae (Deuteromycetes)
- BAMBOO:**
Eutypella bambusina (Ascomycetes)
Septoria bambusella (Deuteromycetes)
- BAMBUSA:**
Papularia sphaerosperma (Deuteromycetes)
- BERBERIS:**
Leptosphaeria berberidis (Ascomycetes)
Leptothyrium berberidis (Deuteromycetes)
Stagonospora berberidina (Deuteromycetes)
- BRACHIARIA:**
Colletotrichum graminicolum (Deuteromycetes)
- BRASSICA:**
Phyllosticta laeliae (Deuteromycetes)
- BRASSICA NAPOBRASSICA:**
Gliomastix penicillioides (Deuteromycetes)
- BRASSICA RAPA:**
Plasmodiophora brassicae (Myxomycetes)
- BROMELIAD:**
Metasphaeria caraguata (Ascomycetes)
- BULBOPHYLLUM (?):**
Septoria posekensis (Deuteromycetes)
- BUXUS:**
Volutella buxi (Deuteromycetes)
- CAJANUS:**
Colletotrichum cajanii (Deuteromycetes)
Vermicularia dematium (Deuteromycetes)
- CAMELLIA:**
Camella yellow-spot virus
Heterodera goettingiana (Nematoda)
Phyllosticta camelliae (Deuteromycetes)
- CAMPANULA:**
Coleosporium campanulae (Promycetes)
- CAPSICUM:**
Curvularia lunata (Deuteromycetes)
Gloeosporium piperatum (Deuteromycetes)
Phomopsis capsici (Deuteromycetes)
- CAPSICUM—Continued**
Xanthomonas vesicatoria (Schizomycetes)
- CASTANEA:**
Cytospora ceratophora (Deuteromycetes)
Mycosphaerella maculiformis (Ascomycetes)
Pestalotia nucicola (Deuteromycetes)
Septoria castanicola (Deuteromycetes)
- CATTLEYA:**
Memnoniella echinata (Deuteromycetes)
Pestalotia conspicua (Deuteromycetes)
Physalospora willemianiana (Ascomycetes)
- CHRYSANTHEMUM:**
Puccinia chrysanthemi (Promycetes)
Septoria chrysanthemi (Deuteromycetes)
Septoria leucanthemi (Deuteromycetes)
Uredo autumnalis (Promycetes)
- CICHORIUM:**
Puccinia cichorii (Promycetes)
Sclerotinia minor (Ascomycetes)
- CITRULLUS:**
Colletotrichum lagenarium (Deuteromycetes)
- CITRUS AURANTIFOLIA:**
Elsinoe australis (Ascomycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS GRANDIS:**
Phoma citricarpa (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS LIMON:**
Cancerosis "B":
Elsinoe australis (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Septoria citri (Deuteromycetes)
Septoria limonum (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS PARADISI:**
Phoma citricarpa (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS RETICULATA:**
Elsinoe australis (Ascomycetes)
Leptothyrium pomi (Deuteromycetes)
Phoma citricarpa (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS SINENSIS:**
Alternaria citri (Deuteromycetes)
Diaporthe citri (Ascomycetes)
Elsinoe australis (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Septobasidium pseudopedicellatum (Basidiomycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS SP.:**
Phoma citricarpa (Deuteromycetes)
Sphaceloma fawcettii (Deuteromycetes)
- COCOS:**
Botryosphaeria ribis (Ascomycetes)
- CODIAEUM:**
Phyllosticta codiaeicola (Deuteromycetes)
- COLOGYNE:**
Septoria posekensis (Deuteromycetes)
- COLCHICUM:**
Ditylenchus sp. (undescribed) (Nematoda)
Urocystis colchici (Promycetes)
- COLOCASIA:**
Memnoniella echinata (Deuteromycetes)
- CONVALLARIA:**
Aphelenchus aderholdi (Nematoda)
- CORDYLINE:**
Phyllosticta draconis (Deuteromycetes)
- CORYPHANTHA:**
Mycosphaerella opuntiae (Ascomycetes)
- CRASSULA:**
Stemphylium botryosum (Deuteromycetes)
- CROCUS:**
Fusarium oysporum (Deuteromycetes)
- CRYPTOMERIA:**
Pestalotia cryptomeriae (Deuteromycetes)
- CUCUMIS:**
Mycosphaerella citrullina (Ascomycetes)
- CUCURBITA:**
Phytophthora cactorum (Phycomycetes)
- CUPRESSUS:**
Gymnosporangium haraeum (Promycetes)
- CYCLAMEN:**
Septoria cyclaminis (Deuteromycetes)
Tritirachium dependens (Deuteromycetes)
- CYMBIDIUM:**
Chaetomium indicum (Ascomycetes)
Septoria posekensis (Deuteromycetes)

CYPRIPEDIUM:

- Septoria epipactidis* (?) (Deuteromycetes)
- Septoria posekensis* (Deuteromycetes)

DAHLIA:

- Cytospora dahliae* (Deuteromycetes)

DAUCUS:

- Stemphylium radicinum* (Deuteromycetes)

DENDROBIUM:

- Physotheca orchidearum* (Ascomycetes)

DEUTZIA:

- Volutella roseolum* (Deuteromycetes)

DIANTHUS:

- Alternaria dianthi* (Deuteromycetes)
- Septoria dianthi* (Deuteromycetes)
- Stemphylium botryosum* (Deuteromycetes)
- Vermicularia dematium* (Deuteromycetes)

ECHINOCACTUS:

- Leptosphaeria opuntiae* (Ascomycetes)

ELEOCHARIS:

- Gliomastix convoluta* (Deuteromycetes)
- Melanospora zamiae* (Ascomycetes)
- Memmoniella echinata* (Deuteromycetes)
- Stilbum incarnatum* (Deuteromycetes)

EPIDENDRUM:

- Uredo behnickiana* (Promycetes)

ERICA:

- Laestadia rouzii* (Ascomycetes)

ERIOBOTRYA:

- Orbilia rubella* (Ascomycetes)

FAGUS:

- Fusicoccum galericulatum* (Deuteromycetes)

FESTUCA:

- Claviceps purpurea* (Ascomycetes)

FRAGARIA:

- Mycosphaerella fragariae* (Ascomycetes)

GALANTHUS:

- Botrytis galanthina* (Deuteromycetes)

GARDENIA:

- Omphalia flvida* (Deuteromycetes)

GENISTA:

- Physotheca obtusa* (Ascomycetes)

GLADIOLUS:

- Botrytis gladiolorum* (Deuteromycetes)
- Fusarium oxysporum* f. *gladioli* (Deuteromycetes)
- Pseudomonas marginata* (Schizomycetes)

GYP SOPHILA:

- Alternaria gypsophilae* (Deuteromycetes)
- Puccinia arenariae* (Promycetes)

HA WORTHIA:

- Ascochyta haworthiae* (Deuteromycetes)

HELLEBORUS:

- Coniothyrium hellebori* (Deuteromycetes)

HIBISCUS:

- Cercospora malayensis* (Deuteromycetes)

HORDEUM:

- Puccinia glumarum* (Promycetes)
- Ustilago nuda* (Promycetes)

HOYA:

- Gloeosporium affine* (Deuteromycetes)

HURA:

- Cytospora chrysosperma* (Deuteromycetes)
- Polyporus occidentalis* (Basidiomycetes)
- Schizophyllum commune* (Basidiomycetes)

HYACINTHUS:

- Stemphylium botryosum* (Deuteromycetes)
- Stemphylium ilicis* (Deuteromycetes)
- Stemphylium radicinum* (Deuteromycetes)
- Xanthomonas hyacinthi* (Schizomycetes)

ILEX:

- Physotheca ilicis* (Ascomycetes)

IRIS:

- Collectotrichum lilii* (Deuteromycetes)
- Ditylenchus* sp. (undescribed) (Nematoda)
- Fusarium oxysporum* (Deuteromycetes)
- Leptosphaeria heterospora* (Ascomycetes)
- Sclerotium delphinii* (Deuteromycetes)

JUNIPERUS:

- Gymnosporangium haraeum* (Promycetes)
- Lophodermium juniperinum* (Ascomycetes)
- Pestalotia funerea* (Deuteromycetes)

KERRIA:

- Phoma japonica* (Deuteromycetes)

LABURNUM:

- Rabenhorstia rudis* (Deuteromycetes)

LAELIA:

- Diplodia paraphysaria* (Deuteromycetes)
- Pestalotia inconspicua* (Deuteromycetes)

LAELIA—Continued

- Pestalotia microspora* (Deuteromycetes)
- Phyllosticta laeliae* (Deuteromycetes)
- Physotheca campispora* (Ascomycetes)
- Physotheca cattleyae* (Ascomycetes)
- Physotheca wildemaniana* (Ascomycetes)
- Uredo behnickiana* (Promycetes)

LECYTHIS:

- Diplodia theobromae* (Deuteromycetes)

LESPEDeza:

- Uromyces lespedezae-procumbentis* (Promycetes)

LEUCOJUM:

- Trichoderma lignorum* (Deuteromycetes)

LEUCOTHOE:

- Phyllosticta leucothoes* (Deuteromycetes)

LILIACEAE:

- Collectotrichum lilii* (Deuteromycetes)

LILIUM:

- Botrytis elliptica* (Deuteromycetes)
- Collectotrichum lilii* (Deuteromycetes)
- Gliomastix convoluta* (Deuteromycetes)

LIMONIUM:

- Uromyces limonii* (Promycetes)

LYCOPERSICON:

- Alternaria porri* (Deuteromycetes)
- Helminthosporium carposaprum* (Deuteromycetes)
- Hormodendron cladosporioides* (Deuteromycetes)
- Myrothecium roridum* (Deuteromycetes)
- Phytophthora parasitica* (Phycomycetes)
- "Tomato pox"

LYCORIS:

- Rhizopus necans* (Phycomycetes)

MAGNOLIA:

- Karschia lignyota* (Ascomycetes)
- Phomopsis magnoliae* (Deuteromycetes)

MAHONIA:

- Cumminsia sanguinea* (Promycetes)

MALUS:

- Elsinoe piri* (Ascomycetes)
- Leptothyrium pomi* (Deuteromycetes)
- Monilinia fructigena* (Ascomycetes)
- Mycosphaerella pomi* (Ascomycetes)

MANGIFERA:

- Pestalotia funerea* (Deuteromycetes)
- Phyllosticta mortoni* (Deuteromycetes)

MANIOT:

- Diplodia theobromae* (Deuteromycetes)

MEDICAGO:

- Pseudopeziza medicaginis* (Ascomycetes)

MUSA PARADISIACA:

- Cercospora musae* (Deuteromycetes)
- Diplodia theobromae* (Deuteromycetes)
- Stachylidium theobromae* (Deuteromycetes)

MUSA PARADISIACA SAPIENTUM:

- Cercospora musae* (Deuteromycetes)
- Leptosphaeria musarum* (Ascomycetes)
- Macrophoma musae* (Deuteromycetes)
- Memmoniella echinata* (Deuteromycetes)
- Stachybotrys sub simplex* (Deuteromycetes)
- Stachylidium theobromae* (Deuteromycetes)

MUSCARI:

- Stemphylium ilicis* (Deuteromycetes)

NARCISsus:

- Ditylenchus dipsaci* (Nematoda)
- Fusarium oxysporum* f. *narcissi* (Deuteromycetes)
- Gliomastix convoluta* (Deuteromycetes)
- Phyllosticta narcissi* (Deuteromycetes)

NERIUM:

- Cercospora neriella* (Deuteromycetes)
- Phyllosticta nerii* (Deuteromycetes)
- Stemphylium botryosum* (Deuteromycetes)

NYMPHAEA:

- Diplodia theobromae* (Deuteromycetes)

ODONTOGLOSSUM:

- Cercospora angreci* (Deuteromycetes)
- Septoria posekensis* (Deuteromycetes)

ONCIDIUM:

- Diplodia paraphysaria* (Deuteromycetes)
- Septoria posekensis* (Deuteromycetes)
- Uredo behnickiana* (Promycetes)
- Uredo oncidii* (Promycetes)

OPUNTIA:

- Mycosphaerella opuntiae* (Ascomycetes)
- Phyllosticta concava* (Deuteromycetes)

ORCHID:

- Gloeosporium orchidearum* (Deuteromycetes)
- Periola hirsuta* (Deuteromycetes)

ORNITHOGALUM:

Heterosporium ornithogali (Deuteromycetes)
Puccinia ornithogali-thyrsoides (Promycetes)

ORYZA:

Helminthosporium oryzae (Deuteromycetes)
Memnoniella echinata (Deuteromycetes)
Neovossia horrida (Promycetes)
Nigrospora sphaerica (Deuteromycetes)
Phaeosphaeria oryzae (Ascomycetes)
Phyllosticta glumarum (Deuteromycetes)
Pyrenochaeta oryzae (Deuteromycetes)
Septoria oryzae (Deuteromycetes)
Uromyces coronatus (Promycetes)

PAEONIA:

Monochaetia paeoniae (Deuteromycetes)
Peizella lythri (Ascomycetes)

PALM:

Diplodia theobromae (Deuteromycetes)
Gloeosporium catechu (Deuteromycetes)
Pestalotia palmarum (Deuteromycetes)

PASPALUM:

Claviceps paspali (Ascomycetes)

PERSEA:

Pseudomonas syringae (Schizomycetes)

PHASEOLUS LUNATUS MACROCARPUS:

Cercospora canescens (Deuteromycetes)
Elsinoe phaseoli (Ascomycetes)

PHASEOLUS VULGARIS:

Hormodendron cladosporioides (Deuteromycetes)
Pseudomonas phaseoloides (Schizomycetes)

PHASEOLUS VULGARIS VAR.:

Isariopsis griseola (Deuteromycetes)

PHILODENDRON:

Diplodia theobromae (Deuteromycetes)
Mycosphaerella philodendri (Ascomycetes)

PHLOX:

Septoria divaricatae (Deuteromycetes)

PHOENIX:

Phomopsis phoenicola (Deuteromycetes)

PHRAGMITES:

Puccinia phragmitis (Promycetes)

PHYSALIS:

Ascochyta lycopersici (Deuteromycetes)
Colletotrichum phomoides (Deuteromycetes)

PINUS:

Coleosporium senecionis (Promycetes)
Naemacyclus niveus (Ascomycetes)
Pestalotia funerea (Deuteromycetes)
Pestalotia peregrina (Deuteromycetes)
Phoma pinicola (Deuteromycetes)

PISUM:

Ascochyta pisi (Deuteromycetes)
Colletotrichum pisi (Deuteromycetes)
Mycosphaerella pinodes (Ascomycetes)
Peronospora pisi (Phycomycetes)
Uromyces fabae (Promycetes)

PLUMERIA:

Coleosporium domingense (Promycetes)

POPULUS:

Marsonina populi (Deuteromycetes)

PROTEA:

Phaeosphaerella senniana (?) (Ascomycetes)

PRUNUS PERSICA:

Coryneum beijerincki (Deuteromycetes)
Monilinia fructigena (Ascomycetes)

PRUNUS SP. (cherry):

Cercospora circumscissa (Deuteromycetes)
Thecospora areolata (Deuteromycetes)

PSIDIUM:

Botryosphaeria ribis (Ascomycetes)
Pestalotia psidii (Deuteromycetes)

PUERARIA:

Melanospora zamiae (Ascomycetes)

PUNICA:

Cytospora punica (Deuteromycetes)

PYRACANTHA:

Fusicladium pyracanthae (Deuteromycetes)

PYRUS:

Phyalospora obtusa (Ascomycetes)
Septoria pyricola (Deuteromycetes)

RAPHANUS:

Aphanomyces raphani (Phycomycetes)

RHODODENDRON:

Cercospora handelii (Deuteromycetes)
Coniothyrium olivaceum (Deuteromycetes)
Coniothyrium rhododendri (Deuteromycetes)
Coryneum rhododendri (Deuteromycetes)
Diplodina eurhododendri (Deuteromycetes)

RHODODENDRON—Continued

Erobadium vaccinii (Basidiomycetes)
Gloeosporium rhododendri (Deuteromycetes)
Lachnum virgineum (Ascomycetes)
Mycosphaerella clintoniana (Ascomycetes)
Mycosphaerella rhododendri (Ascomycetes)
Pestalotia macrotricha (Deuteromycetes)
Phyllosticta sacchari (Deuteromycetes)
Pucciniastrum myrtilli (Promycetes)
Septoria azaleae (Deuteromycetes)

RIBES:

Diplodina grossulariae (Deuteromycetes)

ROSA:

Cercospora rosicola (Deuteromycetes)
Diplocarpon rosae (Ascomycetes)
Peizella lythri (Ascomycetes)
Phragmidium disciflorum (Promycetes)

RUMEX:

Uromyces polygoni (Promycetes)

RUSCUS:

Leptosphaeria rusci (Ascomycetes)
Phyllosticta ruscicola (Deuteromycetes)

SALIX:

Cytospora ambiens (Deuteromycetes)
Cytospora chrysosperma (Deuteromycetes)

SECHIU:

Mycosphaerella citrullina (Ascomycetes)

SINNINGIA:

Thielaviopsis basicola (Deuteromycetes)

SOIL:

Acrobeles ciliatus (Nematoda)
Heterodera goettingiana (Nematoda)
Heterodera punctata (Nematoda)
Heterodera rostochiensis (Nematoda)
Mononchus papillatus (Nematoda)
Tylenchorhynchus claytoni (Nematoda)

SOLANUM:

Giomastix convoluta (Deuteromycetes)
Pseudomonas solanacearum (Schizomycetes)

SORBUS:

Phomopsis sorbicola (Deuteromycetes)
Venturia inaequalis var. *cinerascens* (Ascomycetes)

SORGHUM:

Cerebella andropogonis (Deuteromycetes)
Phoma insidiosa (Deuteromycetes)
Sorosporium reiliana (Promycetes)

SPARAXIS:

Pseudomonas marginata (Schizomycetes)

SPINACIA:

Peronospora effusa (Phycomycetes)

STACHYTARPHETA:

Puccinia urbaniana (Promycetes)

STANHOPEA:

Pestalotia conspicua (Deuteromycetes)
Phyalospora campospora (Ascomycetes)
Phyalospora wildebrandiana (Ascomycetes)

STENOLOBIUM:

Prospodium appendiculatum (Promycetes)

TAXUS:

Diplodia taxi (Deuteromycetes)

TILIA:

Schizophyllum commune (Basidiomycetes)

TRIFOLIUM:

Pseudopeziza trifolii (Ascomycetes)
Sclerotinia trifoliorum (Ascomycetes)

TRITICUM:

Anguina tritici (Nematoda)
Neovossia indica (Promycetes)
Puccinia glumarum (Promycetes)
Septoria nodorum (Deuteromycetes)
Stagonospora graminella (Deuteromycetes)
Ustilago tritici (Promycetes)

TRITONIA:

Botrytis gladiolorum (Deuteromycetes)

TULIPA:

Botrytis tulipae (Deuteromycetes)
Papulaspora parasitica (Deuteromycetes)

VACCINIUM:

Lophodermium ozyococi (Ascomycetes)

VANDA:

Diplodia paraphysaria (Deuteromycetes)
Gloeosporium affine (?) (Deuteromycetes)
Gloeosporium beyrodtii (Deuteromycetes)
Pestalotia conspicua (Deuteromycetes)

VIOLA:

Puccinia violae (Promycetes)

VITIS:

Septoria ampelina (Deuteromycetes)

WISTERIA:

Phomopsis seposita (Deuteromycetes)

ZEALAND:

Nigrospora sphaerica (Deuteromycetes)

ZINGIBER:

Gliomastix convoluta (Deuteromycetes)

Melanospora zamiae (Ascomycetes)

Memnoniella echinata (Deuteromycetes)

ZIZANIA:

Uromyces coronatus (Promycetes)

Ustilago esculenta (Promycetes)

Hosts unknown

CEREAL:

Ustilago tritici (Promycetes)

Countries of origin and diseases

AFGHANISTAN:

Anguina tritici

Sclerotinia trifoliorum

AITUTAKI ISLAND:

Diaporthe citri

ALGERIA:

Septoria timonum

ARGENTINA:

Alternaria citri

Cancrosis "B"

Elsinoe australis

Sorosporium reilianae

AUSTRALIA:

Alternaria dianthi

Gliomastix penicilloides

Gloeosporium affine

Phoma citricarpa

Physalospora orchidearum

Septoria dianthi

Ustilago allii

AZORES:

Heterodera goettingiana

Phomopsis phoenicola

Septoria dianthi

BARBADOS:

Phomopsis capsici

BELGIUM:

Cercospora angrezi

Cercospora handelii

Collectotrichum omnivorum

Coryneum beijerinckii

Fusicoccum galleriellatum

Mycosphaerella clintoniana

Puccinia cichorii

Sclerotinia minor

Septoria azaleae

Thielariopsis basicola

BERMUDA:

Cercospora neriella

Phyllosticta codiaeicola

Phyllosticta nerii

Septoria chrysanthemi

Stemphylium botryosum

BRAZIL:

Alternaria dianthi

Alternaria gypsophillae

Colletotrichum lagenarium

Cytospora chrysosperma

Diaporthe citri

Elsinoe australis

Polyporus occidentalis

Schizophyllum commune

Septobasidium pseudopedicellatum

Septoria dianthi

Septoria posekensis

Uredo behnickiana

BRITISH COLUMBIA

Lophodermium ozyococi

BRITISH GUIANA:

Diplodia theobromae

BRITISH WEST INDIES:

Gloeosporium orchidearum

CANADA:

Colletotrichum lilii

Fusarium oxysporum f. gladioli

Phoma pinicola

CANAL ZONE:

Cercospora musae

Helminthosporium oryzae

CANAL ZONE—Continued

Pestalotia palmarum

CANTON ISLAND:

Phoma citricarpa

CEYLON:

Xanthomonas citri

CHILE:

Puccinia phragmitis

CHINA:

Botrytis elliptica

Colletotrichum lilii

Gliomastix convoluta

Leptothyrium pomi

Melanospora zamiae

Memnoniella echinata

Phaeosphaeria oryzae

Phoma citricarpa

Rhizopus necans

Septoria bambusella

Stilbum incarnatum

Xanthomonas citri

COLOMBIA:

Cercospora musae

Leptosphaeria musarum

Nigrospora sphaerica

Physalospora wildemaniana

Stachylidium theobromae

COSTA RICA:

Cercospora musae

Memnoniella echinata

Metasphaeria caraguata

Stachylidium theobromae

CUBA:

Cercospora malayensis

Curvularia lunata

Diplodia theobromae

Elsinoe phaseoli

Gloeosporium piperatum

Phomopsis capsici

Stachylidium theobromae

CYPRUS:

Alternaria citri

CZECHOSLOVAKIA:

Ustilago perennans

DENMARK:

Aphelenchus aderholdi

Coleosporium senecionis

Diplodina grossulariae

Heterodera goettingiana

Naemacyclus niveus

Pestalotia peregrina

Stemphylium botryosum

DOMINICAN REPUBLIC:

Stachylidium theobromae

ECUADOR:

Stachylidium theobromae

EGYPT:

Hormodendron cladosporioides

Phragmidium disciflorum

Xanthomonas citri

ENGLAND:

Ascochyta pisi

Botrytis gladiolorum

Claviceps microcephala

Coniothyrium olivaceum

Cytospora ambiens

Gliomastix convoluta

Gloeosporium rhododendri

Helminthosporium avenae

Heterodera punctata

Heterodera rostochiensis

Mycosphaerella clintoniana

Mycosphaerella fragariae

Pestalotia macrotricha

Pezizella lythri

Phyllosticta camelliae

Phyllosticta saccardoi

Plasmodiophora brassicae

Puccinia phragmitis

Pucciniastrum myrtilli

Septoria azaleae

Septoria chrysanthemi

Septoria divaricatae

Stemphylium radicum

Vermicularia dematium

FIJI ISLANDS:

Memnoniella echinata

FINLAND:

Thecopsora areolata

FORMOSA:

Phoma citricarpa

FRANCE:

Camellia yellow-spot virus

Cumminsia sanguinea

Cytospora dahliae

Gliomastix convoluta

Leptothyrium pomi

Pezizella lythri

Puccinia allii

Puccinia phragmitis

Sclerotium delphinii

Stemphylium botryosum

GERMANY:

Acrobates ciliatus

Aphelenchus aderholdi

Aphelenchus avenae

Coryneum beijerinckii

Diplodia grossulariae

Fusarium oxysporum f. *gladioli*

Heterodera rostochiensis

Leptosphaeria berberidis

Leptothyrium berberidis

Marsonina populi

Physalospora obtusa

Pseudopeziza medicaginis

Stagonospora berberidina

GREECE:

Sclerotinia kernerii

GUAM:

Botryosphaeria ribis

Gloeosporium catechu

GUATEMALA:

Cercospora musae

Cercospora rosicola

Colletotrichum litii

Cumminsia sanguinea

Diplodia theobromae

Eutypella bambusina

Leptosphaeria musarum

Nigrospora sphaerica

Phyllachora engleri

Phyllosticta laeliae

Stachyliidium theobromae

Uredo anthurii

HAITI:

Mycosphaerella citrullina

HAWAII:

Erobisidium vaccinii

Helminthosporium oryzae

Memnoniella echinata

Phyllosticta draconis

Uromyces alyxiae

HONDURAS:

Cercospora musae

Diplodia theobromae

Stachyliidium theobromae

INDIA:

Chaetomium indicum

Colletotrichum litii

Diplodia paraphysaria

Gloeosporium affine (?)

Gloeosporium beyrodtii

Macrophoma musae

Neovossia indica

Papularia sphaerosperma

Phoma insidiosa

Pyrenochaeta oryzae

Septoria epipactidis (?)

Septoria nodorum

Septoria posekensis

Sorosporium reitiana

Stagonospora graminella

Uromyces fabae

Xanthomonas citri

IRAN:

Anquina tritici

IRAQ:

Anquina tritici

IRELAND:

Heterodera rostochiensis

Pseudopeziza trifolii

ITALY:

Cercospora circumsissa

Cytospora ceratophora

Leptosphaeria rusci

ITALY—Continued

Mycosphaerella maculiformis

Mycosphaerella pomi

Pestalotia nucicola

Phragmidium disciflorum

Phyllosticta ruscicola

Pseudomonas marginata

Puccinia porri

Schizophyllum commune

Sclerotium cepivorum

Septoria castanicola

Septoria citri

Septoria cyclaminis

Septoria pyricola

Septoria unedonis

Tritirachium dependens

Ustilago nuda

Ustilago tritici

Venturia inaequalis var. *cinerascens*

JAMAICA:

Diplodia theobromae

Phytophthora parasitica

JAPAN:

Botrytis elliptica

Colletotrichum litii

Diplodia taxi

Gliomastix convoluta

Gymnosporangium haraeanaum

Helminthosporium oryzae

Lophodermium juniperinum

Memnoniella echinata

Monochaeta paeoniae

Mycosphaerella allicina

Nigrospora sphaerica

Pestalotia cryptomeriae

Phaeosphaeria oryzae

Phoma citricarpa

Phoma japonica

Puccinia chrysanthemi

Puccinia glumarum

Septoria leucanthemi

Septoria oryzae

Uredo autumnalis

Uromyces coronatus

Uromyces lespeziae-procumbentis

Ustilago esculenta

Xanthomonas citri

KENYA:

Phoma insidiosa

KOREA:

Physalospora ilicis

LIBERIA:

Cerebella andropogonis

MEXICO

Alternaria porri

Aphanomyces raphani

Ascochyta lycopersici

Ascochyta pisi

Cercospora musae

Cercospora rosicola

Colletotrichum agaves

Colletotrichum phomoides

Colletotrichum pisi

Curvularia lunata

Cytospora punica

Diplocarpon rosae

Diplodia paraphysaria

Ditylenchus dipsaci

Helminthosporium carposaprum

Helminthosporium oryzae

Heterosporium allii

Hormodendron cladosporioides

Leptosphaeria opuntiae

Mycosphaerella citrullina

Mycosphaerella opuntiae

Mycosphaerella philodendri

Mycosphaerella pinodes

Myrothecium roridum

Omphalia flavida

Orbitia rubella

Peronospora effusa

Pestalotia funerea

Pestalotia inconspicua

Pestalotia microspora

Pestalotia palmarum

Pestalotia psidii

Phyllosticta concava

Countries of origin and diseases—Continued

MEXICO—Continued

Phyllosticta glumarum
Phyllosticta laeliae
Phyllosticta mortoni
Physalospora camptospora
Physalospora cattleyae
Physalospora wildemaniana
Phytophthora cactorum
Prosopidium appendiculatum
Pseudomonas phaseolicola
Pseudomonas solanacearum
Pseudomonas syringae
Septoria ampelina
Septoria leucanthemi
Septoria posekensis
Sphaceloma fawcettii
Stachylidium theobromae
Stagonospora gigantea
Stemphylium botryosum
 "Tomato pox"
Tylenchus putrefaciens
Uredo behnickiana
Uredo oncidii
Uromyces compactus
Xanthomonas vesicatoria

NETHERLANDS:

Acrobelles ciliatus
Ascochyta pisi
Botrytis galanthina
Botrytis gladiolorum
Botrytis tulipae
Coleosporium campanulae
Coniothyrium hellebori
Coniothyrium rhododendri
Coryneum rhododendri
Ditylenchus dipsaci
Ditylenchus sp. (undescribed)
Fusarium oxysporum
Fusarium oxysporum f. *gladioli*
Fusarium oxysporum f. *narcissi*
Fusicladium pyracanthae
Gliomastix convoluta
Karschia lignyota
Lachnum virgineum
Leptosphaeria heterospora
Monilinia fructigena
Mononchus papillatus
Mycosphaerella rhododendri
Papulaspora parasitica
Pestalotia macrotricha
Phomopsis magnoliae
Phomopsis seposita
Phomopsis sorbicola
Phyllosticta aucubicola
Phyllosticta leucothoes
Phyllosticta narcissi
Pseudomonas marginata
Puccinia phragmitis
Rabenhorstia rudis
Septoria azaleae
Septoria chrysanthemi
Stemphylium botryosum
Stemphylium ilicis
Stemphylium radicinum
Thielaviopsis basicola
Trichoderma lignorum
Tylenchorhynchus claytoni
Urocystis colchici
Uromyces polygoni
Ustilago tritici
Volvetella buxi
Volvetella roseolum
Xanthomonas hyacinthi

NEW ZEALAND:

Claviceps purpurea

NICARAGUA:

Cercospora musae

NORWAY:

Diplodina eurhododendri

ORIENT:

Xanthomonas citri

PAKISTAN:

Macrophoma musae

PANAMA:

Cercospora musae
Stachybotrys subsimplex

PANAMA—Continued

Stachylidium theobromae
Stemphylium botryosum

PERU:

Botrytis elliptica
Colletotrichum pisi
Pestalotia conspicua

PHILIPPINES:

Colletotrichum graminicolum
Macrophoma musae
Xanthomonas citri

POLAND:

Elsinoe piri

PORTUGAL:

Ascochyta pisi
Monilinia fructigena
Nigrospora sphaerica
Peronospora pisi
Puccinia arenariae
Septoria citri
Septoria dianthi
Stemphylium botryosum

PUERTO RICO:

Botryosphaeria ribis
Cercospora canescens
Cercospora musae
Colletotrichum cajani
Elsinoe phaseoli
Isariopsis griseola
Puccinia urbaniana
Stachylidium theobromae
Vermicularia dematium

RUMANIA:

Sorosporium reiliania

ST. LUCIA:

Pestalotia palmarum

SALVADOR:

Cercospora musae

SIAM:

Pestalotia conspicua
Xanthomonas citri

SIERRA LEONE:

Stachylidium theobromae

SOUTH AMERICA:

Pestalotia funerea

SPAIN:

Physalospora obtusa

STRAITS SETTLEMENTS:

Xanthomonas citri

SWEDEN:

Curvularia lunata
Cytospora chrysosperma
Puccinia violae

SWITZERLAND:

Septoria cyclaminis
Uromyces limonii

TRINIDAD:

Diplocarpon rosae
Uredo oncidii

TURKEY:

Anguina tritici
Claviceps paspali
Claviceps purpurea
Puccinia glumarum

UNION OF SOUTH AFRICA

Alternaria citri
Ascochyta haworthiae
Heterosporium ornithogali
Laestadia rouzii
Phaeosphaerella senniana
Phoma citricarpa
Pseudomonas marginata
Puccinia ornithogali-thyrsoides

UNKNOWN:

Neorossia horrida
Puccinia violae
Xanthomonas citri

URUGUAY:

Ditylenchus destructor (?)
Elsinoe australis

VENEZUELA:

Cercospora fourcroyae
Coleosporium domingense
Periola hirsuta
Pestalotia conspicua
Physalospora cattleyae

UNITED STATES DEPARTMENT OF AGRICULTURE

AGRICULTURAL RESEARCH ADMINISTRATION

BUREAU OF ENTOMOLOGY AND PLANT QUARANTINE

SERVICE AND REGULATORY ANNOUNCEMENTS

LIST OF INTERCEPTED PLANT PESTS, 1950¹

(List of Pests Recorded During the Period July 1, 1949, to June 30, 1950, Inclusive, as Intercepted in, on, or with Plants and Plant Products Entering United States Territory)

INTRODUCTION

This report, covering the thirty-seventh year for which interception lists have been issued, summarizes the records of insect pests, plant pathogens, and certain other organisms found in, on, or with plants and plant products (1) imported, (2) offered for but refused entry, (3) held as ships' stores, etc., and hence not offered for entry through customs, (4) offered for entry for immediate export or for immediate transportation and exportation in bond, and (5) in domestic shipments between Hawaii and Puerto Rico and the mainland.

In some cases collections made late in the year are included in the report for the following year, since determination cannot be obtained immediately for all of them. Occasionally determinations are delayed for longer periods. The data for this list are obtained from routine reports by personnel of this Bureau, supplemented by information supplied by State and Customs officials. The States of California and Florida maintain staffs of specialists who identify a large proportion of the material collected at their ports. Specialists of the Bureau of Plant Industry, Soils, and Agricultural Engineering determine many of the difficult or unusual pathogens collected at the ports.

All scientific names are reviewed by appropriate specialists in the Department to assure conformance to the international rules of nomenclature.

Although every reasonable effort is made to give the correct origin for all collections listed, the alleged origin of host plant materials cannot be verified in all cases, and where there is reason to doubt the accuracy of the information, the questionable items are either omitted or the origin is listed as unknown.

During the year importations of plant materials continued to arrive in considerable numbers by both surface and air transportation, with the latter means of plant movement continuing to grow in importance. Air passengers' baggage has proved to be an especially frequent avenue of arrival for such serious pests as fruit flies and the golden nematode, which are now able to reach our shores only a few hours after leaving other lands hundreds or even thousands of miles away.

INTERCEPTIONS FROM AIR-BORNE MATERIAL

Plant pests have been intercepted frequently on air-borne plant material in mail, baggage, express, stores, and freight. During the year 3,702 interceptions were made of insects on imported plant parts or as stowaways, and 390 interceptions of plant diseases. Approximately one-fourth of the pathogens were not determinable as to species, but from the evidence, appeared to exhibit little or no risk to the country. A few of the specifically identified parasites are unknown in the United States.

Among the more important insects found in air-borne material were: The citrus blackfly (*Aleurocanthus woglumi*) on *Citrus* sp. leaves in baggage from the Bahamas and Nicaragua; the whitefly, *Aleurothrixus myrtacei*, on gardenia leaf in baggage from Mexico; the Mexican fruit fly (*Anastrepha ludens*) in mango in baggage from

¹ Compiled by W. H. Wheeler, pathologist, Judith Hunt, plant quarantine aid, and P. X. Peltier, entomologist, Division of Plant Quarantines.

Guatemala, in mango in stores from Mexico, in orange in baggage and quarters from Mexico, in orange in baggage and stores from Guatemala, and in sweet lime in baggage from Mexico; the West Indian fruit fly (*A. mombinpraeoptans*) in mango in baggage from Cuba, Dominican Republic, Guatemala, Jamaica, Mexico, Nicaragua, and Salvador, in mango in baggage and mail from Puerto Rico, in a bag containing *Spondias* spp. and guavas in baggage from Brazil, and in yellow mombin in baggage from Guatemala, Nicaragua, Salvador, and Venezuela; *A. mombinpraeoptans* (?) in mango in baggage from the Canal Zone and in a bag which had contained guavas and yellow mombins from Trinidad; *A. serpentina* in sapote in baggage from Salvador; *A. striata* (?) in guava in baggage from Trinidad; *A. suspensa* in bitter almond in baggage from Puerto Rico, in guava in baggage from Cuba, and in guava in baggage and mail from Puerto Rico; an olethreutid, *Argyroplote leucotreta*, in orange in baggage from the Union of South Africa; a carposonid, *Carposina sasakii*, in apple in baggage from Korea; the Mediterranean fruit fly (*Ceratitis capitata*) in *Annona* sp., cherimoya, and loquat in baggage from the Madeira Islands, in apple in baggage from Portugal, in coffee berries in express from Brazil, in fig in baggage from the Azores and Italy, in grapefruit in stores from Cyprus, in guava in baggage from Israel and Portugal, in kumquat in baggage from France, in orange in baggage from the Azores, Italy, and Spain, in orange in stores from the Azores and Portugal, in peach in baggage from the Azores, Portugal, and Syria, in peach in stores from France and Portugal, in pear in baggage from Austria (?), the Azores, Italy, and Portugal, in pear in stores from the Azores, Portugal, and Turkey, in persimmon in baggage from Italy, in quince in baggage from Italy and Portugal, in plum in baggage from the Azores, in pricklypear in baggage from Italy, in strawberry guava in baggage from Portugal, in tangerine in baggage from the Azores, Italy, Malta, Portugal, and Syria, in tangerine in cargo from Spain, and in tangerine in stores from Portugal and Syria (?); *C. capitata* (?) in apricot in baggage from France and Italy, in fig in baggage from France and Lebanon, in mango in baggage from Egypt, in nectarine in baggage from Italy, in orange in stores from French West Africa and Portugal, in peach in baggage from Italy, in pear in baggage from Syria, and in pricklypear in baggage from Spain; the banana root borer (*Cosmopolites sordidus*) in banana root in baggage from Salvador; *Cylas formicarius* in sweetpotato in stores from India; *C. formicarius* var. in sweetpotato in cargo from the Philippines and in sweetpotato in stores from India; four adults of the oriental fruit fly (*Dacus dorsalis*) were intercepted in preflight inspection of airplanes leaving Hawaii for the mainland; immature stages of *D. dorsalis* (?) were intercepted twice in coffee berries in baggage in preflight inspection of airplanes leaving Hawaii for the mainland and once in an avocado in stores from the Philippines; the olive fruit fly (*D. oleae*) in olive in baggage from Italy, Lebanon, Portugal, Saudi Arabia, Spain, and Syria and in olive in cargo from Italy; the rhododendron whitefly (*Dialeurodes chittendeni*) on rhododendron in express from the Netherlands; the Tahitian coconut weevil (*Diocalandra taitensis*) in coconut in baggage, cargo, and mail in preflight inspection of airplanes leaving Hawaii for the mainland; the East Indian bean pod borer (*Maruca testulalis*) in string bean in cargo from British Guiana, in string bean in mail leaving Hawaii for the mainland, in pigeonpea and green herb in mail from Puerto Rico, in leis of *Canavalia* sp. in baggage in preflight inspection of airplanes leaving Hawaii for the mainland, in pigeonpea and string bean in baggage in preflight inspection of airplanes leaving Puerto Rico for the mainland; the tephritid *Myiopardalis pardalina* in snake melon in baggage from Lebanon; the pink bollworm (*Pectinophora gossypiella*) in cottonseed in baggage from Antigua, in cottonseed in cargo from Siam, in cotton boll in baggage from the Virgin Islands, in cottonseed, okra, and seed cotton in baggage in preflight inspection of airplanes leaving Puerto Rico for the mainland; the leaf roller *Polychrosis botrana* in green grapes in baggage from Lebanon; *Rhagoletis alternata* in rose hips in quarters from unknown origin; *R. cerasi* in cherry in baggage from France, Italy, Spain, and Switzerland and in cherry in stores from France, Italy, and Switzerland; *R. cerasi* (?) in cherry in baggage from Greece and in cherry in stores from Sweden; *Serica brunnea* in soil with unidentified plants in baggage from the Netherlands; *S. brunnea* (?) in soil with plants of *Delphinium* sp. in baggage from Sweden; the coffee berry borer (*Stephanoderes hampei*) in coffee beans in baggage from Brazil, in coffee beans in cargo from the Netherlands East Indies, and in coffee beans in quarters from South America.

The more important plant disease organisms found on air-borne material, and not as yet believed to be established in the United States were: *Ascochyta citri* (?) on orange in stores from the Fiji Islands; *Cercospora lythracearum* on pomegranate

in baggage from Puerto Rico; *C. pini-densiflorae* on pine in cargo from China; *Chrysomya rhododendri* on *Rhododendron ferrugineum* in baggage from Austria, Germany, and Switzerland; *Elsinoe australis* on lemon in baggage from Brazil and on orange in stores from Argentina and Brazil; *E. phaseoli* on lima bean in mail from Puerto Rico; *Maraschia hyalospora* on *Acacia confusa* in cargo from China; *Melampsoridium betulinum* on birch in baggage from Finland; *Phyllosticta nigromaculans* on orchid in baggage from the Philippines; *Septoria examinans* on *Ilex pumila* in express from Switzerland; *S. posekensis* on *Miltonia* sp. (orchid) in cargo from Colombia; *Sphaceloma fawcettii* var. *scabiosa* on lemon in quarters from Australia and on lemon in baggage from New Zealand; *Thecopsora areolata* on *Prunus* sp. in baggage from Finland; *Uromyces scillarum* on *Muscari* sp. in baggage from England; and *Xanthomonas citri* on sour lime in baggage, quarters, and stores from India.

Intercepted plant disease organisms found on air-borne material, that are generally of limited distribution in the United States, were *Camellia* yellow spot virus on *Camellia japonica* in express from Italy; *Cercospora neriella* on oleander in cargo from Bermuda; *Curvularia lunata* on gladiolus in cargo from Mexico and on gladiolus in express from French Guinea; *Cycloconium oleaginum* on olive in baggage from Italy; *Helminthosporium oryzae* on rice in baggage from Greece; *Heterodera punctata* in soil in baggage from Germany, in soil with chrysanthemum plants in mail, and in soil with orchid roots in express from England; *H. rostochiensis* in soil on heather plants in baggage from Scotland, in soil on shamrock plants in baggage from Ireland, and in soil with a maidenhair fern plant in baggage from England; *Pseudomonas savastanoi* on an olive twig in baggage from Italy; *Puccinia arenariae* on sweet-william in baggage from the Netherlands; *P. chrysanthemi* on chrysanthemum in cargo from Japan; *Septoria chrysanthemi* on chrysanthemum in express from Japan and the Netherlands, and in cargo from Japan and Mexico; *S. citri* on orange in stores from Australia; and *S. perseae* on avocado in baggage from Guatemala.

NOTES ON INSECTS INTERCEPTED

FRUIT FLIES

The following fruit flies were intercepted: *Anastrepha grandis* in squash in stores from Brazil; the Mexican fruit fly (*A. ludens*) in avocado in baggage from Mexico, in grapefruit in baggage, cargo (in transit for export), and in stores from Mexico, in mamey in baggage from Mexico, in mango in baggage from Guatemala and in mango in baggage, quarters, and stores from Mexico, in orange in baggage and stores from Guatemala and Mexico, and in orange in cargo (in transit for export) and in quarters from Mexico, in peach, pear, sapote, sour orange, and sweet lime in baggage from Mexico, and in the refrigerator of a trailer from Mexico; *A. ludens* (?) in apple, avocado, mango, orange, and pomegranate in baggage from Mexico; the West Indian fruit fly (*A. mombinpraeoptans*) in mango in baggage from Cuba, Dominican Republic, Guatemala, Honduras, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico, and Salvador, in mango in cargo from Mexico and Puerto Rico, in mango in mail from Jamaica and Puerto Rico, in mango in quarters from Cuba, Dominican Republic, Guatemala, Haiti, Honduras, Mexico, Panama, and Puerto Rico, in mango in stores from Costa Rica, Mexico, and Panama, in purple mombin in baggage from Mexico, in yellow mombin in baggage from Guatemala, Mexico, Nicaragua, Salvador, and Venezuela, in yellow mombin in mail from Puerto Rico, and in a bag containing *Spondias* spp. and guavas in baggage from Brazil; *A. mombinpraeoptans* (?) in a bag which had contained guavas and yellow mombins in baggage from Trinidad, in mango in baggage from the Canal Zone, Dominican Republic, Mexico, Nicaragua, and Puerto Rico, in mango in mail from the Virgin Islands, and in mango in quarters from Panama; *A. serpentina* in sapote in baggage from Salvador and in tangerine in stores from Peru; *A. serpentina* (?) in mamey in baggage from Mexico; *A. striata* in guava in baggage from the Dominican Republic and Mexico; *A. striata* (?) in guava in baggage from Ecuador and Trinidad; *A. suspensa* in bitter almond in baggage from Puerto Rico, in guava in baggage from Cuba and Puerto Rico, in guava in mail from Puerto Rico; *A. suspensa* (?) in guava in baggage and mail from Puerto Rico; *Ceratitidis anonae* in avocado in stores from Gold Coast, Africa; the Mediterranean fruit fly (*C. capitata*) in *Annona* sp. in baggage from the Madeira Islands, in apple in baggage from France, Italy, and Portugal, in cherimoya in baggage from the Madeira Islands, in coffee berries in express from Brazil and coffee

berries in mail from Hawaii, in fig in baggage from the Azores and Italy, in grapefruit in stores from the Canary Islands, Cyprus, Egypt, Israel, and Spain, in guava in baggage from Israel and Portugal, in strawberry guava in baggage from Portugal, in kumquat in baggage from France, in lemon in baggage from Italy, in loquat in baggage and mail from the Madeira Islands, in orange in baggage from the Azores, France (?), Italy, and Spain, in orange in cargo and quarters from Italy, in orange in stores from Algeria, the Azores, Egypt, Italy, and Portugal, in peach in baggage from the Azores, Portugal, and Syria, in peach in stores from France and Portugal, in pear in baggage from Austria (?), the Azores, France, Italy, and Portugal, in pear in stores from the Azores, France, Portugal, and Turkey, in persimmon in baggage from Italy, in plum in baggage from the Azores, in pricklypear in baggage from Italy, in quince in baggage from Italy and Portugal, in tangerine in baggage from the Azores, Italy, Malta, Portugal, Spain, and Syria; *C. capitata* (?) in apple in baggage from France, in apricot in baggage from France and Italy, in cactus fruit in baggage from Italy, in coffee berries in baggage from Hawaii, in fig in baggage from France, Italy, and Lebanon, in grapefruit in stores from Cyprus, in mango in baggage from Egypt, in nectarine in baggage from Italy, in orange in stores from French West Africa, Italy, and Portugal, in peach in baggage from Italy, in pear in baggage from Syria, in pear in stores from France, and in pricklypear in baggage from Italy and Spain; the melon fly (*Dacus cucurbitae*) in cucumber in cargo and stores from Hawaii, in sweetbell red pepper and tomato in stores from Hawaii; *D. cucurbitae* (?) in cucumber in stores from Hawaii and in melon in stores from India; the Oriental fruit fly (*D. dorsalis*) in banana in baggage, quarters, and stores from Hawaii, in mango in baggage from Hawaii, in mango in mail from Guam, in *Ochrosia elliptica* in baggage from Hawaii, in pepper, sweetbell red pepper, and tomato in stores from Hawaii, and four adults in preflight inspection of airplanes leaving Hawaii for the mainland; *D. dorsalis* (?) in avocado in stores from the Philippines, in banana in baggage from Hawaii, and in coffee berries in baggage from Hawaii; the olive fruit fly (*D. oleae*) in olive in baggage from Greece, Italy, Lebanon, Portugal, Saudi Arabia, Spain, and Syria, in olive in cargo from Italy, and in olive in mail from Italy and Tripoli; *D. oleae* (?) in olive in baggage and stores from Italy; *Mycipardalis pardalina* in snake melon in baggage from Lebanon; *Rhagoletis alternata* in rose hip in quarters from unknown origin; *R. alternata* (?) in rose hip in cargo from the Netherlands; *R. cerasi* in cherry in baggage from France, Italy, Spain, and Switzerland, in cherry in cargo from Germany, in cherry in mail from Switzerland, and in cherry in stores from France, Germany, Italy, and Switzerland; *R. cerasi* (?) in cherry in baggage from Greece and in cherry in stores from Sweden; *R. pomonella* in apple in baggage and quarters from Mexico; *R. striatella* in husk tomato in baggage from Mexico; the papaya fruit fly (*Toxotrypana curvicauda*) in papaya in baggage from Mexico.

INSECTS OTHER THAN FRUIT FLIES

The following miscellaneous insects of special interest were intercepted: The citrus blackfly (*Aleurocanthus woglumi*) on leaves of *Citrus aurantifolia* in baggage and cargo from Mexico, on leaf of *C. aurantifolia* in stores from Costa Rica, on leaves of *Citrus* sp. in baggage from the Bahamas, Mexico, and Nicaragua, on orange leaf in baggage from Mexico, on sour orange leaf in baggage from Colombia, on tangerine leaf in baggage from Mexico, and on an unknown plant in baggage from Mexico; *Aleurothrixus myrtacei* (Aleyrodidae) on gardenia leaf in baggage from Mexico; a bostrichid, *Bostrychophiles cornutus*, in a wooden crate for veneer in cargo from the Gold Coast; a bruchid, *Bruchidius incarnatus*, a potential pest not established in the United States, in broadbean in baggage from Egypt and Lebanon, in broadbean and lentils in mail from Egypt, and in *Vicia* sp. seed in cargo from Egypt; the Asiatic rice borer (*Chilo simplex*) in rice straw in mail from China, Germany, and Japan, in rice straw in baggage from China, and in rice straw in cargo from China and Japan; *C. simplex* (?) in rice straw in mail from Egypt; "*Chionaspis*" *funtumiae* (Coccidae) on *Alafia* sp. plant in mail from Nigeria; a scolytid, *Coccotrypes pygmaeus*, in *Euterpe badiocarpa* (palm) in baggage from Brazil, in palm seed in cargo from Mexico, and in *Ptychosperma elegans* (solitaire palm) in baggage from Argentina; *Coptotermes formosanus*, a very destructive subterranean termite, in *Aglaonema simplex* in cargo from China and in wooden packing cases in cargo from Hawaii; *C. niger*, another earth-living termite, in a wooden packing case in cargo from Hawaii; the banana root borer (*Cosmopolites sordidus*) in banana roots in baggage from Salvador;

Crepidodera asphaltina (?) (Chrysomelidae) with tomatoes in cargo from Mexico; *Crioceris lili* (Chrysomelidae) in Madonna lily bulb in cargo from France; a curculionid, *Diaprepes abbreviatus* var., with an unidentified plant in mail from Puerto Rico; the Tahitian coconut weevil (*Diocalandra taitensis*) in coconut in baggage, cargo, and mail from Hawaii; a curculionid, *Epicraerus cognatus*, in potato in stores from Mexico; *Gymnandrosoma aurantianum* (Olethreutidae) in orange in quarters from Trinidad and in orange in stores from Brazil; a chrysomelid, *Lema bilineata*, recorded as a pest of tobacco in Argentina and Africa where it has established itself, in an airplane originating in Rio de Janeiro, Brazil; *Leucinodes orbonalis* (?) (Pyraustidae) in eggplant in stores from India; *Palaeopus costicollis* (Curculionidae) in ginger root in mail from Jamaica; the pink bollworm (*Pectinophora gossypiella*) in cotton boll in baggage from Hawaii, Venezuela, and the Virgin Islands, in cotton boll in express from the Gold Coast, in cottonseed in baggage from Antigua, Hawaii, and Mexico, in cottonseed in baggage in preflight inspection of an airplane leaving Puerto Rico for the mainland, in cottonseed in cargo from Egypt, India, Lebanon, Mexico, and Siam, in cottonseed in mail from Hawaii, India, Japan, and Syria, in cottonseed in quarters from Mexico, in seed cotton in baggage from Mexico, in seed cotton in baggage in preflight inspection of an airplane leaving Puerto Rico for the mainland, in seed cotton in cargo from Mexico, in seed cotton in mail from Hawaii and the Philippines, in seed cotton in quarters from Mexico, in okra in baggage in preflight inspection of an airplane leaving Puerto Rico for the mainland, in okra in mail from India, and in okra in stores from Brazil and the Dominican Republic; *Pheidole megacephala* (Formicidae), and important economic species, on gladiolus in baggage from Argentina, on hibiscus and oleander in baggage from Bermuda, on lily bud in cargo from Bermuda, on pineapple in cargo from Cuba, on yam in mail from St. Kitts, and in soil with potted plants in quarters from Honduras; *Prays endocarpa* (Hyponomeutidae) in pummelo in stores from the Philippines; *Sesamia cretica* (Phalaenidae) in corn in baggage from Italy; the coffee berry borer (*Stephanoderes hampei*) in coffee beans in baggage and mail from Brazil, in coffee beans in cargo from Angola and the Netherlands East Indies, and in coffee beans in quarters from South America; the bulb scale mite (*Tarsonemus laticeps*) in narcissus bulbs in mail from England and the Netherlands.

SNAILS

Salvaged military equipment continues to be contaminated with the giant African snail (*Achatina fulica*). Nine shiploads were involved during the year. Two of the contaminated cargoes arrived at New Orleans, La., from Guam and Saipan, five at San Pedro, Calif., from Guam and Saipan, and one at Baltimore, Md., from Saipan. In addition to these, one specimen was taken at Honolulu, Hawaii on a *Dendrobium* orchid leaf from Palau Island.

Other interceptions of snails, not known to occur on the mainland of the United States and injurious to agriculture, were *Bradybaena similaris* on plants of the African daisy and on cuttings of geranium at New York, N. Y., from Bermuda, on cut flowers of carnations and snapdragons at the National Airport, Arlington, Va., from Bermuda, and with *Phaseolus vulgaris* at Philadelphia, Pa., from Bermuda. *Lamellaxis* sp. was taken at San Diego, Calif., in soil around an unknown plant from Algeria and also at Honolulu, Hawaii, in potting material for a *Cypripedium* orchid from India.

NOTES ON DISEASES INTERCEPTED

For the fourth year of the last five, India has contributed the greatest number of interceptions (17) of citrus canker (*Xanthomonas citri*), all on sour limes. China, in second place, contributed 10 canker importations on sweet oranges and 1 on Mandarin orange. From Japan came 8 importations of citrus canker on various citrus species including grapefruit, lemon, Mandarin orange, and pummelo. A second disease of importance to the citrus industry, the sweet orange fruit scab (*Elsinoe australis*) was found 42 times each on lemons and oranges from Argentina and Brazil, twice on Mandarin orange from Brazil, once each on grapefruit and lime from Brazil, and 9 times on *Citrus* spp. from Argentina and Brazil. Canker "B", a disease similar to citrus canker, was intercepted 4 times on lemons from Argentina.

The fungus, *Aphanomyces raphani*, was intercepted on radishes in baggage and cargo from Mexico. From the same country came *Cercospora oryzae* intercepted

on rice carried in baggage. A rust of considerable importance, *Chrysomyxa rhododendri*, was brought into this country on 7 different occasions. Three interceptions were made in mail and baggage from Austria, while two each were made in baggage from Switzerland and Germany. This disease is considered a possible threat, not only to certain rhododendrons, but also to the alternate hosts which are members of the genus *Picea*. Another rust of possible importance, *Gymnosporangium haraeum*, was intercepted on flowering quince in baggage from Japan. The alternate hosts of this rust are species of the genus *Juniperus*. Also of potential importance as a coniferous disease was *Cercospora pini-densiflorae* arriving with a cargo of *Pinus massoniana* from China.

Other organisms of importance were a leaf spot, *Cercospora handelii*, on rhododendron from Belgium and the Netherlands; a fruit- and leaf-spotting fungus, *C. lythracearum*, on pomegranate from Mexico and Puerto Rico; a smut, *Entyloma oryzae*, on rice straw from Mexico; *Helminthosporium oryzae*, causing brown spot of rice, from Cuba, Greece, and Mexico; a rust, *Marasmiella hyalospora*, on *Acacia confusa* from China; a rust, *Melampsoridium betulinum*, on birch from Finland; *Mystrosporium adustum*, known as the ink spot fungus, on netted iris bulbs from the Netherlands; the citrus black spot (*Phoma citricarpa*) on various species of *Citrus* from American Samoa, Australia, China, and Japan, on Mandarin orange from Australia, China, and Japan, and on sweet orange from Australia, Argentina, Brazil, China, Japan, the Philippines, Straits Settlements, Tasmania, and the Union of South Africa; a smut, *Urocystis colchici*, on *Colchicum* sp. from the Netherlands; a smut, *C. gladiolicola*, on gladiolus from the Netherlands; and a rust, *Uromyces holwayi*, on Columbia lily from British Columbia. Certain sclerotial forms of fungi were intercepted including *Sclerotinia bulborum* on fritillary from the Netherlands, *S. minor* on endive from Belgium, and *Sclerotium cepivorum* on garlic from Italy.

Nematodes are becoming increasingly important as plant pests. This is the second year that the golden nematode (*Heterodera rostochiensis*) has been intercepted. The year's total of 82 interceptions came from soil with vegetables in ships' stores and in soil with plant material imported for propagation. The countries from which this very serious potato and tomato pest of Europe arrived were Argentina, Denmark, England, France, Germany, Ireland, the Netherlands, Northern Ireland, Poland, Scotland, Sweden, and Wales. Other nematodes of possible concern reported during the year were: *Aphelenchoides ribes* (?) in soil with lavender plant from England; *A. subtenuis* in orchid iris from the Netherlands and in paper-white narcissus from Italy; *Ditylenchus dipsaci* in summer-hyacinth (*Galtonia candicans*) from the Netherlands; *Heterodera avenae* in soil with fig cuttings from Italy; *Meloidogyne arenaria* in begonia tuber from Belgium; *Tylenchus allii* in garlic from Mexico and Spain; and *T. filiformis* in soil with *Artemisia* sp., *Dianthus* sp., and *Sedum* sp. from Italy.

INCOMPLETELY DETERMINED PESTS

Frequently inspectors find insects or pathogens affecting plant material in such a stage or condition that complete and accurate determination is impracticable or impossible. Some of these insects and pathogens are without doubt new to science, and may be destructive pests. The notes below are given to show the general nature of such incompletely determined interceptions.

INSECTS

Among the incompletely determined insects intercepted were the following fruit flies: *Anastrepha* sp., probably *ludens*, at Laredo, Tex., and San Antonio, Tex., in mango in baggage from Mexico, at Brownsville, Tex., in avocado in baggage from Mexico, and at Laredo, Tex., in pear in baggage from Mexico; *Anastrepha* sp., probably *mombinpraetians*, at Mobile, Ala., in mango in stores from Haiti and in mango in quarters from Trinidad, at Houston, Tex., in mango in baggage from the Canal Zone, and at New York, N. Y., in mango in baggage from Puerto Rico; *Anastrepha* sp. at Miami, Fla., in *Annona* sp. in baggage from Peru, at Laredo, Tex., in apricot in baggage from Mexico, at Miami, Fla., in cherimoya in baggage from Colombia, at Galveston, Tex., in grapefruit in stores from British Honduras, at New York, N. Y., in grapefruit in stores from Brazil, at Miami, Fla., in guava in baggage from Cuba, at New York, N. Y., in guava in baggage from the British West Indies, at El Paso, Tex., in mamey in baggage from Mexico, at Calexico, Calif., in mango in express from Mexico, at Miami,

Fla., in mango in baggage from Colombia, Dominican Republic, and Nicaragua, at Brownsville, Tex., in mango in baggage from Mexico, at San Pedro, Calif., in mango in baggage from Salvador, at Laredo, Tex., in mango in baggage from Mexico, at New York, N. Y., in mango in quarters from Panama and in mango in baggage from Trinidad, at San Juan, P. R., in mango in baggage from the Dominican Republic, at New York, N. Y., in *Spondias* sp. in mail from Puerto Rico, at Hidalgo, Tex., in orange in baggage from Mexico, at Laredo, Tex., in orange in baggage from Mexico, at New York, N. Y., in orange in stores from Brazil, at Laredo, Tex., in pear and quince in baggage from Mexico, at New York, N. Y., in sapodilla and yellow mombin in baggage from Venezuela, at Miami, Fla., in souari nut in baggage from Colombia; two pupae of *Anastrepha* sp. at Laredo, Tex., on the floor of a refrigerator car from Mexico; probably *Anastrepha* sp. at Hidalgo, Tex., in quince in baggage from Mexico; *Dacus* sp., probably *dorsalis*, at Seattle, Wash., in tomatoes in stores from Hawaii; *Dacus* sp. at Boston, Mass., in squash in stores from the Union of South Africa, and at Honolulu, Hawaii in mango in stores from the Philippines; probably *Dacus* sp., not *cucurbitae*, at New York, N. Y., in melon in stores of an airplane arriving from Iraq, Syria, Turkey, Italy, Germany, Belgium, England, and Ireland; probably *Dacus* sp. at Boston, Mass., in pumpkin in stores from the Union of South Africa; *Rhagoletis* sp., probably *cerasi*, at Chicago, Ill., in cherry in baggage from Egypt; *Rhagoletis* sp. at Galveston, Tex., in apple in stores from Mexico and at Laredo, Tex., in apple in baggage from Mexico, at New York, N. Y., in quince in baggage from Italy, at Laredo, Tex., in *Crataegus* sp. in baggage from Mexico; probably a species of *Rhagoletis* at Boston, Mass., in peach in stores from Portugal. Seventy-four interceptions which could not be identified beyond family (Tephritidae) were taken at Baltimore, Md., in grapefruit and orange in stores from Brazil, at Boston, Mass., in cherimoya in baggage from Israel, in apple and guava in baggage from Portugal, in orange and tangerine in stores from Portugal, in orange and plum in baggage from the Azores, in apple in stores from France, in banana in stores from India, in Japanese persimmon in baggage from Italy, and in tangerine in quarters from Lebanon, at Galveston, Tex., in apple in stores from Mexico and Portugal, at Honolulu, Hawaii, in coconut and in natal plum carissa in mail from Hawaii, in apple in stores from Australia, in grapefruit in stores from New Zealand (?), and in peach in stores on an airplane from Fiji and Australia, at Laredo, Tex., in apple, orange, pear, quince, and walnut in baggage from Mexico, at the National Airport, Arlington, Va., in orange in stores from unknown origin, at New Orleans, La., in orange in stores from Brazil, at Newport News, Va., in orange in stores from Brazil, at New York, N. Y., in avocado in baggage from the Gold Coast, in apple in stores from the Azores, in fig in baggage from Argentina, in grape in baggage from Lebanon, in grapefruit and orange in stores from Brazil, in medlar in cargo from Italy, in orange in baggage from Spain, in pear in baggage from Italy, in pear in stores from France and Portugal, in pear in stores from unknown origin (fruit was loaded at Gander, Canada), and in persimmon in baggage from Italy, at Norfolk, Va., in grapefruit in stores from Egypt, at Philadelphia, Pa., in grapefruit in stores from Cyprus, in orange in quarters from Israel, in pepper in stores from the Gold Coast, at San Diego, Calif., in avocado in stores from Hawaii, at San Francisco, Calif., in avocado, banana, coffee berries, mango, and papaya in baggage from Hawaii, in avocado and mango in stores from Hawaii, and in mango in stores from Tahiti, at San Juan, P. R., in guava in baggage in preflight inspection of an airplane leaving Puerto Rico for the mainland, at San Pedro, Calif., in lychee fruit in baggage from Hawaii, in mango in baggage from Salvador, and in tomato in stores from the Philippines; tephritid (?) at Boston, Mass., in the flowers of *Leucospermum nutans* in baggage from the Union of South Africa, at Honolulu, Hawaii in *Citrus aurantifolia* in baggage in preflight inspection of an airplane leaving Hawaii for the mainland, and at New York, N. Y., in fig in baggage from Italy.

The following miscellaneous insects of special interest were intercepted: An aleyrodid, *Aleurodicus*, new genus and new species, at Brownsville, Tex., on *Cattleya citrina* in cargo from Mexico; *Aleurothrixus* sp. (Aleyrodidae), apparently undescribed, at Laredo, Tex., on orange leaf in baggage from Mexico; *Anchonus* sp. (Curculionidae) at Brownsville, Tex., on an orchid plant in cargo from Mexico; a scarabaeid, *Ancylonycha* sp., at Seattle, Wash., in soil around a quince plant in baggage from Japan; *Aspidiotus* sp. (Coccidae), not placed as a described species, at Miami, Fla., on seed of *Dalbergia* sp. in cargo from Netherlands Guiana; a scarabaeid, *Autoserica* sp., in soil around a quince plant in baggage from Japan; *Blastodacna* sp. (Blastodacnidae) on an apple in stores from the Netherlands;

Bruchidius sp., probably *incarnatus* (Boh.) (Bruchidae), a serious pest of cultivated legumes, at New Orleans, La., in vetch seed in cargo from Syria; *Callosobruchus* sp. (Bruchidae) at Washington, D. C., in pigeonpea in mail from India; a curculionid, *Cleonus* sp., at Baltimore, Md., in beet in stores from Portugal and at El Paso, Tex., in turnip in cargo from Mexico; *Conotrachelus* sp. (Curculionidae) at Galveston, Tex., and New York, N. Y., in beet in stores from Peru; an elaterid, *Dalopius* sp., probably *marginatus* L., at Hoboken, N. J., with heather roots in mail from England, with a plant of *Rhododendron indicum* in cargo from Belgium, and at New York, N. Y., in soil with unidentified plants in baggage from Sweden; *Diaspis* sp. (Coccidae), apparently undescribed, at Brownsville, Tex., on avocado in baggage and stores from Mexico; *Eosilla* sp., probably *jacobsoni* Rib., (Psoquilidae), a very destructive species, at San Diego, Calif., under nut cap of coconut in mail from American Samoa; a gelechiid, probably *Gnorimoschema*, an unknown species, but not *operculella* (Zell.) or *plaesiosema* (Turner), which are usually associated with potatoes, at Seattle, Wash., in potato in stores from Peru; *Graphognathus* sp. (Curculionidae) at New York, N. Y., in potato in stores from Argentina; a scolytid, *Ips* sp., probably *typographus* (L.), at Houston, Tex., in pine strips around bales of peat moss in cargo from Germany; *Listroderes* sp. (Curculionidae), not like any species now established in the United States, with plums in cargo from Chile; a curculionid, *Lixus* sp., at Boston, Mass., in beet in stores from Egypt; *Lyonetia* sp., probably *prunifoliella* (Hbn.) (Lyonetiidae) at Boston, Mass., in apple leaf in baggage from Lebanon; a phalaenid, *Naranga* sp., probably *brunnea* Hampson, at Honolulu, Hawaii, in rice straw in mail from Japan; *Nassophasis* sp. (Curculionidae) at Hoboken, N. J., in the pseudobulb of the orchid *Coelogyne ocellata* in mail from India; a scolytid, *Orthotomicus* sp., probably *laricis* (F.), at New Orleans, La., in pine strips around bales of cork in cargo from Portugal; a pentatomid, new genus, new species near *Piezodorus*, at Laredo, Tex., on Bromeliad plant in baggage from Mexico; a curculionid, *Phyllobius* sp., at Seattle, Wash., in soil around a dwarf juniper tree in baggage from Japan; *Phyllodecta* sp., probably *vulgatissima* (L.) (Chrysomelidae), said to attack poplars and willows, at New York, N. Y., with *Tritonia* sp., bulbs in cargo from the Netherlands; *Pilophorus* sp., probably *clavatus* (L.) (Miridae) at New York, N. Y., on an apple in baggage from Italy; *Priophorus* sp., probably *padi* (L.) (Tenthredinidae) at Hoboken, N. J., on *Tilia cordata* in cargo from the Netherlands; a phalaenid, *Prodenia* sp., probably *litura* (F.), at Boston, Mass., on cabbage in stores from Egypt; *Rhynchites* sp. (Curculionidae) at Boston, Mass., in cherries from Portugal and at New York, N. Y., in cherries in stores from France; a bruchid, *Zabrotes* sp., new and probably undescribed, at Portland, Oreg., in seed of *Cassia grandis* in mail from Brazil.

There were 3,908 interceptions distributed among 778 genera, which could be identified to genus only. A total of 219 could be determined to family or subfamily only.

A total of 4,127 incompletely determined insects were intercepted during the year.

DISEASES

Among incompletely determined plant disease fungi collected at the ports of entry during the year were the following suspected pathogens: An Actinomyceete causing stem galls of rhododendron from England; *Ascochyta* sp. on *Cordona anomala* leaf from China; *Cercospora* sp. on cactus from Mexico; *Cercospora* sp. on fern from Guam; *Cercospora* sp. on palm leaf from Mexico; *Coleosporium* sp. on Scotch pine from Germany; *Elsinoe* sp. on rhododendron from the Netherlands; leprosis on sweet orange from Brazil and on *Citrus* sp., probably *sinensis*, from Mexico; *Mycosphaerella* sp. on *Metasequoia glyptostroboides* needles from China; *Phomopsis* sp. on mint from India; *Phyllosticta* sp. on *Metasequoia glyptostroboides* needles from China; *Pseudomonas* sp. on endive from Belgium; *Sclerotium* sp. on *Crocus zonatus*, *Galanthus nivalis plenus*, *Leucojum* sp., *Muscari* sp., and *Narcissus* sp. from the Netherlands, on garlic from the Madeira Islands, on *Galanthus* sp. from Switzerland and Turkey, and on *Narcissus* sp. from France and Italy; *Septoria* sp. on *Anthurium* sp. from Belgium and on lemon from Italy; *Uredo* sp. on leek from England; *Verticillium* sp. on betel palm from Guam, on begonia tuber from the Netherlands, and on pumpkin from Brazil.

Nematode interceptions worthy of mention were: *Aphelenchoides* sp. (undescribed) in corms of colchicum "Lilac Wonder" from the Netherlands; a very interesting new genus and species of the family Aphelenchidae found with sour lime from Mexico; *Helicotylenchus* sp. in soil with the following: Greenhouse plants from England, herbaceous perennials from Germany, English ivy, primula, *Prunus* sp., rose, and Virginia creeper from England; carnation and boxwood from France, carnation cuttings from Italy; *Pratylenchus* sp. (undescribed) in soil with *Begonia* sp., *Artemisia* sp., *Dianthus* sp., *Sedum* sp. from Italy; and *Tylencholaimus* sp. in gladiolus corms from France.

A total of 684 incompletely determined pathogens were recorded during the year.

Geographic summary of interceptions listed in main table and interception totals

Country	Insect	Disease	Country	Insect	Disease
	Number	Number		Number	Number
Africa:			Europe—Continued		
Algeria.....	3	1	Denmark.....	6	5
Angola.....	1	0	England.....	60	60
Belgian Congo.....	1	0	Finland.....	4	2
Canary Islands.....	1	1	France.....	67	14
Egypt.....	20	1	Germany.....	38	25
French Cameroons.....	2	0	Greece.....	24	1
French Guinea.....	0	1	Ireland.....	7	21
French West Africa.....	2	0	Italy.....	403	79
Gold Coast.....	9	2	Malta.....	1	0
Madeira Islands.....	14	0	Netherlands.....	60	135
Morocco.....	1	0	Northern Ireland.....	1	5
Nigeria.....	2	0	Norway.....	10	3
Rhodesia.....	1	0	Poland.....	2	2
Transvaal.....	1	0	Portugal.....	87	1
Tripoli.....	1	0	Scotland.....	13	10
Tunisia.....	2	0	Spain.....	23	3
Union of South Africa.....	22	6	Sweden.....	25	3
Asia:			Switzerland.....	10	3
China.....	17	268	Turkey.....	15	2
Cyprus.....	11	1	Wales.....	0	1
Formosa.....	1	0	Yugoslavia.....	2	2
India.....	36	21	North America:		
Iraq.....	0	1	Bermuda.....	43	3
Israel.....	5	0	Canada.....	7	5
Japan.....	87	130	British Columbia.....	2	1
Korea.....	4	0	Central America:		
Lebanon.....	13	2	Canal Zone.....	73	9
Malaysia.....	1	0	Costa Rica.....	44	43
Pakistan.....	1	1	Guatemala.....	39	25
Saudi Arabia.....	3	1	Honduras.....	21	16
Siam.....	5	2	Nicaragua.....	16	1
Straits Settlements.....	2	2	Panama.....	43	36
Syria.....	26	0	Salvador.....	14	0
Australasia:			Mexico.....	905	185
American Samoa.....	2	1	West Indies.....	2	0
Australia.....	25	21	American Virgin Islands.....	2	0
Batavia.....	1	0	Antigua.....	4	0
Canton Island.....	1	0	Aruba.....	3	0
Ceylon.....	0	1	Bahamas.....	8	0
Fiji Islands.....	0	1	Barbados.....	9	0
Guam.....	13	2	British West Indies.....	5	1
Hawaii.....	180	2	Cuba.....	102	29
Kwajalein.....	2	0	Dominica.....	2	0
Midway Island.....	1	0	Dominican Republic.....	20	4
Netherlands East Indies.....	3	0	Grenada.....	0	1
New Zealand.....	1	2	Haiti.....	17	2
Palau Island.....	1	1	Jamaica.....	26	0
Philippines.....	49	9	Martinique.....	1	1
Saipan.....	7	0	Montserrat.....	1	0
South Pacific.....	1	0	Netherlands West Indies.....	1	0
Tasmania.....	0	2	Nevis.....	1	0
Europe:			Puerto Rico.....	161	16
Austria.....	2	6	St. Kitts.....	5	0
Azores.....	26	1	St. Lucia.....	1	0
Belgium.....	20	31	St. Vincent.....	2	0
Bulgaria.....	1	0	Tahiti.....	2	1
Corsica (?).....	1	0	Trinidad.....	26	0
Czechoslovakia.....	4	1	Virgin Islands.....	4	0

Geographic summary of interceptions listed in main table and interception totals—Con.

Country	Insect	Disease	Country	Insect	Disease
South America:	<i>Number</i>	<i>Number</i>	Total—Continued	<i>Number</i>	<i>Number</i>
Argentina.....	19	36	Europe.....	912	416
Brazil.....	61	74	North America.....	1,612	379
British Guiana.....	4	0	South America.....	179	138
Chile.....	7	0	Unknown.....	16	2
Colombia.....	25	17	Total.....	3,301	1,418
Ecuador.....	11	8	Total incompletely deter-		
Galapagos Islands.....	1	0	mined pests, pp. 6-8.....	4,127	684
Peru.....	5	2	Total insect interceptions.....	7,428	
South America.....	1	0	Total disease interceptions.....		2,102
Venezuela.....	45	1	Grand total.....		9,530
Total:					
Africa.....	83	12			
Asia.....	212	429			
Australasia.....	287	42			

NOTE.—In addition to the countries named above, interceptions were made from Armenia, British Cameroons, British Honduras, Cape Verde Islands, Curacao, Ethiopia, French Guiana, Guadalcanal, Hungary, Iran, Java, Johnston Island, Kenya, Liberia, Luxembourg, Mozambique, Netherlands Guiana, Newfoundland, Oceania, Orient, Pretoria, Sierra Leone, Solomon Islands, Transjordan, Trieste, Uruguay, Wake Island (?), Wales, and West Africa.

List of pests (insects) collected and reported from July 1, 1949, to June 30, 1950 inclusive

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Acalypta parvula</i> (Fall.) (Tingidae):					
<i>Calluna vulgaris</i> (heather).....	Scotland			2	N. J., N. Y.
<i>Acanthoscelides armitagei</i> (Pic) (Bruchidae):					
Bamboo.....	Haiti	1			P. R.
Bean.....	St. Lucia			1	N. J.
<i>Cajanus cajan</i> (pigeonpea).....	American Virgin Islands, British West Indies, Canal Zone, Panama, Puerto Rico, Trinidad.	19		4	N. J., N. Y.
<i>Cajanus</i> sp.....	Canal Zone.....	1			N. J.
Woods moss.....	Belgium			1	N. J.
<i>Acanthoscelides spinipes</i> (Er.) (Bruchidae):					
<i>Acacia farnesiana</i> (sweet acacia).....	France, Greece, Italy, Turkey.			5	D. C., Mich., N. J., N. Y.
<i>Acacia</i> sp.....	Greece			1	N. J.
<i>Achatina fulica</i> (Fer.) (Mollusca):					
<i>Dendrobium</i> sp. (orchid).	Palau Island			1	Hawaii.*
Returned military equipment.....	Guam, Saipan	8			Calif.*, La., Md.
<i>Acrolepia assectella</i> (Zell.) (Hyponomeutidae):					
<i>Allium porrum</i> (leek)	Netherlands		2		N. Y.
Soil with celery	France		1		Va.
<i>Acroleucus vicinalis</i> Dist. (Lygaeidae):					
Orchid.....	Mexico			1	Tex.
<i>Acronicta tridens</i> (Schiff.) (Phalaenidae):					
<i>Crataegus</i> sp.....	Japan			1	Wash.
<i>Acrosternum armiger</i> (Stal) (Pentatomidae):					
<i>Medicago sativa</i> (alfalfa)	Argentina	1			Tex.
<i>Adela viridella</i> (Scop.) (Adelidae):					
Soil and woods moss	France			1	N. J.
<i>Adleria gallae-tinctoriae</i> (Ol.) (Cynipidae):					
Gallnut	Syria	1			N. J.
<i>Adoretus sinicus</i> Burm. (Scarabaeidae):					
Baggage	Hawaii	1			Hawaii.
<i>Adrasius limbatus</i> F. (Elateridae):					
<i>Brassica rapa</i> (turnip)	England		1		Va.
<i>Agalliana ensigera</i> Oman (Cicadellidae):					
<i>Medicago sativa</i> (alfalfa).....	Argentina	1			Tex.

List of pests (insects) collected and reported from July 1, 1949, to June 30, 1950, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Aglossa cuprealis</i> (Hbn.) (Pyralidae):					
<i>Allium sativum</i> (garlic)	Italy	1			N. Y.
<i>Lathyrus odoratus</i> (sweet pea)	Portugal			1	N. Y.
<i>Aleurocanthus woglumi</i> Ashby (Aleyrodidae):					
<i>Citrus aurantifolia</i> (sour lime)	Costa Rica, Mexico	13	1		Ariz., Calif. Tex.
<i>Citrus aurantium</i> (sour orange)	Colombia	1			N. Y.
<i>Citrus reticulata</i> (Mandarin orange)	Mexico	1			Ariz.
<i>Citrus sinensis</i> (orange)	do.	4			Ariz., Tex.
<i>Citrus</i> sp.	Bahamas, Mexico, Nicaragua	5			Calif., Fla., Tex.
Plant	Mexico			1	Tex.
<i>Aleuroglandulus emmae</i> Russell (Aleyrodidae):					
Orchid	do			1	Tex.
<i>Aleurolobus olivinus</i> Silv. (Aleyrodidae):					
<i>Olea europaea</i> (olive)	Cyprus, Italy, Syria	3			N. Y.
<i>Aleuroparadoxus gardeniae</i> Russell (Aleyrodidae):					
<i>Gardenia augusta</i> (gardenia)	Mexico	5			Tex.
<i>Aleuroparadoxus ilicicola</i> Russell (Aleyrodidae):					
<i>Karwinskia humboldtiana</i>	do	1			Tex.
<i>Aleuroplatys ilicis</i> Russell (Aleyrodidae):					
<i>Ilex</i> sp. (holly)	do			1	Tex.
<i>Aleurothrixus floccosus</i> (Mask.) (Aleyrodidae):					
<i>Citrus aurantium</i> (sour orange)	Colombia	1			N. Y.
<i>Psidium guajava</i> (guava)	Jamaica, Mexico	3		1	Fla., Tex.
<i>Aleurothrixus myrtacei</i> Bondar (Aleyrodidae):					
<i>Gardenia augusta</i> (gardenia)	Mexico	1			Tex.
<i>Aleurotrachelus trachoides</i> (Back) (Aleyrodidae):					
<i>Aphelandra sinclairiana</i>	Cuba			1	Fla.
<i>Capsicum frutescens</i> (pepper)	Panama			1	Ala.
Leaf	Cuba	1			Fla.*
<i>Aleyrodes spiraeoides</i> Q. (Aleyrodidae):					
<i>Sibiraea laevigata croatica</i>	British Columbia			1	N. J.
<i>Allantus cinctus</i> (L.) (Tenthredinidae):					
<i>Cornus</i> sp.	Netherlands			1	N. J.
<i>Kerria japonica</i> (kerria)	do			2	N. J.
<i>Alpheias conspurata</i> Hein. (Galleriidae):					
<i>Ananas comosus</i> (pineapple)	Mexico	25			Calif., * Tex.
<i>Gossypium</i> sp. (cottonseed)	do			1	Tex.
<i>Amorbia emigratella</i> Busck (Tortricidae):					
<i>Cattleya</i> sp. (orchid)	Hawaii	1			Hawaii.
<i>Rosa</i> sp.	Mexico	1			Tex.
<i>Amorbia emigratella</i> Busck (?) (Tortricidae):					
<i>Odontoglossum</i> sp. (orchid)	Costa Rica			1	Fla.
<i>Vincentia angustifolia</i> (black sedge)	Hawaii	1			Hawaii.
<i>Anastrepha grandis</i> (Macq.) (Tephritidae):					
<i>Cucurbita mazima</i> (squash)	Brazil			1	Mass.
<i>Anastrepha ludens</i> (Loew) (Tephritidae):					
<i>Citrus aurantifolia</i> (sweet lime)	Mexico	8			Tex.
<i>Citrus aurantium</i> (sour orange)	do	1			Tex.
<i>Citrus paradisi</i> (grapefruit)	do	10		2	Tex.
<i>Citrus sinensis</i> (orange)	Guatemala, Mexico	93	21		Ala., Ariz., Fla., La., Md., N. Y., Tex.
<i>Mammea americana</i> (mamey)	Mexico	1			Tex.
<i>Mangifera indica</i> (mango)	Guatemala, Mexico	19	4		Ariz., Calif., Tex.
<i>Persea americana</i> (avocado)	Mexico	1			Tex.
<i>Prunus persica</i> (peach)	do	4			Tex.
<i>Pyrus communis</i> (pear)	do	2			Tex.
Sapote	do	2			Tex.
Refrigerator of trailer	do			1	Tex.
<i>Anastrepha ludens</i> (Loew) (?) (Tephritidae):					
<i>Citrus sinensis</i> (orange)	do	1			Tex.
<i>Malus sylvestris</i> (apple)	do	2			Tex.
<i>Mangifera indica</i> (mango)	do	1			Tex.
<i>Persea americana</i> (avocado)	do	1			Tex.
<i>Punica granatum</i> (pomegranate)	do	1			Tex.

List of pests (insects) collected and reported from July 1, 1949, to June 30, 1950, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Anastrepha mombinpraetoptans</i> Sein (Tephritidae):					
<i>Citrus sinensis</i> (orange).....	Brazil.....		2		N. Y.
<i>Mangifera indica</i> (mango).....	Costa Rica, Cuba, Dominican Republic, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico, Salvador.....	110	18		Ala., Calif.*, Fla., La., Md., Mass., N. Y., Pa., P. R., Tex.
<i>Spondias mombin</i> (yellow mombin).....	Guatemala, Mexico, Nicaragua, Puerto Rico, Salvador, Venezuela.....	12			Calif.*, La., N. Y., Tex.
<i>Spondias purpurea</i> (purple mombin).....	Mexico.....	1			Tex.
In bag containing guavas and <i>Spondias</i> spp.	Brazil.....	1			N. Y.
Suitecase shakeout.....	Nicaragua.....	1			Calif.*
<i>Anastrepha mombinpraetoptans</i> Sein (?) (Tephritidae):					
In bag containing guavas and yellow mombins.	Trinidad.....	1			N. Y.
<i>Mangifera indica</i> (mango).....	Canal Zone, Dominican Republic, Mexico, Nicaragua, Panama, Puerto Rico, Virgin Islands.....	19	1		Calif.*, Fla.*, Md., N. Y., Pa., P. R., Tex.
<i>Anastrepha serpentina</i> (Wied.) (Tephritidae):					
<i>Citrus reticulata</i> (Mandarin orange).....	Peru.....		1		Tex.
Sapote.....	Salvador.....	1			La.
<i>Anastrepha serpentina</i> (Wied.) (?) (Tephritidae):					
<i>Mammea americana</i> (mamey).....	Mexico.....	1			Tex.
<i>Anastrepha striata</i> Schiner (Tephritidae):					
<i>Psidium guajava</i> (guava).....	Dominican Republic, Mexico.....	3			Ala., Tex.
<i>Anastrepha striata</i> Schiner (?) (Tephritidae):					
<i>Psidium guajava</i> (guava).....	Ecuador, Trinidad.....	2			Calif.*, N. Y.
<i>Anastrepha suspensa</i> (Loew) (Tephritidae):					
<i>Prunus amygdalus amara</i> (bitter almond).....	Puerto Rico.....	1			P. R.
<i>Psidium guajava</i> (guava).....	Cuba, Puerto Rico.....	29			Fla.*, N. Y., P. R.
<i>Anastrepha suspensa</i> (Loew) (?) (Tephritidae):					
<i>Psidium guajava</i> (guava).....	Puerto Rico.....	5			N. Y.
<i>Ancylotomia stercorea</i> (Zell.) (Phycitidae):					
<i>Cajanus cajan</i> (pigeonpea).....	Brazil, British Guiana, Haiti, Puerto Rico, Canal Zone.....	20			Md., N. Y., P. R., Wash.
<i>Pisum sativum</i> (pea).....	Japan.....	1		1	Wash.
<i>Anomala orientalis</i> Wath. (?) (Scarabaeidae):					
Soil around juniper.....	Japan.....			1	Wash.
<i>Antestia variegata lineaticollis</i> (Stal) (Pentatomidae):					
<i>Erica</i> spp.....	Union of South Africa.....	1			N. J.
<i>Protea</i> spp.....	do.....	1			N. J.
<i>Anthomyza cursor</i> (Kieff.) (Anthomyzidae):					
<i>Medicago sativa</i> (alfalfa).....	Argentina.....	1			Tex.
<i>Anthonomus rectirostris</i> L. (Curculionidae):					
<i>Prunus avium</i> (mazzard cherry).....	Germany.....		1		N. J.
<i>Prunus padus</i> (European bird cherry).....	Austria.....		1		N. J.
<i>Antilocoris punctatus</i> (Dist.) (Lygaeidae):					
Orchid.....	Mexico.....		1		Tex.
<i>Antonina sasae</i> Shiraiwa (Coccidae):					
<i>Sasa kurilensis</i> (bamboo).....	Japan.....			1	D. C.
<i>Anuraphis cynariella</i> (Theob.) (Aphidae):					
<i>Cynara scolymus</i> (globe artichoke).....	Italy.....	2			N. Y.
<i>Anuraphis helichrysi</i> (Kltb.) (Aphidae):					
<i>Antirrhinum majus</i> (snapdragon).....	Haiti.....	1			P. R.
<i>Callistephus chinensis</i> (China aster).....	Madeira Islands.....	1			Pa.
<i>Chrysanthemum maximum</i> (Pyrenees chrysanthemum).....	England.....		1		N. J.
<i>Chrysanthemum</i> sp.....	England, Netherlands.....	1		11	N. J., N. Y.

List of pests (insects) collected and reported from July 1, 1949, to June 30, 1950, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Anuraphis helichrysi</i> (Kltb.) (Aphidae)—Con.					
Daisy	Italy	1		1	N. Y.
<i>Dianthus</i> sp. (carnation)	do.	2			N. Y.
<i>Gerbera</i> sp.	Bermuda	1			N. Y.
<i>Mertensia</i> sp. (bluebells)	England			1	N. J.
<i>Myosotis</i> sp. (forgetmenot)	Sweden	1			N. Y.
<i>Papaver</i> sp.	England			1	N. J.
<i>Aonidiella citrina</i> (Coq.) (Coccidae):					
<i>Citrus limon</i> (lemon)	Japan		1		Calif.*
<i>Aonidiella inornata</i> McKenzie (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Guam, Philippines	3			Calif.*
<i>Aphis grossulariae</i> Kltb. (?) (Aphidae):					
<i>Ribes</i> sp. (currant)	Ireland			1	N. Y.
<i>Apion carduorum</i> Kby. (Curculionidae):					
<i>Cynara scolymus</i> (globe artichoke)	France		3		Pa.
<i>Apion carduorum</i> Kby. (?) (Curculionidae):					
<i>Cynara scolymus</i> (globe artichoke)	Italy		1		Va.
<i>Apion carduorum</i> Kby. var. (Curculionidae):					
<i>Cynara scolymus</i> (globe artichoke)	France		1		Pa.
<i>Apion pomonae</i> F. (Curculionidae):					
<i>Vicia</i> sp. (vetch)	Azores	1			Mass.
<i>Araecerus vieillardii</i> Montr. (Anthribidae):					
<i>Ipomoea tuberosa</i> (wood rose)	Hawaii	1			Hawaii.
<i>Arctothelia cataphracta</i> (Shaw) (Coccidae):					
<i>Calluna vulgaris</i> (heather)	England			1	Ill.
<i>Lilium</i> sp. (lily)	Scotland			1	N. J.
Woods moss	Ireland			1	N. J.
<i>Argyresthia conjugella</i> (Zell.) (Hyponomeutidae):					
<i>Malus sylvestris</i> (apple)	Finland, Norway, Sweden.	8			N. Y.
<i>Argyroplote leucotreta</i> Meyr. (Olethreutidae):					
<i>Citrus sinensis</i> (orange)	Union of South Africa	1	1		N. Y., Pa.
<i>Aspidiotus britannicus</i> Newst. (Coccidae):					
<i>Laurus nobilis</i> (Grecian laurel)	England		1		N. Y.
<i>Ruscus aculeatus</i> (butchersbroom)	Italy			1	Calif.*
<i>Aspidiotus coryphae</i> Ckll. & Rob. (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Philippines	2	6		Calif.*
<i>Aspidiotus cryptomeriae</i> Kuw. (Coccidae):					
<i>Abies</i> sp. (fir)	Japan		1		Wash.
<i>Aspidiotus degeneratus</i> (Leon) (Coccidae):					
<i>Gardenia</i> spp.	Philippines	1			Calif.*
<i>Aspidiotus destructor</i> Sign. (Coccidae):					
<i>Annona squamosa</i> (sugar-apple)	Cuba		1		Fla.*
<i>Cocos nucifera</i> (coconut)	Canal Zone, Costa Rica, Ecuador, Mexico, Panama, Philippines.	31	1		Calif.*, Tex.
Orchid	Canal Zone			1	Fla.
<i>Persea americana</i> (avocado)	Haiti			1	Fla.
<i>Aspidiotus diffinis</i> Newst. (Coccidae):					
<i>Persea americana</i> (avocado)	Mexico			1	Tex.
<i>Philodendron</i> sp.	Costa Rica			1	Fla.
<i>Aspidiotus excisus</i> Green (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Philippines	1			Calif.*
<i>Lonicera</i> sp.	Trinidad			2	Ala.
<i>Aspidiotus herculeanus</i> Ckll. & Hadd. (Coccidae):					
<i>Bursera simaruba</i> (?)	Dominican Republic	1			Fla.*
<i>Plumeria</i> sp.	Hawaii			3	Calif.*
<i>Spondias cytherea</i> (golden-apple)	Puerto Rico	1			N. Y.
<i>Spondias mombin</i> (yellow mombin)	do.	1			N. Y.
<i>Aspidiotus palmarum</i> Ckll. (Coccidae):					
<i>Citrus paradisi</i> (grapefruit)	Panama		1		Calif.*
<i>Laurus nobilis</i> (Grecian laurel)	Brazil		1		Fla.*
Leaf	Philippines	1			Hawaii.
Leguminosae	Saipan	1			Hawaii.
<i>Aspidiotus pangensis</i> Doane & Ferris (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Tutuila Island	2			Calif.*
<i>Aspidiotus spiniger</i> Ldgr. (Coccidae):					
<i>Strophanthus glaber</i>	French Cameroons			1	D. C.
<i>Strophanthus</i> sp.	do.			1	D. C.

List of pests (insects) collected and reported from July 1, 1949, to June 30, 1950, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Aspidiotus spinosus</i> Comst. (Coccidae):					
<i>Areca catechu</i> (betel palm).....	Philippines.....	1			Hawaii.
<i>Astrocaryum confertum</i>	Honduras.....			1	D. C.
<i>Carica papaya</i> (papaya).....	Mexico.....	1			Calif.*
<i>Cocos nucifera</i> (coconut).....	do.....		1		Calif.*
<i>Diospyros</i> sp. (persimmon).....	Italy.....		1		N. Y.
<i>Aspidiotus zonatus</i> Frauent. (Coccidae):					
<i>Cerantonis siliqua</i> (carob).....	Tunisia.....			1	D. C.
<i>Ficus carica</i> (fig).....	Italy.....			1	N. Y.
<i>Asterolecanium bambusae</i> (Bdv.) (Coccidae):					
Bamboo.....	Mexico.....	1		1	Calif., Tex.
<i>Asterolecanium epidendri</i> (Bouche) (Coccidae):					
Bromeliad.....	Colombia.....			1	Fla.
<i>Cattleya</i> sp. (orchid).....	Brazil.....			1	Calif.*
<i>Epidendrum</i> sp. (orchid).....	Cuba.....			1	Fla.
<i>Laelia purpurata</i> (orchid).....	Brazil.....			1	N. J.
<i>Oncidium crispum</i> (orchid).....	Colombia.....			1	Calif.*
<i>Oncidium</i> sp.....	do.....			1	Calif.*
Orchid.....	Brazil, Costa Rica, Jamaica, Venezuela.			9	Fla., N. J.
<i>Asterolecanium pustulans</i> Ckll. (Coccidae):					
<i>Heliotropium</i> sp. (heliotrope).....	Panama.....			1	N. J.
<i>Jasminum sambac</i> (?).....	Mexico.....		1		Calif.*
<i>Asterolecanium stentae</i> Brain (Coccidae):					
<i>Caralluma piaranthoides</i>	Rhodesia.....			1	Calif.*
<i>Astyochus setiger</i> Bates (Cerambycidae):					
<i>Guajacum officinale</i> (lignumvitae).....	Guatemala.....	1			N. Y.
<i>Attagenus gloriosae</i> (F.) (Dermestidae):					
<i>Linum</i> sp. (flax).....	Mexico.....	1			Ariz.
<i>Aulacaspis tubercularis</i> Newst. (Coccidae):					
<i>Mangifera indica</i> (mango).....	Cuba, Dominica, Salvador.....	3			Calif.,* Mass., N. Y.
<i>Automeris randa</i> Druce (Saturniidae):					
Orchid.....	Mexico.....			1	Tex.
<i>Bostrychophiles cornutus</i> (Oliv.) (Bostrichidae):					
Wood crate.....	Gold Coast.....	1			Va.
<i>Brachyacma palpigera</i> (Wlsm.) (Gelechiidae):					
<i>Cajanus cajan</i> (pigeonpea).....	Puerto Rico.....	1			P. R.
<i>Brachycerus albidentatus</i> Gyll. (Curculionidae):					
<i>Allium sativum</i> (garlic).....	Italy.....	15	1		N. Y., Pa.
<i>Brachycerus algerus</i> (F.) (Curculionidae):					
<i>Allium sativum</i> (garlic).....	do.....	3			Mich., N. Y.
<i>Brachyrhinus ovatus</i> (L.) (Curculionidae):					
<i>Calluna vulgaris</i> (heather).....	Canada.....			1	Wash.
<i>Dianthus</i> sp. (carnation).....	Denmark.....			1	N. Y.
<i>Rubus</i> sp.....	Canada.....			1	N. J.
<i>Brachyrhinus sulcatus</i> (F.) (Curculionidae):					
Burlap around rhododendron plant.....	Netherlands.....			1	N. J.
<i>Bradybaena similis</i> (Fer.) (Mollusca):					
<i>Dianthus</i> sp. (carnation) & snapdragons.....	Bermuda.....	1			Va.
<i>Lonas annua</i> (African daisy).....	do.....			1	N. Y.
<i>Pelargonium</i> sp. (geranium).....	do.....			1	N. Y.
<i>Phaseolus vulgaris</i>	do.....		1		Pa.
<i>Brochymena aculeata</i> Dist. (Pentatomidae):					
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1			Tex.
<i>Bruchidius aurivillii</i> (Blanc) (Bruchidae):					
<i>Acacia farnesiana</i> (sweet acacia).....	France.....			1	N. J.
<i>Bruchidius gilvus</i> (Gyll.) (Bruchidae):					
<i>Desmodium</i> sp.....	Italy.....			1	Fla.
<i>Hedysarum coronarium</i>	do.....			1	N. Y.
<i>Bruchidius incarnatus</i> Boh. (Bruchidae):					
<i>Lens culinaris</i> (lentil).....	Egypt.....	1			N. Y.
<i>Vicia faba</i> (broadbean).....	Egypt, Lebanon.....	5		1	Md., N. Y., Mass.,
<i>Vicia</i> sp.....	Egypt.....	1			N. Y.
<i>Bruchidius lividimonus</i> (Gyll.) var. (Bruchidae):					
<i>Cytisus scoparius</i> (Scotch broom).....	Italy.....			1	N. J.

List of pests (insects) collected and reported from July 1, 1949, to June 30, 1950,
inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagatation	
<i>Bruchidius quinqueguttatus</i> (Oliv.) (Bruchidae):					
<i>Vicia lutea</i> (yellow vetch)	Turkey			1	D. C.
<i>Vicia sativa</i> (vetch)	Syria			1	D. C.
<i>Bruchus atomarius</i> L. (Bruchidae):					
<i>Vicia faba</i> (broadbean)	Netherlands			1	D. C.
<i>Bruchus azoricus</i> Cr. (Bruchidae):					
<i>Vicia</i> sp.	Azores			1	Mass.
<i>Bruchus brachialis</i> Fahr. (Bruchidae):					
<i>Vicia villosa</i> (hairy vetch)	Turkey			1	D. C.
<i>Bruchus dentipes</i> Baudi (Bruchidae):					
<i>Vicia faba</i> (broadbean)	Cyprus, Lebanon, Syria	5		2	Mass., N. J., N. Y.
<i>Vicia sativa</i> (vetch)	Syria			1	D. C.
<i>Vicia</i> sp.	Syria, Turkey	1		2	La., N. J., Oreg.
<i>Bruchus emarginatus</i> Allard (Bruchidae):					
<i>Pisum sativum</i> (pea)	India			2	D. C.
<i>Bruchus ervi</i> Froel. (Bruchidae):					
<i>Lens culinaris</i> (lentil)	Ireland, Italy, Syria, Turkey	8		3	D. C., N. Y.
<i>Lens</i> sp.	Syria			1	N. J.
<i>Vicia sativa</i> (vetch)	do	1			La.
<i>Bruchus guttalis</i> Rey. (Bruchidae):					
<i>Vicia sativa</i> (vetch)	Azores	2			Mass.
<i>Vicia</i> sp.	Azores, Italy	3			Mass., N. Y.
<i>Bruchus hamatus</i> Mill. (Bruchidae):					
<i>Vicia sativa</i> (vetch)	Turkey			1	N. J.
<i>Vicia</i> sp.	do			1	N. J.
<i>Bruchus lentis</i> Froel. (Bruchidae):					
<i>Lens culinaris</i> (lentil)	Germany, Ireland, Italy	7		1	D. C., N. Y.
<i>Bruchus luteicornis</i> Ill. (Bruchidae):					
Grass packing	France			1	N. J.
<i>Vicia sativa</i> (vetch)	France, Poland	3	1		Ala., La., N. Y., Tex.
<i>Vicia</i> sp.	Azores, France, Ger- many, Italy, Portugal	6	1	1	Md., Mass., N. J., N. Y., Tex.
<i>Bruchus rufipes</i> Hbst. (Bruchidae):					
<i>Vicia faba</i> (broadbean)	Italy	1			N. Y.
<i>Vicia sativa</i> (vetch)	Italy, Syria	2			La.
<i>Vicia</i> sp.	Bulgaria, Italy, Turkey	1		2	Ala., N. Y., Oreg.
<i>Bruchus signaticornis</i> Gyll. (Bruchidae):					
<i>Lens culinaris</i> (lentil)	Italy	5			N. Y.
<i>Vicia monantha</i> (bard vetch)	Spain			1	D. C.
<i>Bruchus tristiculus</i> Fahr. (Bruchidae):					
<i>Lathyrus odoratus</i> (sweet pea)	France, Portugal			2	N. Y.
<i>Lathyrus sativus</i> (grass pea)	Italy, Portugal	1		2	Mass., N. J., N. Y.
<i>Vicia sativa</i> (vetch)	Greece	1			D. C.
<i>Bruchus tristis</i> Boh. (Bruchidae):					
Bean	Azores	1			Mass.
<i>Lathyrus sativus</i> (grass pea)	Italy, Portugal, Turkey	4		6	D. C., Mass., N. J., N. Y.
<i>Lathyrus</i> sp.	Italy	3		1	N. Y.
Legume	do			1	Mass.
Lupine	do	1			N. Y.
<i>Lupinus albus</i> (white lupine)	do	1			Ohio.
<i>Vicia faba</i> (broadbean)	do			1	Md.
<i>Vicia sativa</i> (vetch)	Greece	2			D. C.
<i>Vicia</i> sp.	Turkey			1	N. J.
<i>Bruchus ulicis</i> Muls. (Bruchidae):					
<i>Lens culinaris</i> (lentil)	Italy	2			N. Y.
<i>Vicia ervilia</i> (bitter vetch)	Syria, Turkey			2	D. C.
<i>Vicia</i> sp.	do			2	N. J.
<i>Cacoecia pronubana</i> (Hbn.) (Tortricidae):					
<i>Laurus nobilis</i> (Grecian laurel)	England			7	N. Y.
<i>Callitum rufipenne</i> Mots. (Cerambycidae):					
<i>Diospyros</i> sp. (persimmon)	Japan	1			Hawaii.

List of pests (insects) collected and reported from July 1, 1949, to June 30, 1950, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Callidium violaceum</i> (L.) (Cerambycidae):					
<i>Picea</i> sp. (spruce).....	Finland.....	1			N. Y.
<i>Pinus</i> sp. (pine).....	Germany.....	1			N. Y.
Wood crating.....	Sweden.....	1			Oreg.
<i>Calligrapha argus</i> Stal (Chrysomelidae):					
Bromeliad.....	Mexico.....			1	Tex.
<i>Calligrapha diversa</i> (Stal) (Chrysomelidae):					
Orchid.....	do.....			1	Ariz.
<i>Callosobruchus ademptus</i> (Sharp) (Bruchidae):					
<i>Pueraria thunbergiana</i> (kudzu-bean).....	China, Japan, Korea.....			7	D. C., N. J., N. Y.
<i>Pueraria</i> sp.....	India.....			1	D. C.
<i>Callosobruchus phaseoli</i> (Gyll.) (Bruchidae):					
<i>Dolichos lablab</i> (hyacinth-bean).....	British West Indies, India.....			2	D. C., N. J.
<i>Dolichos</i> sp.....	St. Vincent.....	2			N. Y.
Legume seed.....	Montserrat, Philippines.....	1		1	Mass., Wash.
<i>Callosobruchus pulcher</i> Pic (Bruchidae):					
Legume seed.....	Philippines.....	1			Wash.
<i>Phaseolus angularis</i> (adzuki bean).....	Japan.....	1			Hawaii.
<i>Camaromyia bullans</i> (Wied.) (Tephritidae):					
<i>Xanthium</i> sp. (cocklebur).....	Australia.....	1			Mass.
<i>Capaneus tetricus</i> Stal (Coreidae):					
Orchid.....	Mexico.....			1	Tex.
<i>Capitophorus avellanae</i> Schrank (?) (Aphidae):					
<i>Corylus avellana</i> (filbert).....	Italy.....	1			N. Y.
<i>Capitophorus chrysanthemi</i> Theob. (?) (Aphidae):					
<i>Chrysanthemum</i> sp.....	Netherlands.....			1	N. J.
<i>Carbula marginella</i> (Thunb.) (Pentatomidae):					
<i>Vitis</i> sp. (grape).....	Union of South Africa.....	1			N. Y.
<i>Carposina sasakii</i> Mats. (Carposinidae):					
<i>Malus sylvestris</i> (apple).....	Korea.....	1			Minn.
<i>Caryedon fuscus</i> (Goeze) (Bruchidae):					
<i>Acacia farnesiana</i>	Hawaii.....			1	Hawaii.
<i>Albizia amara</i>	India.....			1	N. J.
<i>Arachis hypogaea</i> (peanut).....	Portugal.....			1	Mass.
<i>Cassia javanica</i> (appleblossom senna).....	Hawaii.....			1	Hawaii.
<i>Cassia</i> sp.....	do.....	2			Hawaii.
<i>Kerstingiella geocarpa</i>	Gold Coast.....			1	D. C.
<i>Ceratitis anonae</i> Grah. (Tephritidae):					
<i>Persea americana</i> (avocado).....	do.....			1	N. Y.
<i>Ceratitis capitata</i> (Wied.) (Tephritidae):					
<i>Annona cherimola</i> (cherimoya).....	Madeira Islands.....	1			N. Y.
<i>Annona</i> sp.....	do.....	1			Mass.
<i>Citrus limon</i> (lemon).....	Italy.....	2			N. Y.
<i>Citrus paradisi</i> (grapefruit).....	Canary Islands, Cyprus, Egypt, Israel, Spain.....			13	Mass., N. Y., Pa., Tex.
<i>Citrus reticulata</i> (Mandarin orange).....	Azores, Italy, Malta, Portugal, Spain, Syria, unknown.....	13	8		La., Mass., N. Y., Va.
<i>Citrus sinensis</i> (orange).....	Algeria, Azores, Egypt, France (?), Italy, Portugal, Spain.....	9	28		La., Mass., N. Y., Pa.
<i>Coffea</i> sp. (coffee).....	Brazil, Hawaii.....	2			Fla.*, Hawaii.
<i>Cydonia oblonga</i> (quince).....	Italy, Portugal.....	4			Mass., N. Y.
<i>Diospyros</i> sp. (persimmon).....	Italy.....	1			Mass.
<i>Eriobotrya japonica</i> (loquat).....	Madeira Islands.....	2			N. Y.
<i>Ficus carica</i> (fig.).....	Azores, Italy.....	2			Mass., N. Y.
<i>Fortunella japonica</i> (kumquat).....	France.....	1			N. Y.
<i>Malus sylvestris</i> (apple).....	France, Italy, Portugal.....	5			Mass., N. Y.
<i>Opuntia compressa</i> (pricklypear).....	Italy.....	7			N. Y.
<i>Prunus domestica</i> (plum).....	Azores.....	2			Mass.
<i>Prunus persica</i> (peach).....	Azores, France, Portugal, Syria.....	4	4		Mass., N. Y.
<i>Psidium guajava</i> (guava).....	Israel, Portugal.....	2			Mass.
<i>Psidium littorale</i> (strawberry guava).....	Portugal.....	1			Mass.

List of pests (insects) collected and reported from July 1, 1949, to June 30, 1950, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Ceratitis capitata</i> (Wied.) (Tephritidae)—Con. <i>Pyrus communis</i> (pear).....	Austria (?), Azores, France, Italy, Portugal, Turkey.	12	8	---	Mass., N. Y.
In package with oranges and tangerines.....	Italy.....	1	---	---	N. Y.
In package with oranges, plums, pears, and grapes.	Portugal.....	---	1	---	Mass.
In package with peaches, pricklypears, and pomegranates.	Italy.....	1	---	---	N. Y.
<i>Ceratitis capitata</i> (Wied.) (?) (Tephritidae):					
Cactus.....	do.....	1	---	---	N. Y.
<i>Citrus paradisi</i> (grapefruit).....	Cyprus.....	---	1	---	N. Y.
<i>Citrus sinensis</i> (orange).....	French West Africa, Italy, Portugal.	1	3	---	Mass., N. Y.
<i>Coffea</i> sp. (coffee).....	Hawaii.....	1	---	---	Calif.*
<i>Ficus carica</i> (fig).....	France, Italy, Lebanon.	3	---	---	N. Y.
<i>Malus sylvestris</i> (apple).....	France.....	1	---	---	N. Y.
<i>Mangifera indica</i> (mango).....	Egypt.....	1	---	---	N. Y.
<i>Opuntia compressa</i> (pricklypear).....	Italy, Spain.....	2	---	---	N. Y.
<i>Prunus armeniaca</i> (apricot).....	France, Italy.....	2	---	---	Mass., N. Y.
<i>Prunus persica</i> (peach).....	Italy.....	2	---	---	N. Y.
<i>Prunus persica nectarina</i> (nectarine).....	do.....	1	---	---	N. Y.
<i>Pyrus communis</i> (pear).....	France, Syria.....	1	2	---	Mass., N. Y.
<i>Ceroplastes denudatus</i> Ckll. (Coccidae):					
<i>Laurus nobilis</i> (Grecian laurel).....	Virgin Islands.....	1	---	---	N. Y.
<i>Ceroplastes rubens</i> Mask. (Coccidae):					
<i>Anthurium</i> sp.....	Hawaii.....	2	---	---	Calif.*
<i>Camellia japonica</i> var.....	Japan.....	---	1	---	Calif.*
<i>Camellia</i> sp.....	do.....	---	1	---	Wash.
<i>Euonymus europaeus</i> (European euonymus).....	do.....	---	1	---	Calif.*
Fern.....	Guam.....	---	1	---	Hawaii.
<i>Lycium chinense</i> (Chinese matrimony-vine).....	Japan.....	---	1	---	Calif.*
<i>Todea barbara</i>	Australia.....	---	1	---	Calif.*
<i>Ceroplastes rusci</i> (L.) (Coccidae):					
<i>Ficus carica</i> (fig).....	Azores, Germany, Greece, Italy.	3	---	3	Fla., Mass., N. Y.
<i>Ceutorhynchus assimilis</i> Payk. (Curculionidae):					
Orchid.....	Unknown.....	1	---	---	Hawaii.
<i>Chaetocnema concinna</i> (Marsh.) (Chrysomelidae):					
Wood moss with <i>Ribes</i> plants.....	Denmark.....	---	---	1	N. J.
<i>Chaetocnema hortensis</i> (Geoff.) (Chrysomelidae):					
<i>Laburnum</i> sp.....	do.....	---	---	1	N. J.
<i>Rhododendron</i> sp.....	England.....	---	---	1	Wash.
<i>Chalcopidius approximatus</i> Er. (Elateridae):					
<i>Gladiolus</i> sp.....	Mexico.....	1	---	---	Tex.
<i>Chelysoma variabilis</i> (H.-S.) (Pentatomidae):					
Cactus.....	do.....	---	---	1	Tex.
<i>Chilo simplex</i> (Btlr.) (Crambidae):					
<i>Oryza sativa</i> (rice).....	China, Germany, Japan.	17	---	---	Calif.,* Fla.,* Hawaii, Ill., La., N. Y., Tex., Wash.
<i>Chilo simplex</i> (Btlr.) (?) (Crambidae):					
<i>Oryza sativa</i> (rice).....	Egypt.....	1	---	---	Pa.
<i>Chionaspis elongata</i> (Green) (Coccidae):					
Bamboo.....	China.....	1	---	---	Calif.*
" <i>Chionaspis</i> " <i>exaltida</i> Ckll. (Coccidae):					
<i>Aloe</i> sp.....	Transvaal.....	---	---	1	Calif.*
" <i>Chionaspis</i> " <i>funtumiae</i> Newst. (Coccidae):					
<i>Alafia</i> sp.....	Nigeria.....	---	---	1	D. C.
<i>Chrysolina americana</i> (L.) (Chrysomelidae):					
<i>Rosmarinus officinalis</i> (rosemary).....	Italy.....	---	1	---	La.
<i>Chrysomphalus inopinatatus</i> (Leon.) (Coccidae):					
<i>Pistacia vera</i> (pistache).....	Lebanon, Syria.....	3	---	---	N. Y.
<i>Pyrus communis</i> (pear).....	Lebanon.....	---	---	2	Mass.

List of pests (insects) collected and reported from July 1, 1949, to June 30, 1950, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Chrysomphalus nigropunctatus</i> (Ckll.) (Coccidae):					
<i>Abies</i> sp. (fir).....	Mexico.....	1			Tex.
<i>Laelia autumnalis</i> (orchid).....	do.....			1	Tex.
<i>Laelia majalis</i>	do.....			1	Tex.
<i>Laelia</i> sp.....	do.....			1	Calif.*
Orchid.....	do.....			1	Ariz.
<i>Chrysomphalus odontoglossi</i> (Ckll.) (Coccidae):					
<i>Acacia</i> sp.....	Galapagos Islands.....		1		Calif.*
Orchid.....	Jamaica.....			1	Fla.
<i>Chrysomphalus personatus</i> (Comst.) (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime).....	Mexico.....		1		Calif.*
<i>Cocos nucifera</i> (coconut).....	Costa Rica, Guatemala.....	2	1		Calif.*
<i>Hyperbaena ilicifolia</i>	Mexico.....	1			Ariz.
<i>Laurus nobilis</i> (Grecian laurel).....	Brazil, Martinique.....	1	1		N. Y., Tex.
<i>Persea americana</i> (avocado).....	Mexico.....			1	Tex.
<i>Chrysomphalus pinnulifera</i> (Mask.) (Coccidae):					
<i>Citrus</i> sp.....	Unknown.....		1		Mass.
<i>Moraea bicolor</i> (yellow moraea).....	India.....			1	Tex.
<i>Chrysomphalus scutiformis</i> (Ckll.) (Coccidae):					
<i>Citrus aurantifolia</i> (lime).....	Mexico.....	1			Calif.*
<i>Citrus</i> sp.....	Nicaragua.....	1			Calif.*
<i>Philodendron</i> sp.....	Mexico.....			1	Tex.
Plant.....	Salvador.....			1	Calif.*
<i>Chrysomphalus sphaeroides</i> (Ckll.) (Coccidae):					
Leaf.....	Mexico.....	2			Tex.
<i>Philodendron</i> sp.....	do.....			3	Tex.
<i>Chrysomphalus tenax</i> (McKenzie) (Coccidae):					
<i>Brassavola nodosa</i> (orchid).....	Jamaica.....			1	N. J.
<i>Cattleya deckeri</i> (orchid).....	Canal Zone.....			1	Calif.*
Orchid.....	Jamaica, Venezuela.....			2	Fla., Tex.
<i>Philodendron</i> sp.....	Guatemala, Mexico.....			2	Fla., Tex.
<i>Chrysomphalus tingi</i> (McKenzie) (Coccidae):					
<i>Cocos nucifera</i> (coconut).....	Costa Rica.....	1			Calif.*
<i>Chrysomphalus umboniferus</i> (Newst.) (Coccidae):					
<i>Cattleya</i> sp. (orchid).....	Venezuela.....			2	N. J.
<i>Chysis</i> sp. (orchid).....	Guatemala.....			1	Tex.
<i>Laelia rubescens</i> (orchid).....	Costa Rica.....			1	Calif.*
<i>Oncidium panamense</i> (orchid).....	Canal Zone.....			1	Hawaii.
<i>Oncidium</i> sp.....	Guatemala.....			1	Tex.
Orchid.....	Guatemala, Honduras, Venezuela.....			4	Fla., N. J., Tex.
<i>Schomburgkia</i> sp. (orchid).....	Mexico.....			1	Tex.
<i>Cletus ochraceus</i> (H.-S.) (Coreidae):					
<i>Vitis</i> sp. (grape).....	Union of South Africa.....	1			N. Y.
<i>Coccotrypes pygmaeus</i> Eichh. (Scolytidae):					
<i>Euterpe badiocarpa</i> (palm).....	Brazil.....			1	N. J.
Palm.....	Mexico.....			1	Tex.
<i>Ptychosperma elegans</i> (solitaire palm).....	Argentina.....			1	N. J.
<i>Coccus pseudohesperidum</i> (Ckll.) (Coccidae):					
<i>Cattleya gaskelliana pallida</i> (orchid).....	Guatemala.....			1	Tex.
<i>Cattleya mossiae</i>	do.....			1	Calif.*
<i>Oncidium</i> sp. (orchid).....	Germany.....			1	N. J.
<i>Coccus viridis</i> (Green) (Coccidae):					
<i>Alpinia purpurata</i>	Hawaii.....	1			Calif.*
<i>Citrus paradisi</i> (grapefruit).....	Bahamas, British West Indies.....	1	1		Fla.,* N. Y.
<i>Citrus</i> sp.....	Bahamas.....	1			Fla.*
<i>Gardenia augusta</i> (gardenia).....	Brazil, Cuba, Dominican Republic, Hawaii, Puerto Rico, Venezuela.....	27		1	Calif.,* Fla.,* Hawaii, N. Y., P. R.
<i>Gardenia</i> sp.....	Hawaii, Philippines.....	2		1	Calif.*
<i>Gomphrena</i> sp.....	Puerto Rico.....	1			P. R.
<i>Isora</i> sp.....	Dominican Republic, Jamaica.....			2	Fla., P. R.
<i>Ligustrum</i> sp.....	Trinidad.....			1	Ala.
Plant.....	Dominican Republic.....			1	P. R.

List of pests (insects) collected and reported from July 1, 1949, to June 30, 1950, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Colaspis inconspicua</i> Jac. (Chrysomelidae): Airplane	Guatemala		1		Tex.
<i>Conchaspis angraeci</i> Ckll. (Coccidae): <i>Catleya mossiae</i> (orchid)	Venezuela		1		D. C.
<i>Oncidium</i> sp. (orchid)	Mexico		1		Tex.
Orchid	Cuba, Trinidad		3		Fla.
<i>Conotrachelus aguacatae</i> Barber (Curculionidae): <i>Persea americana</i> (avocado)	Mexico	178	1		Ariz., Calif.,* Tex.
<i>Conotrachelus perseae</i> Barber (Curculionidae): <i>Persea americana</i> (avocado)	Guatemala, Honduras, Mexico.	6	2		Calif.,* La., Tex.
<i>Copaza lavendera</i> Westw. (Saturniidae): Orchid	Mexico			1	Tex.
<i>Coptotermes formosanus</i> (Shiraki) (Rhinotermitidae): <i>Aglaonema simplex</i> (China green)	China			1	Calif.*
Wooden packing case	Hawaii	1			Wash.
<i>Coptotermes niger</i> Snyder (Rhinotermitidae): Wooden packing case	do	1			Wash.
<i>Corimelaena elegans</i> (McA. & Mall.) (Pentatomidae): Orchid	Mexico			1	Tex.
<i>Cosmopolites sordidus</i> (Germ.) (Curculionidae): <i>Musa paradisiaca sapientum</i> (banana)	Salvador			1	Calif.*
<i>Cossonus canaliculatus</i> (F.) (Curculionidae): <i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Ariz.
<i>Crepidodera asphaltina</i> Suffr. (?) (Chrysomelidae): <i>Lycopersicon esculentum</i>	do	1			Tex.
<i>Crioceris lilii</i> (Scop.) (Chrysomelidae): <i>Lilium candidum</i> (Madonna lily)	France			3	N. Y.
<i>Crocosema plebeiana</i> Zell. (Olethreutidae): <i>Hibiscus esculentus</i> (okra)	Cuba	5			Fla.,* La., N. Y., Tex.
<i>Crophius scabrosus</i> Uhler (Lygaeidae): <i>Centaurea cyanus</i> (bachelors-button)	Mexico	1			Tex.
Orchid	do			2	Ariz., Tex.
<i>Cryphula apicatus</i> (Dist.) (Lygaeidae): <i>Oncidium wentworthianum</i> (orchid)	Guatemala			1	Calif.*
Orchid	do			1	N. J.
<i>Cryptoblabes gnidiella</i> (Mill.) (Phycitidae): <i>Citrus limon</i> (lemon)	Italy	1			N. Y.
<i>Citrus sinensis</i> (orange)	Italy, Spain	2			N. Y.
<i>Punica granatum</i> (pomegranate)	Greece, Israel, Italy, Madeira Islands, unknown.	9			Ill., Mass., N. Y.
<i>Cryptophlebia illepidia</i> (Btlr.) (Olethreutidae): <i>Macadamia</i> sp.	Hawaii	1			Hawaii.
<i>Cryptorhynchus mangiferae</i> F. (Curculionidae): <i>Mangifera indica</i> (mango)	Hawaii, India, Pakistan, unknown.	17	5	1	Calif.,* Hawaii, Mass., N. Y.
<i>Mangifera</i> sp.	Hawaii	1			Calif.*
<i>Cryptotermes brevis</i> (Wlk.) (Kalotermitidae): Bamboo	do	1			Hawaii.
Cardboard carton	Puerto Rico	1			N. Y.
Wood	Barbados, Venezuela	1		1	Mass., N. Y.
<i>Ctenochira cumulata</i> (Boh.) (Chrysomelidae): Orchid	Mexico			1	Tex.
<i>Cylas formicarius</i> (F.) (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato)	India, Philippines	1	1		Calif.,* N. Y.
<i>Cylas formicarius elegantulus</i> (Summers) (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato)	Antigua, Cuba, Dominican Republic, Haiti, Mexico, Puerto Rico.	50	10		Ala., Ga., N. Y., P. R. Tex.

List of pests (insects) collected and reported from July 1, 1949, to June 30, 1950, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Cylas formicarius</i> (F.) var. (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato)-----	Egypt, Formosa, India, Malaysia, Philippines, Straits Settlements, Tahiti.	3	9	---	Calif.,*Hawaii, Mass., N.Y., Wash.
<i>Cylindronotus laevioctostriatus</i> (Goeze) (Tenebrionidae): <i>Sinningia speciosa</i> (gloxinia)-----	Belgium-----	---	---	1	N. J.
<i>Dacus cucurbitae</i> (Coq.) (Tephritidae): <i>Capsicum frutescens grossum</i> (sweetbell red pepper)-----	Hawaii-----	---	1	---	Calif.*
<i>Cucumis sativus</i> (cucumber)-----	do-----	---	4	---	Calif.*
<i>Lycopersicon esculentum</i> (tomato)-----	do-----	---	13	---	Ala., Calif.,* La., Wash.
<i>Dacus cucurbitae</i> (Coq.) (?) (Tephritidae): <i>Cucumis melo</i> (melon)-----	India-----	---	1	---	Mass.
<i>Cucumis sativus</i> (cucumber)-----	Hawaii-----	---	3	---	Calif.*
<i>Dacus dorsalis</i> Hend. (Tephritidae): Airplane-----	do-----	---	3	---	Hawaii.
<i>Capsicum frutescens</i> (pepper)-----	do-----	---	2	---	La.
<i>Capsicum frutescens grossum</i> (sweetbell red pepper)-----	do-----	---	1	---	Calif.*
<i>Lycopersicon esculentum</i> (tomato)-----	do-----	---	2	---	Calif.*
<i>Mangifera indica</i> (mango)-----	Guam, Hawaii-----	3	---	---	Calif.,* Hawaii.
<i>Musa paradisiaca sapientum</i> (banana)-----	Hawaii-----	4	2	---	Calif.*
<i>Ochrosia elliptica</i> -----	do-----	1	---	---	Calif.*
<i>Dacus dorsalis</i> Hend. (?) (Tephritidae): <i>Coffea</i> sp. (coffee)-----	do-----	2	---	---	Hawaii.
<i>Musa paradisiaca sapientum</i> (banana)-----	do-----	2	---	---	Calif.*
<i>Persea americana</i> (avocado)-----	Philippines-----	---	1	---	Hawaii.
<i>Dacus oleae</i> (Gmel.) (Tephritidae): <i>Olea europaea</i> (olive)-----	Greece, Italy, Lebanon, Portugal, Saudi Arabia, Spain, Syria, Tripoli.	51	---	1	Ill., Mass., N.Y., Oreg., Pa.
<i>Dacus oleae</i> (Gmel.) (?) (Tephritidae): <i>Olea europaea</i> (olive)-----	Italy-----	1	1	---	Md., Tex.
<i>Dercynus micromyz</i> Champ. (Curculionidae): <i>Brownia latifolia</i> (broadleaf flamebean)-----	Trinidad-----	---	---	1	Fla.
<i>Diabrotica spectosa</i> (Germ.) (Chrysomelidae): <i>Avena sativa</i> (oat)-----	Argentina-----	1	---	---	Tex.
<i>Dialeurodes chittendeni</i> Laing (Aleyrodidae): <i>Rhododendron</i> sp.-----	Netherlands-----	---	---	1	N. J.
<i>Dialeurodes citri</i> (Ashm.) (Aleyrodidae): <i>Gardenia</i> sp.-----	Philippines (?)-----	---	1	---	Calif.*
<i>Citrus reticulata</i> (Mandarin orange)-----	Japan-----	---	1	---	Calif.*
<i>Citrus</i> sp.-----	Mexico-----	1	---	---	Tex.
<i>Photinia</i> sp.-----	Japan-----	---	---	1	Wash.
<i>Dialeurodes citrifolii</i> (Morg.) (Aleyrodidae): <i>Citrus sinensis</i> (orange)-----	Mexico-----	1	---	---	Tex.
<i>Citrus</i> sp.-----	Bahamas-----	1	---	---	Fla.*
Leaf-----	Mexico-----	1	---	---	Tex.
<i>Dialeurodes kirkaldyi</i> (Kot.) (Aleyrodidae): <i>Gardenia augusta</i> (gardenia)-----	Syria-----	---	---	1	N. J.
<i>Morinda citrifolia</i> -----	Hawaii-----	1	---	---	Calif.*
<i>Murraya paniculata</i> (jasminorange)-----	Siam(?)-----	1	---	---	Hawaii.
<i>Dialeurodes platycus</i> Bondar (?) (Aleyrodidae): <i>Eugenia cauliflora</i> -----	Brazil-----	---	---	1	D. C.
<i>Dialeuropora setigera</i> Takah. (Aleyrodidae): Leaf-----	Philippines-----	1	---	---	Calif.*
<i>Diaprepes abbreviatus</i> L. var. (Curculionidae): Plant-----	Puerto Rico-----	1	---	---	N. Y.
<i>Diaprepes familiaris</i> Oliv. var. (Curculionidae): <i>Nerium oleander</i> (oleander)-----	Bermuda-----	1	---	---	N. Y.
<i>Diaspis miranda</i> (Ckll.) (Coccidae): <i>Phoradendron flavescens</i> (mistletoe)-----	Mexico-----	1	---	---	Tex.
<i>Diatraea magnifacella</i> Dyar (Crambidae): <i>Saccharum officinarum</i> (sugarcane)-----	do-----	1	---	---	Tex.

List of pests (insects) collected and reported from July 1, 1949, to June 30, 1950, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Dicpyphus errans</i> (Wolff) (Miridae):					
<i>Antirrhinum majus</i> (snapdragon).....	Germany.....	1			N. Y.
<i>Dinoderus bifoveolatus</i> (Woll.) (Bostrichidae):					
<i>Cryptomeria</i> sp.....	Japan.....			1	Wash.
<i>Enterolobium timbouwa</i> (timboe).....	Brazil.....	1			N. Y.
<i>Zingiber officinale</i> (ginger).....	Jamaica.....	1			N. Y.
<i>Dinoderus brevis</i> (Horn) (Bostrichidae):					
Bamboo.....	India, Japan, Philip- pines.....	6	1		Hawaii, La., Tex.
<i>Cymbidium</i> sp. (orchid).....	India.....			1	N. J.
Grain.....	do.....			1	S. C.
<i>Juniperus</i> sp. (juniper).....	Japan.....			1	Wash.
<i>Diocalandra taitensis</i> (Guer.) (Curculionidae):					
<i>Cocos nucifera</i> (coconut).....	Hawaii.....	4			Hawaii.
<i>Dione moneta poeyti</i> Btlr. (Nymphalidae):					
<i>Philodendron radiatum</i>	Guatemala.....			1	N. J.
<i>Diorymerellus laevimargo</i> Champ. (Curculionidae):					
Orchid.....	Mexico.....			5	Tex.
<i>Disonycha antennata</i> Jac. (Chrysomelidae):					
<i>Lycopersicon esculentum</i> (tomato).....	do.....	1			Tex.
<i>Disonycha militaris</i> Jac. (Chrysomelidae):					
Airplane.....	Guatemala.....			1	La.
<i>Dizygomyza flavifrons</i> (Mg.) (Agromyzidae):					
<i>Dianthus</i> sp. (carnation).....	Italy.....	1			N. Y.
<i>Drymus assimilis</i> Horvath (Lygaeidae):					
<i>Rhododendron</i> sp.....	England.....			1	Wash.
Woods moss with <i>Ribes</i> plants.....	Denmark.....			1	N. J.
<i>Drymus brunneus</i> (Sahlb.) (Lygaeidae):					
<i>Calluna vulgaris</i> (heather).....	England.....	1			Ill.
<i>Picea abies</i> (Norway spruce).....	Norway.....			1	N. Y.
<i>Rhododendron</i> sp.....	England.....			1	Wash.
<i>Drymus sylvaticus</i> (F.) (Lygaeidae):					
<i>Rhododendron azaleodendron</i>	do.....			1	Wash.
<i>Rhododendron</i> sp.....	do.....			1	Wash.
<i>Dysdercus mimulus</i> Hussey (Pyrrhocoridae):					
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1			Tex.
<i>Dyspessa ulula</i> (Bkh.) (Cossidae):					
<i>Allium sativum</i> (garlic).....	Italy.....	3	1	1	Mass., N. Y.
<i>Elytroteinus subtruncatus</i> (Fairm.) (Curculionidae):					
<i>Cocos nucifera</i> (coconut).....	Hawaii.....	1			Hawaii.
<i>Emesopsis nubilus</i> Uhler (Reduviidae):					
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1			Ariz.
<i>Epicaerus cognatus</i> Sharp (Curculionidae):					
<i>Solanum tuberosum</i> (potato).....	do.....			1	Fla.*
<i>Epicometis hirta</i> (Poda) (Scarabaeidae):					
<i>Cynara scolymus</i> (globe artichoke).....	Tunisia.....			1	Pa.
Soil and woods moss.....	France.....			1	N. J.
<i>Epidiaspis piricola</i> (del Guer.) (Coccidae):					
<i>Malus sylvestris</i> (apple).....	England, Italy, Spain, Sweden.....	5	1		N. Y.
<i>Epinotia lantana</i> Busek (?) (Olethreutidae):					
<i>Lantana aculeata</i>	Bermuda.....			1	N. Y.
<i>Epinotia opposita</i> Hein. (Olethreutidae):					
<i>Phaseolus vulgaris</i> var. (string bean).....	Brazil, Mexico, Peru, Venezuela.....	2	6		N. Y., Pa., Tex.
<i>Ereunetis flavistrata</i> Wlsm. (Tineidae):					
<i>Cocos nucifera</i> (coconut).....	Hawaii.....	1			Hawaii
<i>Ernobius abietis</i> (F.) (Anobiidae):					
<i>Picea</i> sp. (spruce).....	Germany.....	1			N. Y.
<i>Eucalymnatus tessellatus</i> (Sign.) (Coccidae):					
<i>Cocos nucifera</i> (coconut).....	Hawaii.....	1			Hawaii
<i>Gardenia augusta</i> (gardenia).....	Italy, Mexico.....	1		1	N. Y., Tex.
<i>Eumerus strigatus</i> Fall. (Syrphidae):					
<i>Narcissus</i> sp.....	France.....			1	N. Y.
<i>Eumysia stigmella</i> (Dyar) (Phycitidae):					
<i>Echeveria</i> sp.....	Mexico.....			2	Calif.

List of pests (insects) collected and reported from July 1, 1949, to June 30, 1950, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Eurydema oleraceum</i> (L.) (Pentatomidae):	Germany			1	N. J.
<i>Ribes</i> sp.					
<i>Eurygaster maura</i> (L.) (Pentatomidae):	Greece	1			N. Y.
<i>Vitis</i> sp. (grape)					
<i>Eurytoma cynipsea</i> Boh. (Eurytomidae):	do.	1			N. Y.
<i>Salvia</i> sp. (sage)					
<i>Eurytoma onobrychidis</i> Nik. (Eurytomidae):	Turkey			1	D. C.
<i>Onobrychis</i> sp.					
<i>Eurytoma orchidearum</i> (Westw.) (Eurytomidae):	Brazil, Colombia, Venezuela.			5	Fla.
<i>Cattleya</i> sp. (orchid)	Trinidad.			1	N. J.
<i>Epidendrum bicornutum</i> (orchid)	Brazil, Colombia, Trinidad, Venezuela.			6	Fla.
Orchid					
<i>Euscepes postfasciatus</i> (Fairm.) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)	Barbados, Brazil, Hawaii, Puerto Rico, Tahiti, Venezuela, Virgin Islands, West Indies.	10	6		Hawaii, La., Mass, N. Y., P. R., Tex., Va.
<i>Euzesta annonae</i> F. (Otitidae):					
<i>Zea mays</i> (corn)	British Guiana		1		Ala.
<i>Euzesta notata</i> (Wied) (Otitidae):					
<i>Dianthus</i> sp. (carnation)	Bermuda	1			Va.
<i>Everes comyntas</i> (Godart) (Lycaenidae):					
<i>Phaseolus vulgaris</i> var. (string bean)	Mexico	1			Ariz.
<i>Evergestis forficalis</i> (L.) (Pyraustidae)					
<i>Brassica oleracea capitata</i> (cabbage)	England, Italy		3		Ala., S. C., Tex.
<i>Evergestis rimosalis</i> (Gn.) (Pyraustidae):					
<i>Rorippa nasturtium aquaticum</i> (watercress)	Mexico	1			Tex.
<i>Erosoma tusitanica</i> (L.) (Chrysomelidae):					
<i>Muscari comosus</i> (cipollino)	Italy	1			N. Y.
<i>Rosmarinus officinalis</i> (rosemary)	do.		1		N. Y.
<i>Erptochiomera albomaculata</i> (Dist.) (Lygaeidae):					
<i>Ananas comosus</i> (pineapple)	Mexico	1			Tex.
<i>Cucumis melo cantalupensis</i> (cantaloupe)	do.	1			Ariz.
<i>Cucurbita maxima</i> (squash)	do.	1			Tex.
Orchid	Guatemala			1	N. J.
<i>Persea americana</i> (avocado)	Mexico	1			Tex.
<i>Solanum tuberosum</i> (potato)	do.	1			Tex.
<i>Zea mays</i> (corn)	do.	2			Tex.
<i>Erptochiomera oblonga</i> (Stal) (Lygaeidae):					
<i>Cucurbita</i> sp. (Italian squash)	do.	1			Calif.*
<i>Lycopersicon esculentum</i> (tomato)	do.	2			Ariz.
Orchid	do.			1	Tex.
<i>Ferrisia virgata</i> (Ckll.) (Coccidae):					
<i>Brassavola nodosa</i> (orchid)	Guatemala			1	Calif.*
<i>Codiaeum</i> sp. (croton)	Philippines		1		Wash.
<i>Dendrobium</i> spp. (orchid)	do.			1	Calif.*
<i>Gossypium</i> sp. (cotton)	Salvador, Venezuela	1		1	La., N. Y.
<i>Graptophyllum scriptum</i>	Philippines			1	Calif.*
<i>Karwinskia humboldtiana</i>	Mexico	1			Tex.
<i>Lonicera</i> sp. (honeysuckle)	India		1		N. Y.
<i>Manihot esculenta</i> (cassava)	Panama			1	Calif.*
<i>Philodendron</i> sp.	Philippines			1	Calif.*
Plant	Canton Island, Philippines.			2	Hawaii.
<i>Polianthes tuberosa</i> (tuberose)	Guatemala			1	La.
<i>Fiorinia phantasma</i> Ckll. & Rob. (Coccidae):					
Leaf	Philippines	1			Hawaii.
<i>Frankliniella cubensis</i> Hood (Thripidae):					
<i>Chrysanthemum</i> sp.	Bermuda	1			N. Y.
<i>Fosa</i> sp.	Cuba	1			Tex.
<i>Frankliniella difficalis</i> Hood (Thripidae):					
<i>Nerium oleander</i> (oleander)	Bermuda			1	N. Y.

List of pests (insects) collected and reported from July 1, 1949, to June 30, 1950, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Frankliniella insularis</i> (Frankl.) (Thripidae):					
<i>Antirrhinum majus</i> (snapdragon)	Haiti	2			P. R.
<i>Citrus</i> sp.	Bermuda	1			N. Y.
<i>Coccolobis</i> sp.	do.		1		N. Y.
<i>Gardenia augusta</i> (gardenia)	Puerto Rico	1			P. R.
<i>Gladiolus</i> sp.	Haiti	2			P. R.
<i>Hibiscus</i> sp.	Bermuda	5	1		N. Y.
<i>Iris</i> sp.	do.	1			N. Y.
<i>Lilium</i> sp.	do.	1			Mass.
<i>Nerium oleander</i> (oleander)	do.	1		1	N. Y.
<i>Passiflora</i> sp.	do.	4	1		Mass., N. Y.
<i>Rosa</i> sp.	Dominican Republic	1			P. R.
<i>Frauenfeldiella jelinekii</i> (Frñd.) (Aleyrodidae):					
<i>Viburnum</i> sp.	Greece			1	N. Y.
<i>Fulvius brevicornis</i> Reuter (Miridae):					
<i>Cedrela</i> sp.	Costa Rica	1			La.
<i>Lilium candidum</i> (Madonna lily)	France			1	N. J.
<i>Fundella pellucens</i> (Zell.) (Phycitidae):					
<i>Cajanus cajan</i> (pigeonpea)	Puerto Rico	2			P. R.
<i>Phaseolus vulgaris</i> var. (string bean)	Aruba	1			N. Y.
<i>Furcaspis biformis</i> (Ckll.) (Coccidae):					
<i>Brassavola</i> sp. (orchid)	Canal Zone			2	Fla.
<i>Catasetum viridiflorum</i> (orchid)	do.			1	Calif.*
<i>Cattleya citrina</i> (orchid)	Mexico			1	Calif.*
<i>Cattleya deckeri</i>	Canal Zone			1	Calif.*
<i>Cattleya gigas</i>	Colombia			1	Calif.*
<i>Cattleya</i> sp.	Canal Zone, Colombia, Guam, Puerto Rico, Venezuela.			7	Calif.* Fla., N. J.
Cutting	Hawaii			1	Calif.*
<i>Epidendrum atropurpureum</i> (orchid)	Canal Zone			3	N. J., Tex.
Fern	Mexico	1			Ariz.
<i>Oncidium</i> sp. (orchid)	Canal Zone, Colombia, Venezuela.			3	Calif.* N. J., Tex.
Orchid	Brazil, British Guiana, Canal Zone, Colombia, Costa Rica, Hawaii, Panama, Trinidad, Venezuela.		1	26	Calif.* Fla., N. J., N. Y., P. R.
Plant	Venezuela			1	N. J.
Pseudobulb	Canal Zone			1	Calif.*
<i>Vanda</i> sp. (orchid)	Hawaii			1	Calif.*
<i>Furcaspis oceanica</i> Ldgr. (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Kwajalein			1	Hawaii.
<i>Galerucella lineola</i> (F.) (Chrysomelidae):					
Woods moss with shrubs	Norway			1	N. J.
<i>Gastrodes pacificus</i> (Prov.) (Lygaeidae):					
<i>Picea</i> sp. (spruce)	Canada	1			Wash.
<i>Gelasma illitratata</i> (Wlk.) (Geometridae):					
<i>Oryza sativa</i> (rice)	Korea		1		Wash.
<i>Gelechia ericetella</i> (Hbn.) (Gelechiidae):					
<i>Calluna vulgaris</i> (heather)	Scotland	3			Ill., Mass.
<i>Genopaschia protomi</i> Dyar (?) (Galleriidae):					
<i>Ananas comosus</i> (pineapple)	Cuba	1			N. Y.
<i>Gerstaeckeria mutillaria</i> (Gerst.) (Curculionidae):					
<i>Coryphantha erecta</i> (cactus)	Mexico			1	Tex.
<i>Gnorimoschema gudmannella</i> (Wlsm.) (Gelechiidae):					
<i>Capsicum frutescens</i> (pepper)	Cuba, Mexico	8			Ariz., N. Y.
<i>Capsicum frutescens grossum</i> (sweetbell red pepper)	Mexico, Puerto Rico	2			Ariz., P. R.
<i>Capsicum frutescens longum</i> (chilli pepper)	Mexico	5			Calif., Tex.
<i>Lycopersicon esculentum</i> (tomato)	Bahamas		1		N. Y.
<i>Gortyna flavago</i> (Schiff.) (Phalaenidae):					
<i>Cynara scolymus</i> (globe artichoke)	France		1		N. Y.
<i>Gracilaria azaleella</i> Brants (Gracilariidae):					
<i>Rhododendron indicum</i> (indica azalea)	Belgium			1	N. J.
<i>Rhododendron</i> sp.	Netherlands			5	N. J., Wash.

List of pests (insects) collected and reported from July 1, 1949, to June 30, 1950, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Grapholitha packardii</i> (Zell.) (Olethreutidae): <i>Prunus persica</i> (peach)	Mexico	1			Tex.
<i>Gymnandrosoma aurantianum</i> DaCosta Lima (Olethreutidae): <i>Citrus sinensis</i> (orange)	Brazil, Trinidad		2		La.
<i>Haplothrips bagnalli</i> (Tryb.) (Phlaeothripidae): <i>Ornithogalum thyrsoides</i> (chinkerichee)	Union of South Africa	4			D. C., N. Y.
<i>Haplothrips cottei</i> (Vuillet) (Phlaeothripidae): <i>Dianthus</i> sp. (carnation)	Greece, unknown	2	3		Ill., Mass.
<i>Haplothrips gowdeyi</i> (Frankl.) (Phlaeothripidae): <i>Anemone</i> sp.	Bermuda	1			N. Y.
<i>Antirrhinum majus</i> (snapdragon)	Haiti	2			P. R.
<i>Armeria</i> sp. (statice)	Hawaii	1			Calif.*
<i>Aster</i> sp.	Haiti	1			P. R.
<i>Canavalia</i> sp.	Hawaii	1			Calif.*
<i>Dahlia</i> sp.	Bermuda	1			N. Y.
Flowers	Haiti	1			P. R.
Leaf	Hawaii	1			Calif.*
<i>Nerium oleander</i> (oleander)	Bermuda	1			Mass.
<i>Hebrus pusillus</i> (Fall) (Hebriidae): <i>Convallaria majalis</i> (lily-of-the-valley)	Germany			1	N. Y.
<i>Heilipus parvulus</i> Boh. (Curculionidae): <i>Phoebe porosa</i> (imbuya phoebe)	Brazil			1	Fla.
<i>Hemimene juliana</i> (Curt.) (Olethreutidae): <i>Castanea</i> sp. (chestnut)	Italy	1			N. Y.
<i>Heterobostrychus aequalis</i> (Waterh.) (Bostrichidae): <i>Khaya</i> sp.	Gold Coast	1			N. Y.
Wood	Gold Coast, India	4			N. Y., Va.
<i>Heterobostrychus brunneus</i> (Murray) (Bostrichidae): Wood	Gold Coast	1			La.
<i>Heterogaster urticae</i> (F.) (Lygaeidae): <i>Bryophyllum</i> sp.	France			1	N. Y.
<i>Heterotermes convexinatus</i> (Snyder) (Rhino-termitidae): <i>Jasminum</i> sp.	Canal Zone			1	Calif.*
<i>Heterotermes tenuis</i> (Hagen) (Rhino-termitidae): <i>Musa paradisiaca sapientum</i> (banana)	Panama			1	Ala.
<i>Homothrips distinctus</i> Bagn. (Thripidae): <i>Protea cynaroides</i> (honeypot protea)	Union of South Africa	1			N. Y.
<i>Homotoma ficus</i> (L.) (Psyllidae): <i>Ficus carica</i> (fig)	Italy			1	N. Y.
<i>Hyalopopplus pellucidus</i> (Stal) (Miridae): Airplane	Hawaii		1		Calif.*
<i>Ilytesinus frazini</i> (Panz.) (Scolytidae): <i>Fraxinus</i> sp. (ash)	England	1			Mass.
<i>Hylurgops palliatus</i> (Gyll.) (Scolytidae): <i>Pinus</i> sp. (pine)	Belgium, Germany	9			La., N. Y.
<i>Hypera fasciculata</i> (Hbst.) (Curculionidae): <i>Brassica oleracea capitata</i> (cabbage)	Portugal	2			N. Y.
<i>Hypoborus ficus</i> Er. (Scolytidae): <i>Ficus carica</i> (fig)	Syria	1			N. Y.
<i>Icerya littoralis</i> Kkll. (Coccidae): <i>Carica papaya</i> (papaya)	Mexico		1		Calif.*
<i>Iphiclus podatirius</i> (L.) (Papilionidae): <i>Pyrus communis</i> (pear)	Italy	1			Ill.
<i>Ips combrae</i> (Heer) (Scolytidae): <i>Pinus</i> sp. (pine)	Netherlands	1			Ala.
<i>Ips interstitialis</i> (Eichh.) (Scolytidae): <i>Ipomoea jicama</i> (jicama)	Mexico	1			Tex.
<i>Ips typographus</i> (L.) (Scolytidae): <i>Pinus</i> sp. (pine)	Czechoslovakia, Germany	5			La., N. Y.

List of pests (insects) collected and reported from July 1, 1949, to June 30, 1950, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Iridomyrmex humilis</i> Mayr (Formicidae):					
<i>Antirrhinum majus</i> (snapdragon)	Portugal			1	N. Y.
<i>Aster</i> sp.	Bermuda	1			N. Y.
<i>Begonia</i> sp.	Portugal	1			N. Y.
<i>Brassica oleracea capitata</i> (cabbage)	Italy, Portugal	1	1		N. Y.
<i>Dahlia</i> sp.	Portugal			1	N. Y.
<i>Dianthus</i> sp. (carnation)	Italy	3			N. Y.
<i>Diospyros</i> sp. (persimmon)	do.	1			N. Y.
<i>Eriobotrya japonica</i> (loquat)	Azores	1			N. Y.
<i>Ficus carica</i> (fig)	Italy		1		N. Y.
<i>Gerbera</i> sp.	Bermuda	1			N. Y.
<i>Gladitius</i> sp.	Italy, Portugal	1		2	Mass., N. Y.
<i>Lathyrus odoratus</i> (sweet pea)	Portugal		1		N. Y.
<i>Leucadendron argenteum</i> (silver-fir)	Union of South Africa	1			N. Y.
<i>Lilium</i> sp. (lily)	Azores, France		2		Mass., N. J.
<i>Mathiola</i> sp. (stock)	Portugal		1		N. Y.
<i>Mimosa</i> sp.	Italy	2			N. Y.
Orchid	Madeira Islands	3			N. Y.
Palm	Portugal	1			N. Y.
Plant	do.	1			Mass.
<i>Protea cynarioides</i> (honeypot protea)	Union of South Africa	1			N. Y.
<i>Protea reftera</i>	do.	1			N. Y.
<i>Protea</i> sp.	do.	1			N. Y.
<i>Prunus domestica</i> (plum)	Portugal	1			N. Y.
<i>Rosa</i> sp.	do.	1			N. Y.
<i>Saccharum officinarum</i> (sugarcane)	Mexico, Portugal	2			N. Y., Tex.
Soil	Azores, Italy	1		2	Mass., N. Y.
<i>Strelitzia</i> sp.	Italy	2			Pa.
<i>Thamnochortus dichotomus</i>	Union of South Africa	1			N. Y.
<i>Tritonia</i> sp.	Portugal		1		N. Y.
<i>Vitis</i> sp. (grape)	Chile, Union of South Africa	4			N. Y.
<i>Iridomyrmex iniquus</i> Mayr (Formicidae):					
<i>Cattleya</i> spp. (orchid)	Brazil			1	N. J.
<i>Oncidium</i> sp. (orchid)	Guatemala			1	N. J.
<i>Peristeria</i> sp. (orchid)	do.			1	N. J.
<i>Iridomyrmex leucomelas</i> Von Ihering (Formicidae):					
Orchid	Brazil			1	P. R.
<i>Jadera sanguinolenta</i> (F.) (Coreidae):					
Automobile	Mexico	1			Tex.
<i>Kaloterms immigrans</i> Snyder (Kalotermitidae):					
Wood	Panama	1			Va.
<i>Kaloterms snyderi</i> Light (Kalotermitidae):					
<i>Cedrus</i> sp. (cedar)	Bermuda	1			Md.
<i>Kleidocerys godmani</i> Dist. (Lygaeidae):					
Orchid	Mexico			1	Tex.
<i>Lampetia equestris</i> (F.) (Syrphidae):					
<i>Allium sativum</i> (garlic)	Chile		1		N. Y.
<i>Brassica rapa</i> (turnip)	Sweden		1		N. Y.
<i>Leucojum vernum</i> (spring snowflake)	Netherlands			1	Mass.
<i>Leucojum</i> sp.	do.			1	N. Y.
<i>Muscari comosum</i> (cipollino)	Italy, Morocco	2			N. Y.
<i>Narcissus nanus</i>	Netherlands			2	Mass.
<i>Narcissus triandrus</i>	do.			1	Mass.
<i>Narcissus</i> sp.	England, France, Netherlands			24	Calif.,* Ill., Mass., Mich., Minn., N. J., N. Y., Pa.
<i>Lampides boeticus</i> (L.) (Lycaenidae):					
<i>Canavalia</i> sp.	Hawaii	7			Calif.*

List of pests (insects) collected and reported from July 1, 1949, to June 30, 1950, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Laspeyresia splendana</i> (Hbn.) (Olethreutidae): <i>Castanea</i> sp. (chestnut)	Azores, England, France, Greece, Italy, Japan, Madeira Islands, Portugal, Spain, Switzerland.	133	1	---	Calif.,* Ill., Mass., N. J., N. Y., Oreg., Pa., Tex., Va.
<i>Mespilus germanica</i> (medlar)	Italy	1	---	---	N. Y.
<i>Laspeyresia strobilella</i> (L.) (Olethreutidae): <i>Picea</i> sp. (spruce)	Germany	1	---	---	N. Y.
<i>Lecanium coryli</i> (L.) (Coccidae): <i>Sorbus sargentiana</i> (sargent mountain-ash)	England	---	---	1	N. J.
<i>Lechriops psidii</i> Mshll. (Cureulionidae): <i>Psidium guajava</i> (guava)	Puerto Rico	2	---	---	N. Y., P. R.
<i>Lema bilineata</i> Germ. (Chrysomelidae): Airplane	Unknown	---	1	---	P. R.
<i>Leperisinus frazini</i> (Panz.) (Scolytidae): <i>Fraxinus</i> sp. (ash)	England	1	---	---	N. Y.
<i>Lepidosaphes chinensis</i> Chamb. (Coccidae): <i>Camellia japonica</i>	Japan	---	---	1	Calif.*
<i>Lepidosaphes conchiformis</i> (Gmel.) (Coccidae): <i>Diospyros</i> sp. (persimmon)	Japan	1	---	---	Hawaii.
<i>Malus sylvestris</i> (apple)	Japan, Korea	---	2	---	Calif.,* Wash.
" <i>Lepidosaphes</i> " <i>esakii</i> Takah. (Coccidae): <i>Cocos nucifera</i> (coconut)	Guam	1	---	---	Calif.*
<i>Lepidosaphes ficus</i> (Sign.) (Coccidae): <i>Ficus carica</i> (fig)	Greece, Italy	---	---	8	N. J., N. Y.
<i>Lepidosaphes japonica</i> Kuw. (Coccidae): <i>Abies</i> sp. (fir)	Japan	---	1	---	Wash.
<i>Lepidosaphes newsteadi</i> (Sulc.) (Coccidae): <i>Juniperus</i> sp.	Japan	---	---	3	Calif.*
<i>Pinus</i> sp. (pine)	Italy	---	1	---	N. J.
<i>Lepidosaphes pallida</i> (Green) (Coccidae): <i>Juniperus</i> sp.	Japan	---	---	3	Wash.
<i>Lepidosaphes philococcus</i> (Ckll.) (Coccidae)* Cactus	Mexico	---	---	1	Tex.
<i>Opuntia</i> sp. (cactus)	do	---	---	1	Tex.
<i>Lepidosaphes punicea</i> Laing (Coccidae): <i>Vanilla</i> sp. (orehid)	Guam	---	---	1	Calif.*
<i>Lepidosaphes tokionis</i> (Kuw.) (Coccidae): <i>Codiaeum variegatum</i> (croton)	Costa Rica, Hawaii, Mexico, Netherlands, East Indies, Panama, Philippines.	4	1	7	Calif.,* N. J., Wash.
<i>Lepidosaphes tuberculata</i> Malen. (Coccidae): <i>Cymbidium</i> sp. (orchid)	Australia, Belgium, England, India.	1	---	41	Calif.,* Hawaii N. J.
Orchid	Madeira Islands	---	---	1	Mass.
<i>Leptoglossus chilensis</i> Spinola (Coreidae): <i>Vitis</i> sp. (grape)	Chile	4	---	---	N. Y.
<i>Leucaspis cockerelli</i> (de Charmoy) (Coccidae): <i>Citrus aurantifolia</i> (lime)	Canal Zone, Panama	---	2	---	Calif.*
<i>Citrus paradisi</i> (grapefruit)	Honduras	---	1	---	Calif.*
<i>Citrus sinensis</i> (orange)	Canal Zone	---	3	---	Calif.*
<i>Leucaspis indica</i> Marl. (Coccidae): <i>Mangifera indica</i> (mango)	Cuba	---	1	---	Fla.*
<i>Leucaspis loewi</i> Colvée (Coccidae): <i>Pinus halepensis</i> (aleppo pine)	Israel	1	---	---	N. Y.
<i>Pinus</i> sp. (pine)	Italy, Norway	3	---	---	N. Y.
<i>Leucaspis riccae</i> Targ. (Coccidae): <i>Olea europaea</i> (olive)	Greece	1	---	---	N. Y.
<i>Leucaspis signoreti</i> (Targ.) (Coccidae): <i>Pinus nigra poiretiana</i>	Corsica (?)	---	---	1	N. J.
<i>Pinus</i> sp.	France	---	---	1	N. J.
<i>Leucinodes orbonalis</i> Guen. (?) (Pyraustidae): <i>Solanum melongena</i> (eggplant)	India	---	1	---	Mass.
<i>Lichtensia lutea</i> (Ckll.) (Coccidae): <i>Codiaeum variegatum</i> (croton)	Mexico	---	---	1	Calif.*

List of pests (insects) collected and reported from July 1, 1949, to June 30, 1950,
inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Ligyrocoris abdominalis</i> (G.-M.) (Lygaeidae):					
<i>Bromelia pinguin</i> (?)	Mexico			1	Tex.
Orchid	do			3	Tex.
<i>Ligyrocoris aurivilliana</i> (Dist.) (Lygaeidae):					
Agave sp.	do			1	Tex.
<i>Capsicum frutescens grossum</i> (sweetbell red pepper).	do	1			Ariz.
<i>Cucumis melo cantalupensis</i> (cantaloupe)	do	1			Ariz.
<i>Lycopersicon esculentum</i> (tomato)	do	5			Tex.
Orchid	do			2	Tex.
<i>Ligyrocoris nitidicollis</i> (Stal) (Lygaeidae):					
Cactus	do			1	Tex.
<i>Mammea americana</i> (mamey)	do	1			Tex.
Orchid	do			5	Tex.
<i>Tillandsia</i> sp.	do			1	Tex.
<i>Limothrips cerealium</i> Hal. (Thripidae):					
<i>Avena sativa</i> (oat)	Argentina	1			Tex.
<i>Lincus rufospilotus</i> (Westw.) (Pentatomidae):					
<i>Cattleya</i> sp. (orchid)	Colombia			1	N. J.
<i>Lineodes integra</i> (Zell.) (Pyraustidae):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	4			Ariz., Calif., Tex.
<i>Lochmaea suturalis</i> (Thoms.) (Chrysomelidae):					
<i>Calluna vulgaris</i> (heather)	Scotland	1			Ill.
<i>Loxostege helvialis</i> (Wlk.) (Pyraustidae):					
<i>Portulaca</i> sp.	Mexico	1			La.
<i>Loxostege similalis</i> (Guen.) (Pyraustidae):					
<i>Portulaca oleracea</i> (purslane)	do	1			Tex.
<i>Lygaeus circumplcatus</i> Dist. (Lygaeidae):					
<i>Citrus aurantifolia</i> (sour lime)	do	1			Tex.
Orchid	do			1	Tex.
<i>Lygaeus consanguinitus</i> Dist. (Lygaeidae):					
<i>Persea americana</i> (avocado)	do	1			Tex.
<i>Lygaeus teapensis</i> Dist. (Lygaeidae):					
<i>Gossypium</i> sp. (cotton)	do	1			Tex.
<i>Lygaeus vittiscutis</i> Stal (Lygaeidae):					
Orchid	do			2	Tex.
<i>Macropygium reticulare</i> (F.) (Pentatomidae):					
Orchid	do			1	Ariz.
<i>Macrosiphoniella otlonga</i> (Mordv.) (Aphidae):					
<i>Chrysanthemum</i> sp.	Netherlands	1			N. Y.
<i>Mamestra brassicae</i> (L.) (Phalaenidae):					
<i>Brassica oleracea botrytis</i> (cauliflower)	England, France, Netherlands.		3		N. Y.
<i>Brassica oleracea capitata</i> (cabbage)	France, Italy		3		N. Y.
<i>Fragaria</i> sp. (strawberry)	Italy			1	N. Y.
<i>Trifolium repens</i> var. (shamrock)	Ireland	1			N. Y.
<i>Maruca testulalis</i> (Csy.) (Pyraustidae):					
<i>Cajanus cajan</i> (pigeonpea)	Puerto Rico	16			Fla.,* P. R., N. Y.
<i>Canavalia</i> sp.	Hawaii	4		1	Calif.,* Hawaii.
Herb	Puerto Rico	1			N. Y.
<i>Phaseolus lunatus macrocarpus</i> (lima bean)	Cuba	3			N. Y.
<i>Phaseolus vulgaris</i> var. (string bean)	Brazil, British Guiana, Hawaii, Puerto Rico, Venezuela.	3	6		Ala., Calif.,* Fla.,* Hawaii, N. Y., Pa., P. R.
<i>Megastigmus pistaciae</i> Wlk. (Torymidae):					
<i>Pistacia</i> sp. (pistache)	Syria	1			Tex.
<i>Megastigmus suspectus</i> Borries (Torymidae):					
<i>Abies cephalonica</i> (Greek fir)	Italy			1	N. J.
<i>Megophthalmus scanicus</i> (Fall.) (Cicadellidae):					
<i>Trifolium repens</i> var. (shamrock)	Ireland	3			N. Y.
<i>Melolontha melolontha</i> (L.) (Scarabaeidae):					
Airplane	Unknown			1	N. Y.
<i>Metamasius sericeus</i> (Oliv.) (Curculionidae):					
<i>Musa paradisiaca sapientum</i> (banana)	Costa Rica, Ecuador, Panama.	15			Calif.,* La.

List of pests (insects) collected and reported from July 1, 1949, to June 30, 1950, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Metamasius sericeus</i> (Oliv.) var. (Curculionidae): <i>Musa paradisiaca sapientum</i> (banana)	Colombia, Ecuador, Honduras.	5	---	---	N. Y., S. C.
<i>Micrelus ericae</i> Gyll. (Curculionidae): <i>Calluna</i> sp.	Scotland	1	---	---	N. J.
<i>Microplax interrupta</i> Fieber (Lygaeidae): <i>Sedum</i> sp.	Italy	---	---	1	N. Y.
<i>Mimosestes dominicanus</i> (Jek.) (Bruchidae): Airplane	Mexico	---	1	---	Tex.
<i>Caesalpinia coriaria</i> (divi-divi)	Colombia, Dominican Republic, Netherlands West Indies, Trinidad.	5	---	---	N. Y.
<i>Mimosestes sallaei</i> (Sharp) (Bruchidae): <i>Acacia farnesiana</i> (sweet acacia)	Honduras	1	---	---	D. C.
<i>Mitrapysylla albolineata</i> Crawford (Psyllidae): Airplane	Mexico	---	1	---	Tex.
<i>Monomorium destructor</i> (Jerd.) (Formicidae): <i>Phalaenopsis amabilis</i> (orchid)	Philippines	---	---	1	Hawaii.
<i>Saccharum officinarum</i> (sugarcane)	Antigua	1	---	---	P. R.
<i>Moodna bisinuella</i> Hamp. (Phycitidae): <i>Zea mays</i> (corn)	Mexico	9	---	---	Tex.
<i>Mordellistena cattleyana</i> Champ. (Mordellidae): Orchid	Brazil, Mexico	---	---	2	Fla.
<i>Morganella longispina</i> (Morg.) (Coccidae): <i>Citrus paradisi</i> (grapefruit)	Bahamas, Puerto Rico	2	---	---	Calif., Fla.*
<i>Citrus sinensis</i> (orange)	Bahamas	1	---	---	Fla.*
<i>Nerium oleander</i> (oleander)	do	1	---	---	Fla.*
<i>Myelobia smerintha</i> (Hbn.) (Galleriidae): Bamboo	Mexico	1	---	---	Tex.
<i>Myelois ceratoniae</i> Zell. (Phycitidae): <i>Ceratonia siliqua</i> (carob)	Yugoslavia	2	---	---	Calif.*
<i>Punica granatum</i> (pomegranate)	Italy	3	---	---	N. Y.
<i>Myiopardalis pardalina</i> (Big.) (Tephritidae): <i>Cucumis melo flexuosus</i> (snake melon)	Lebanon	1	---	---	N. Y.
<i>Myrmedobia tenella</i> (Zett.) (Microphysidae): <i>Wisteria</i> sp.	Switzerland	---	---	2	N. J.
<i>Myzaphis bucktoni</i> Jacob (?) (Aphidae): <i>Rosa</i> sp.	Mexico	2	---	---	Calif., Tex.
<i>Myzus ascalonicus</i> Doncaster (?) (Aphidae): <i>Allium ascalonicum</i> (shallot)	England	---	---	1	Wash.
<i>Gladiolus</i> sp.	England, Netherlands	---	---	2	N. J., N. Y.
<i>Lilium tigrinum</i> (tiger lily)	Netherlands	---	---	1	N. J.
<i>Nasutitermes corniger</i> (Motsch.) (Termitidae): <i>Swietenia mahagoni</i> (mahogany)	Honduras	1	---	---	La.
<i>Nasutitermes nigriceps</i> (Haldeman) (Termitidae): Orchid	Guatemala	---	1	---	La.
<i>Neolytus cacticus</i> Chevr. (Cerambycidae): <i>Guajacum officinale</i> (lignum vitae)	Guatemala, Nicaragua	4	---	---	Calif.*
Wood	Venezuela	---	2	---	N. J.
<i>Neodryocoetes caribaeus</i> Blkm. (Scolytidae): <i>Vicia faba</i> (broadbean)	Trinidad	---	1	---	Tex.
<i>Neoleucinodes elegantalis</i> (Guen.) (Pyraustidae): <i>Capsicum frutescens</i> (pepper)	Brazil	---	1	---	Tex.
<i>Lycopersicon esculentum</i> (tomato)	Mexico	48	---	---	Tex.
<i>Solanum melongena</i> (eggplant)	do	1	---	---	Tex.
<i>Neoleucon horribilis</i> Dist. (Miridae): <i>Philodendron</i> sp.	do	---	---	1	Tex.
<i>Nephotettix apicalis</i> (Motsch.) (Cicadellidae): In box with orchid leaves	Siam	---	---	1	Hawaii.
<i>Neusteadia floccosa</i> (Deg.) (Coccidae): Woods moss	England	---	---	1	N. J.
<i>Niphona picticornis</i> Muls. (Cerambycidae): <i>Acacia</i> sp.	France	1	---	---	Mass.
<i>Nysius coenosulus</i> Stal (Lygaeidae): Airplane	Hawaii	---	1	---	Hawaï.
<i>Anthurium</i> sp.	do	1	---	---	Hawaii.
<i>Vanda</i> sp. (orchid)	do	1	---	---	Hawaii.

List of pests (insects) collected and reported from July 1, 1949, to June 30, 1950, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Nysius dallasi</i> White (Lygaeidae): Airplane	Hawaii		2		Hawaii.
<i>Nysius delectus</i> White (Lygaeidae): Airplane	do.		1		Hawaii.
<i>Nysius terrestris</i> Usinger (Lygaeidae): Airplane	Hawaii, Midway Island.		3		Hawaii.
<i>Odonaspis greeni</i> Kkll. (Coccidae): <i>Rambusa</i> sp. (bamboo)	Guam			1	Calif.*
<i>Oedionychis decorata</i> (Blanch.) (Chrysomelidae): <i>Prunus domestica</i> (plum)	Chile	1			N. Y.
<i>Oedochea pogonocheroides</i> Serv. (Cerambycidae): <i>Samanea saman</i> (raintree saman)	Brazil	1			N. Y.
<i>Ogdoecosta biannularis</i> (Boh.) (Chrysomelidae): Bromeliad	Mexico			1	Tex.
Orchid	Guatemala			1	Tex.
<i>Orthezia praelonga</i> Dougl. (Coccidae): <i>Casuarina</i> sp. (Australian pine)	Aruba	1			N. Y.
<i>Codiaeum</i> sp. (croton)	do.	1			N. Y.
<i>Ortheziola signoreti</i> (Haller) (Coccidae): Woods moss	France			1	N. J.
<i>Orthochaetes setiger</i> (Beck.) (Curculionidae): <i>Lilium</i> sp. (lily)	England			1	Ill.
<i>Orthotomicus erosus</i> (Woll.) (Scolytidae): <i>Pinus</i> sp. (pine)	Portugal	1			La.
<i>Orthotomicus laricis</i> (F.) (Scolytidae): <i>Pinus</i> sp.	do.	1			La.
<i>Oryzaenrus hyalinipennis</i> (Costa) (Lygaeidae): <i>Gossypium</i> sp. (cotton; boll)	Gold Coast			1	D. C.
<i>Oryzaenrus laetus</i> Kirby (Lygaeidae): <i>Gossypium</i> sp. (cotton; lint)	India			1	D. C.
<i>Oryctolonia jucunda</i> (Fald.) (Scarabaeidae): Soil around dwarf quince tree	Japan			1	Wash.
<i>Orydema longulum</i> (Boh.) (Curculionidae): <i>Heliconia</i> sp.	Hawaii	1			Hawaii.
<i>Ozineus prolixus</i> Melzer (Cerambycidae): Stem	Brazil			1	N. Y.
<i>Ozophora consanguineus</i> (Dist.) (Lygaeidae): Orchid	Mexico			1	Tex.
<i>Pachybrachius nietneri</i> (Dohrn) (Lygaeidae): <i>Litchi chinensis</i> (lychee)	Philippines	1			Hawaii.
<i>Vanda</i> sp. (orchid)	do.			1	Hawaii.
<i>Pachybrachius nigriceps</i> (Dallas) (Lygaeidae): <i>Vanda denisoniana</i> (orchid)	Siam			1	Calif.*
<i>Pachyzancla bipunctalis</i> (F.) (Pyraustidae): <i>Centaurea cyanus</i> (bachelors-button)	Mexico	1			Tex.
<i>Gomphrena dispersa</i>	Puerto Rico	1			P. R.
<i>Pachyzancla periusalis</i> (Wlk.) (Pyraustidae): Weed	do.	1			N. Y.
<i>Palaeopus costicollis</i> Mshl. (Curculionidae): <i>Dioscorea</i> sp. (yam)	Jamaica	1			N. Y.
<i>Zingiber officinale</i> (ginger)	do.	1			N. Y.
<i>Pantomorus godmani</i> (Crotch) (Curculionidae): Airplane	Philippines			1	Hawaii.
<i>Portulaca oleracea</i> (purslane)	Mexico	1			Tex.
<i>Paraleyrodes citricolus</i> Costa Lima (Aleyrodidae): <i>Citrus aurantium</i> (sour orange)	Colombia	1			N. Y.
<i>Gardenia augusta</i> (gardenia)	Mexico	1			Tex.
<i>Paraleyrodes goyabae</i> (Goeldi) (?) (Aleyrodidae): <i>Psidium guajava</i> (guava)	do.	1			Ariz.
<i>Paralellopliposis cattleyae</i> (Moll.) (Itonididae): <i>Cattleya skinneri</i> (orchid)	Canal Zone			1	N. J.
Orchid	Cuba			2	Fla.
<i>Parlatoria camelliae</i> Comst. (Coccidae): <i>Camellia japonica</i> (camellia)	Japan, Mexico	1		2	Calif.*, Ha- wail, Tex.
<i>Camellia</i> sp.	China, Japan, New Zealand.			11	Calif.*

List of pes's (insects) collected and reported from July 1, 1949, to June 30, 1950, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Parlatoria cinerea</i> Hadden (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime)	Brazil, Mexico		5		Calif.*
<i>Citrus limon</i> (lemon)	Brazil		3		Calif.*
<i>Citrus paradisi</i> (grapefruit)	Argentina, Brazil, Cuba		4		Calif.*, Fla.*
<i>Citrus sinensis</i> (orange)	Argentina, Brazil, Mexico, Spain		14		Calif.*, Fla.*
<i>Parlatoria crotonis</i> Dougl. (Coccidae):					
<i>Codiaeum variegatum</i> (croton)	Cuba, Hawaii			2	Calif.*, Va.
<i>Parlatoria morrisoni</i> McKenzie (Coccidae):					
<i>Mangifera indica</i> (mango)	India		1		N. Y.
<i>Nerium oleander</i> (oleander)	Saudi Arabia	1			N. Y.
<i>Parlatoria oleae</i> (Colvee) (Coccidae):					
<i>Cydonia oblonga</i> (quince)	Italy	2			N. Y.
<i>Diospyros</i> sp. (persimmon)	do.	4			N. Y.
<i>Ficus carica</i> (fig)	do.			2	N. J., N. Y.
<i>Malus sylvestris</i> (apple)	Greece, Italy, Lebanon	8	1		N. Y.
<i>Olea europaea</i> (olive)	Greece	1			N. Y.
<i>Pyrus communis</i> (pear)	England, Italy, Spain	1	3	1	Fla.*, N. Y.
<i>Rosa</i> sp.	Greece			2	N. J.
<i>Vitis</i> sp. (grape)	Italy			1	N. Y.
<i>Parlatoria pseudaspidiotus</i> (Ldgr.) (Coccidae):					
<i>Acerides quinquevulnera</i> (orchid)	Philippines			1	Calif.*
<i>Dendrobium infundibulum</i> (orchid)	Siam	1			Calif.*
Orchid	Trinidad			1	Fla.
<i>Vanda teres</i> (orchid)	Batavia, Guam			2	Calif.*, N. J.
<i>Vanda</i> sp. (orchid)	Hawaii, Philippines			5	Calif.*, Hawaii.
<i>Parlatoria theae</i> Ckll (Coccidae):					
<i>Acer</i> sp. (maple)	Japan			1	Calif.*
<i>Euonymus</i> sp.	do.			1	Calif.*
<i>Punica</i> sp.	do.			1	Calif.*
<i>Parlatoria zizyphus</i> (Lucas) (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime)	China		1		Calif.*
<i>Citrus limon</i> (lemon)	Italy	2	11		Calif.*, Pa.
<i>Citrus paradisi</i> (grapefruit)	Egypt		1		Pa.
<i>Citrus reticulata</i> (Mandarin orange)	China, Philippines, Saudi Arabia	3	1		Calif.*, Minn., N. Y.
<i>Citrus sinensis</i> (orange)	Algeria, China, Italy	1	3		Calif.*, Hawaii, Pa.
<i>Citrus</i> sp.	China, Italy		2		Fla.*, N. Y.
<i>Paromius gracilis</i> (Rambur) (Lygaeidae):					
<i>Ornithogalum thyrsoides</i> (chinkerichee)	Union of South Africa	1			N. Y.
<i>Pectinophora gossypiella</i> (Saund.) (Gelechiidae):					
<i>Gossypium</i> sp. (cottonseed)	Antigua, Egypt, Hawaii, India, Japan, Lebanon, Mexico, Puerto Rico, Siam, Syria	16	9	4	Calif.*, D. C., Hawaii, N. Y., Pa., P. R., Tex., Va.
<i>Gossypium</i> sp. (seed cotton)	Hawaii, Mexico, Puerto Rico, Philippines	9	2	1	Hawaii, P. R., Tex.
<i>Gossypium</i> sp. (cotton; boll)	Gold Coast, Hawaii, Venezuela, Virgin Islands	2		2	Calif.*, D. C., N. Y.
<i>Hibiscus esculentus</i> (okra)	Brazil, Dominican Republic, India, Puerto Rico	1	4	1	Ala., D. C., N. Y., Pa., P. R.
<i>Penichora fasciata</i> Steph. (Cerambycidae):					
<i>Allium sativum</i> (garlic)	Italy	1			N. Y.
<i>Perkinsiella saccharicida</i> Kirk. (Delphacidae):					
Airplane	Hawaii			1	Hawaii.
<i>Perkinsiella vastatrix</i> Bredd. (Delphacidae):					
Airplane	South Pacific	1			Hawaii.
<i>Phalonia zephyrana</i> (Treit.) (Phaloniidae):					
<i>Daucus carota</i> (carrot)	France, French West Africa, Germany, Italy	1	4		Md., N. Y.
<i>Phatnoma annulipes concisa</i> Drake (Tingidae):					
Orchid	Mexico			2	Tex.

List of pests (insects) collected and reported from July 1, 1949, to June 30, 1950, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Pheidole megacephala</i> (F.) (Formicidae):					
<i>Ananas comosus</i> (pineapple)	Cuba	2			N. Y.
<i>Dioscorea</i> sp. (yam)	St. Kitts	1			Mass.
<i>Gladiolus</i> sp.	Argentina	1			N. Y.
<i>Hibiscus</i> sp.	Bermuda	2			N. Y.
<i>Lilium</i> sp. (lily)	do	1			N. Y.
<i>Nerium oleander</i> (oleander)	do	1			N. Y.
Soil with potted plants	Honduras		1		Ala.
<i>Phelomerus aberrans</i> (Sharp) (Bruchidae):					
<i>Cassia</i> sp.	Canal Zone, Honduras	3			La.
<i>Phenacaspis aucubae</i> (Cooley) (Coccidae):					
<i>Ilex</i> sp.	Japan			1	Wash.
<i>Phenacaspis sandwicensis</i> Fullaway (Coccidae):					
Araceae	Hawaii			1	Calif.*
<i>Cocos nucifera</i> (coconut)	do	1			Calif.*
<i>Nerium</i> sp.	do	1			Calif.*
<i>Strelitzia reginae</i> (bird-of-paradise-flower)	do	1			Calif.*
<i>Phenacoccus azaleae</i> Kuw. (Coccidae):					
<i>Rhododendron</i> sp.	Japan			1	Hawaii.
<i>Phenacoccus madeirensis</i> Green (Coccidae):					
<i>Mentha</i> sp. (mint)	Madeira Islands	1			Mass.
<i>Ruta</i> sp.	do	2			Mass.
<i>Phloeotribus scarabaeoides</i> (Bern.) (Scolytidae):					
<i>Olea europaea</i> (olive)	Italy			2	N. J., N. Y.
<i>Phlyctinus callosus</i> Boh. (Curculionidae):					
<i>Vitis</i> sp. (grape)	Union of South Africa	1			N. Y.
<i>Phyllotreta atra</i> (F.) (Chrysomelidae):					
<i>Brassica oleracea capitata</i> (cabbage)	Italy		1		N. Y.
<i>Phyllotreta cruciferae</i> (Goeze) (Chrysomelidae):					
<i>Brassica oleracea capitata</i> (cabbage)	do		1		N. Y.
<i>Physonota disjuncta</i> (Chev.) (Chrysomelidae):					
Orchid	Mexico			1	Ariz.
<i>Physorhinus distigma</i> Cand. (Elateridae):					
Orchid	do			1	Tex.
<i>Pieris brassicae</i> (L.) (Pieridae):					
<i>Brassica oleracea botrytis</i> (cauliflower)	Italy		1		N. Y.
<i>Brassica oleracea capitata</i> (cabbage)	France, Portugal		2		Pa.
<i>Foeniculum vulgare</i> (fennel)	Italy			1	N. Y.
<i>Pinnaaspis buxi</i> (Bouche) (Coccidae):					
<i>Arecastrum romanzoffianum</i> (queenpalm)	Brazil			1	D. C.
Bromeliad	Canal Zone			1	Calif.*
<i>Cocos nucifera</i> (coconut)	Panama		2		Calif.*
<i>Dendrobium gracilicaule</i> (orchid)	Australia			1	Calif.*
<i>Howea</i> sp. (palm)	Panama			1	N. J.
<i>Monstera</i> sp.	Antigua			1	Fla.
<i>Philodendron</i> sp.	Brazil, Hawaii		3	4	Calif.,* Tex.
<i>Pinnaaspis uniloba</i> (Kuw.) (Coccidae):					
<i>Alyxia olivaeformis</i> (maile alyxia)	Hawaii		5		Calif.*
<i>Pityogenes bidentatus</i> (Hbst.) (Scolytidae):					
<i>Pinus</i> sp. (pine)	Germany, Netherlands, Poland		3		Ala., Tex.
Wood	Netherlands		1		Calif.*
<i>Pityogenes chalcographus</i> (L.) (Scolytidae):					
<i>Picea</i> sp. (spruce)	Norway, Sweden		7		N. Y.
<i>Pinus</i> sp. (pine)	Belgium, Germany, Netherlands, Norway, Sweden		8		Ala., Ill., La., N. Y., Tex.
Wooden crate	Sweden		3		Calif.,* N. Y.
<i>Plagioderma semivittata</i> Stal (Chrysomelidae):					
<i>Bromelia pinguin</i> (?)	Mexico			1	Tex.
Orchid	do			2	Tex.
<i>Plagioderma thymaloides</i> Stal (Chrysomelidae):					
Cactus	do			1	Tex.
Orchid	do			6	Tex.
<i>Plagiognathus arbustorum</i> (F.) (Miridae):					
<i>Rosa</i> sp. (rose)	Sweden		1		N. Y.

List of pests (insects) collected and reported from July 1, 1949, to June 30, 1950,
inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Platynota rostrana</i> (Wlk.) (Tortricidae):					
<i>Ananas comosus</i> (pineapple).....	Cuba, Mexico.....	2	---	---	N. Y., Tex.
<i>Capsicum frutescens grossum</i> (sweetbell red-pepper).....	Mexico.....	1	---	---	Calif.*
<i>Gardenia augusta</i> (gardenia).....	do.....	1	---	---	Tex.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	4	---	---	Tex.
<i>Rosa</i> sp. (rose).....	do.....	1	---	---	Tex.
<i>Secchium edule</i> (chayote).....	Puerto Rico.....	1	---	---	N. Y.
<i>Platypus rugulosus</i> Chap. (Platypodidae):					
<i>Ananas comosus</i> (pineapple).....	Mexico.....	1	---	---	Tex.
<i>Cedrela mexicana</i> (?).....	Costa Rica.....	1	---	---	La.
<i>Copaifera hemitomophylla</i> (cativo).....	do.....	4	---	---	S. C.
<i>Cybistax donnell-smithi</i> (primavera).....	Guatemala.....	1	---	---	La.
<i>Dalbergia</i> sp. (rosewood).....	Brazil.....	1	---	---	N. Y.
<i>Persea americana</i> (avocado).....	Mexico.....	1	---	---	Tex.
<i>Platysaissetia castilloae</i> (Ckll.) (Coccidae):					
<i>Hibiscus</i> sp.....	do.....	---	---	1	Ariz.
<i>Plinthisus brevipennis</i> (Latr.) (Lygaeidae):					
Moss and soil packing.....	Italy.....	1	---	---	N. Y.
<i>Plinthisus minutissimus</i> Fieber (Lygaeidae):					
Packing.....	do.....	---	---	1	Ill.
<i>Podagrica malvae</i> (Ill.) (Chrysomelidae):					
<i>Lilium candidum</i> (Madonna lily).....	France.....	---	---	1	N. J.
<i>Pogonocherus fasciculatus</i> Deg. (Cerambycidae):					
<i>Picea</i> sp. (spruce).....	Finland.....	1	---	---	N. Y.
" <i>Poliaspis</i> " <i>pini</i> (Mask.) (Coccidae):					
<i>Pinus</i> sp. (2-leaved pine).....	Japan.....	2	---	3	Oreg., Wash.
<i>Pollinia pollini</i> (Costa) (Coccidae):					
<i>Olea europaea</i> (olive).....	France.....	---	---	1	N. J.
<i>Polychrosis botrana</i> (Schiff.) (Olethreutidae):					
<i>Vitis</i> sp. (grape).....	Lebanon.....	1	---	---	N. Y.
<i>Polygraphus polygraphus</i> (L.) (Scolytidae):					
<i>Pinus</i> sp. (pine).....	Germany.....	1	---	---	Ala.
<i>Prays endocarpa</i> (Meyr.) (Hyponomeutidae):					
<i>Citrus grandis</i> (pummelo).....	Philippines.....	---	1	---	Calif.*
<i>Prays oleellus</i> (F.) (Hyponomeutidae):					
<i>Olea europaea</i> (olive).....	Italy.....	5	---	---	Ill., N. Y., Pa.
<i>Protopulvinaria longivalvata</i> (Green) (Coccidae):					
<i>Cattleia mossiae</i> (orchid).....	Venezuela.....	---	---	1	Calif.*
<i>Gardenia augusta</i> (gardenia).....	Cuba, Puerto Rico, Trinidad, Venezuela.....	7	2	---	Ala., Fla.,* N.Y., P. R.
<i>Protopulvinaria pyriformis</i> (Ckll.) (Coccidae):					
<i>Philodendron</i> sp.....	Venezuela.....	---	---	1	Fla.
<i>Pseudonidia tessera</i> (de Charm.) (Coccidae):					
<i>Catasetum</i> sp. (orchid).....	Panama.....	---	---	2	N. J.
Orchid.....	Colombia.....	---	---	1	Tex.
<i>Pseudonidia trilobitiformis</i> (Green) (Coccidae):					
<i>Citrus aurantifolia</i> (lime).....	Argentina.....	---	1	---	P. R.
<i>Citrus limon</i> (lemon).....	Brazil.....	---	2	---	Calif.*
<i>Mangifera indica</i> (mango).....	Belgian Congo.....	1	---	---	N. Y.
<i>Spondias cytherea</i> (vi-apple).....	Unknown.....	1	---	---	Fla.*
<i>Zizyphus jujuba</i> (jujube).....	Trinidad.....	1	---	---	N. Y.
<i>Pseudischnaspis alienus</i> (Newst.) (Coccidae):					
<i>Cattleia peruviana</i> (orchid).....	Venezuela.....	---	---	1	Calif.*
<i>Epidendrum</i> sp. (orchid).....	Guatemala.....	---	---	1	Tex.
<i>Laelia autumnalis</i> (orchid).....	Mexico.....	---	---	1	Calif.*
<i>Odontoglossum citrosimum</i> (orchid).....	do.....	---	---	1	Calif.*
Orchid.....	Canal Zone, Costa Rica, Guatemala, Venezuela.....	---	---	8	Fla., N. J.
<i>Pseudococcus boninsis</i> (Kuw.) (Coccidae):					
<i>Saccharum officinarum</i> (sugarcane).....	Bermuda.....	1	---	---	Mass.
<i>Pseudococcus palmarum</i> (Ehrr.) (Coccidae):					
<i>Cocos nucifera</i> (coconut).....	Guam, Hawaii, Philippines.....	8	2	3	Calif.*
<i>Pseudococcus pandani</i> (Ckll.) (Coccidae):					
<i>Pandanus</i> sp.....	Kwajalein.....	---	---	1	Hawaii.

List of pests (insects) collected and reported from July 1, 1949, to June 30, 1950, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Pseudococcus pini</i> Kuw. (Coccidae):					
<i>Pinus parviflora</i> (Japanese white pine)	Japan		1		Pa.
<i>Pinus</i> sp. (two-leaved pine)	do			2	Wash.
<i>Pinus</i> sp.	do			1	Wash.
<i>Pseudococcus probrevipes</i> Morr. (Coccidae):					
<i>Heliconia</i> sp.	Canal Zone			1	Fla.
<i>Pseudoparlatoria ostreata</i> (Ckll.) (Coccidae):					
<i>Camellia japonica</i> (camellia)	Colombia	1			Fla.*
<i>Carica papaya</i> (papaya)	Cuba	1			Fla.*
<i>Oncidium cavendishianum</i> (orchid)	Guatemala			1	Calif.*
Orchid	Cuba			1	Fla.
<i>Pseudoparlatoria serratae</i> Towns. & Ckll. (Coccidae):					
<i>Oncidium</i> sp. (orchid)	Mexico			1	Tex.
Orchid	do			1	Tex.
<i>Psylla rhododendri</i> Puton (Psyllidae):					
<i>Rhododendron</i> sp.	Switzerland			1	N. J.
<i>Psylla uncatu</i> Ferris & Klyver (Psyllidae):					
<i>Acacia</i> sp.	Australia			1	Hawaii.
<i>Psylliodes chrysocephala</i> (L.) (Chrysomelidae):					
<i>Brassica oleracea capitata</i> (cabbage)	England		1		Tex.
<i>Brassica rapa</i> (turnip)	Italy		1		N. Y.
<i>Ptosima undecimmaculata</i> Hbst. (Buprestidae):					
<i>Cynara scolymus</i> (globe artichoke)	do			1	N. Y.
<i>Pulvinaria psidii</i> Mask. (Coccidae):					
<i>Bryophyllum</i> sp.	Bermuda			1	N. Y.
<i>Campsis radicans</i> (trumpet creeper)	do	1			N. Y.
<i>Gardenia augusta</i> (gardenia)	Hawaii, Mexico, Trinidad	1		2	Ala., Ariz., Calif.*
<i>Pittosporum</i> sp.	Bermuda	1			N. Y.
<i>Pulvinaria tyleri</i> Ckll. (Coccidae):					
Flowers	Philippines	1			Calif.*
<i>Pulvinaria urticae</i> (Ckll.) (Coccidae):					
<i>Capsicum frutescens</i> (pepper)	West Indies	1			N. Y.
<i>Puto mexicanus</i> (Ckll.) (Coccidae):					
Orchid	Mexico			1	Ariz.
<i>Pyrausta nubilalis</i> (Hbn.) (Pyraustidae):					
<i>Sorghum vulgare technicum</i> (broomcorn)	France, Italy, Switzerland	3	1		N. Y., Pa.
<i>Pyrrhocoris apterus</i> (L.) (Pyrrhocoridae):					
<i>Allium cepa</i> (onion)	Italy	1			Mass.
<i>Reticulitermes speratus</i> (Kolbe) (Rhinotermitidae):					
<i>Rhododendron</i> sp.	Japan			1	Hawaii.
<i>Rhagoletis alternata</i> (Fall.) (Tephritidae):					
<i>Rosa</i> sp.	Unknown		1		N. Y.
<i>Rhagoletis alternata</i> (Fall.) (?) (Tephritidae):					
<i>Rosa</i> sp.	Netherlands			1	N. J.
<i>Rhagoletis cerasi</i> (L.) (Tephritidae):					
<i>Prunus</i> sp. (cherry)	France, Germany, Italy, Spain, Switzerland	14	12		Mass., N. Y.
<i>Rhagoletis cerasi</i> (L.) (?) (Tephritidae):					
<i>Prunus</i> sp. (cherry)	Greece, Sweden	1	1		N. Y.
<i>Rhagoletis pomonella</i> (Walsh) (Tephritidae):					
<i>Malus sylvestris</i> (apple)	Mexico	11	1		Tex.
<i>Rhagoletis striatella</i> Wulp (Tephritidae):					
<i>Physalis</i> sp. (husk tomato)	do	1			Tex.
<i>Rhinacloa subpallicornis</i> Knight (Miridae):					
<i>Citrus medica</i> (citron)	Bermuda	1			N. Y.
<i>Gladiolus</i> sp.	Argentina	1			N. Y.
<i>Lantana</i> sp.	Bermuda	1			N. Y.
<i>Rhobia praeceps</i> Bergroth (Lygaeidae):					
<i>Cryptomeria</i> sp.	Japan			1	Wash.
<i>Rhopalophora incrustata</i> Chev. (Cerambycidae):					
<i>Chrysanthemum maximum</i> (shasta daisy)	Mexico	1			Tex.

List of pests (insects) collected and exported from July 1, 1949, to June 30, 1950, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Rhopalosiphoninus tulipaeillus</i> (Theob.) (Aphidae):					
<i>Apium graveolens</i> (celery)	Netherlands		1		Tex.
<i>Beta vulgaris macrorrhiza</i> (mangel-wurzel)	England		1		N. Y.
<i>Gladiolus</i> sp.	do.			2	Ill., N. J.
<i>Raphanus sativus</i> (radish)	Netherlands		1		Pa.
<i>Tulipa</i> sp. (tulip)	do.	1		2	La., N. J., N. Y.
<i>Rhyparochromus chiragra</i> (F.) (Lygaeidae):					
Sphagnum moss packing	Germany			1	N. Y.
<i>Ribua innozia</i> Hein. (Phycitidae):					
<i>Ananas comosus</i> (pineapple)	Cuba	40			La., N. Y.
<i>Scolopostethus decoratus</i> (Hahn) (Lygaeidae):					
Soil with plants	Netherlands			1	N. Y.
<i>Sehirus biguttatus</i> (L.) (Pentatomidae):					
Forest litter	Sweden			1	N. Y.
<i>Selenothrips rubrocinctus</i> (Giard) (Thripidae):					
<i>Rosa</i> sp.	Unknown		1		Tex.
<i>Serica brunnea</i> (L.) (Scarabaeidae):					
Soil with plants	Netherlands			1	N. Y.
<i>Serica brunnea</i> (L.) (?) (Scarabaeidae):					
Soil with <i>Delphinium</i> sp. plant	Sweden			1	N. Y.
<i>Sesamia cretica</i> (Led.) (Phalaenidae):					
<i>Zea mays</i> (corn)	Italy	1			N. Y.
<i>Sesamia vutera</i> (Stoll) (Phalaenidae):					
<i>Malus sylvestris</i> (apple)	do.	1			N. Y.
<i>Opuntia compressa</i> (pricklypear)	do.	1			N. Y.
<i>Sinoxylon anale</i> Lesne (Bostrichidae):					
Wood	India	4			N. Y., Va.
<i>Sinoxylon conigerium</i> Gerst. (Bostrichidae):					
Wood	Hawaii, India	2			Calif.,* Mass.*
<i>Sinoxylon serdentatum</i> (Oliv.) (Bostrichidae):					
Wooden staves	Portugal	1			Va.
<i>Siphoninus phylliraeae</i> (Hal.) (Aleyrodidae):					
<i>Punica granatum</i> (pomegranate)	Greece			1	N. J.
<i>Sisamnes contractus</i> Dist. (Lygaeidae):					
<i>Ananas comosus</i> (pineapple)	Mexico	1			Tex.
<i>Sitona lineata</i> (L.) (Curculionidae):					
Airplane	British Columbia, Canada		5		Wash.
<i>Sitona luteiceps</i> Reuter (Miridae):					
Cactus	Mexico			1	Tex.
<i>Mammillaria neumanniana</i> (cactus)	do.			1	Tex.
<i>Mammillaria woodii</i>	do.			1	N. J.
<i>Mammillaria</i> sp.	do.			3	Tex.
Plant	do.			1	Tex.
<i>Spartea villosus</i> (F.) (Bruchidae):					
<i>Cytisus scoparius</i> (Scotch broom)	Italy			1	N. J.
<i>Cytisus</i> sp.	Belgium, Denmark			3	N. J., Pa., Tex.
<i>Laburnum alpinum</i> (Scotch laburnum)	Italy			1	N. Y.
<i>Mathiola incana</i>	do.			1	Mass.
<i>Spartium junceum</i> (weavers-broom)	do.			1	N. J.
<i>Sphenarches caffer</i> (Zell.) (Pterophoridae):					
<i>Cajanus cajan</i> (pigeonpea)	Puerto Rico	5			N. Y., P. R.
<i>Spintherus leguminum</i> (Ratz.) (Pteromalidae):					
<i>Vicia sativa</i> (vetch)	Germany	1			Pa.
<i>Stenoma anonella</i> Sepp. (Stenomidae):					
<i>Annona muricata</i> (soursoy)	Panama	2			N. Y.
<i>Annona reticulata</i> (custard-apple)	Mexico		1		Fla.*
<i>Stenoma catenifer</i> Wlsm. (Stenomidae):					
<i>Persea americana</i> (avocado)	Brazil, Canal Zone, Colombia, Costa Rica, Ecuador, Honduras, Mexico, Nicaragua, Panama, Peru, Salvador, unknown.	27	10	1	Ala. Calif.,* La., N. Y., P. R., Tex., Va.
<i>Persea</i> sp.	Colombia			1	Calif.*
<i>Stenoscelis hylastoides</i> Woll. (Curculionidae):					
<i>Vitis</i> sp. (grape)	Union of South Africa	1			N. Y.

List of pests (insects) collected and reported from July 1, 1949, to June 30, 1950, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Stenogrinum quadrinotatum</i> Bates (Cerambycidae):					
<i>Quercus</i> sp. (acorn).....	India (?).....	1			N. Y.
<i>Stephanitis pyri</i> (F.) (Tingidae):					
<i>Cotoneaster</i> sp.....	Greece.....			1	N. J.
<i>Cydonia oblonga</i> (quince).....	Italy.....	1			N. Y.
<i>Stephanoderes buscki</i> Hopk. (Scolytidae):					
<i>Caesalpinia pulcherrima</i> (Barbados pride).....	Canal Zone.....			2	Tex.
<i>Dioscorea</i> sp. (yam).....	Barbados.....	1			Mass.
<i>Murraya</i> sp.....	Canal Zone.....			2	Tex.
<i>Stephanoderes depressus</i> Eichh. (Scolytidae):					
<i>Cajanus cajan</i> (pigeonpea).....	Puerto Rico.....	1			P. R.
<i>Stephanoderes hampei</i> (Ferr.) (Scolytidae):					
<i>Coffea</i> sp. (coffee).....	Angola, Brazil, Netherlands East Indies, South America.....	3	1	1	Ill., N. Y., Tex.
<i>Stephanoderes lecontei</i> Hopk. (Scolytidae):					
<i>Karwinskia humboldtiana</i>	Mexico.....	1			Tex.
<i>Sybra alternans</i> Wied. (Cerambycidae):					
With ginger and bird-of-paradise-flower cuttings.....	Hawaii.....	1			Hawaii.
<i>Syrilla oceanica</i> Macq. (Syrphidae):					
<i>Cocos nucifera</i> (coconut).....	do.....	1			Hawaii.
<i>Taeniothrips atratus</i> (Hal.) (Thripidae):					
<i>Calluna vulgaris</i> (heather).....	Scotland.....	1			D. C.
<i>Dianthus</i> sp. (carnation).....	Germany.....	2			N. Y.
<i>Gladiolus</i> sp.....	Denmark.....	1			N. Y.
<i>Ipomoea batatas</i> (sweetpotato).....	Scotland.....		1		Ill.
<i>Lathyrus odoratus</i> (sweet pea).....	Sweden.....	1			N. Y.
<i>Taeniothrips ericae</i> (Hal.) (Thripidae):					
<i>Calluna vulgaris</i> (heather).....	Scotland.....	2			D. C., Pa.
<i>Taeniothrips hawaiiensis</i> (Morg.) (Thripidae):					
<i>Alyxia olivaeformis</i> (maile alyxia).....	Hawaii.....	1			Calif.*
<i>Canavalia</i> sp.....	do.....	1			Calif.*
<i>Dianthus</i> sp. (carnation).....	China, Hawaii.....	3			Calif.,* Hawaii.
<i>Iibiscus</i> sp.....	Hawaii.....	1			Hawaii.
<i>Jasminum sambac</i> (Arabian jasmine).....	do.....	1			Hawaii.
<i>Strelitzia reginae</i> (bird-of-paradise-flower).....	do.....	1			Calif.*
<i>Talponia batesi</i> Hein. (Olethreutidae):					
<i>Annona cherimola</i> (cherimoya).....	Mexico.....	5			Tex.
<i>Tanymecus confusus</i> Say (Curculionidae):					
<i>Gladiolus</i> sp.....	do.....	1			Tex.
" <i>Targionia</i> " <i>bromilatae</i> (Leon.) (Coccidae):					
<i>Ananas comosus</i> (pineapple).....	Azores, Mexico.....	25			Calif.,* N. Y., Tex.
" <i>Targionia</i> " <i>hartii</i> (Ckll.) (Coccidae):					
<i>Dioscorea</i> sp. (yam).....	Barbados, Canal Zone, Cuba, Nevis, St. Kitts.....	12	2		Fla.,* Mass., N. Y.
" <i>Targionia</i> " <i>sacchari</i> (Ckll.) (Coccidae):					
Grass.....	Guam, Puerto Rico.....	1		1	Calif.,* D. C.
<i>Paspalum</i> sp.....	Nigeria.....			1	D. C.
<i>Saccharum officinarum</i> (sugarcane).....	Haiti, Honduras, Mexico.....	2	1		Fla.,* N. Y., Tex.
<i>Tarsonemus laticeps</i> Halb. (Tarsonemidae):					
<i>Narcissus</i> sp.....	England, Netherlands.....			2	N. J.
<i>Tenthecoris angustimarginatus</i> Hsiao & Sailer (Miridae):					
Orchid.....	Mexico.....			16	Tex.
<i>Tenthecoris bicolor</i> Scott (Miridae):					
Orchid.....	do.....			4	Tex.
<i>Tenthecoris confusus</i> Hsiao & Sailer (Miridae):					
Orchid.....	do.....			10	Tex.
<i>Tenthecoris distinguendus</i> Hsiao & Sailer (Miridae):					
<i>Epidendrum</i> sp. (orchid).....	Canal Zone.....			1	Fla.
Orchid.....	do.....			2	Fla.
<i>Tenthecoris orchidearum</i> Reuter (Miridae):					
<i>Cattleya</i> sp. (orchid).....	Brazil.....			1	Calif.*

List of pests (insects) collected and reported from July 1, 1949, to June 30, 1950, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Tenthecoris venezuelensis</i> Hsiao & Sailer (Miridae):					
<i>Cattleya</i> sp. (orchid)	Colombia			1	N. J.
<i>Oncidium</i> sp. (orchid)	Venezuela			1	N. J.
<i>Tetraleurodes acaciae</i> (Q.) (Aleyrodidae):					
<i>Bauhinia</i> sp.	Mexico			1	Tex.
<i>Cassia fistula</i> (golden-shower)	Nicaragua			1	Calif.*
<i>Karwinskia humboldtiana</i>	Mexico	1			Tex.
Leaf	Guatemala, Mexico	4			Tex.
<i>Pithecellobium dulce</i> (guamuchil)	Mexico	1			Ariz.
<i>Tetraleurodes fici</i> Q. & B. (Aleyrodidae):					
<i>Xylosma</i> sp.	do			1	Tex.
<i>Tetraleurodes quadratus</i> Sampson & Drews (Aleyrodidae):					
<i>Rosa</i> sp. (rose)	do	1			Tex.
<i>Tetraleurodes ursorum</i> (Ckll.) (Aleyrodidae):					
Leaf	do	1			Tex.
Unknown	Costa Rica			1	Tex.
<i>Tetropium fuscum</i> (F.) (Cerambycidae):					
<i>Picea</i> sp. (spruce)	Norway	1			N. Y.
<i>Thrips angusticeps</i> Uzel (Thripidae):					
<i>Anemone</i> sp.	Netherlands	1			N. Y.
<i>Chrysanthemum</i> sp.	England	1			N. Y.
<i>Dianthus</i> sp. (carnation)	Czechoslovakia, Germany, Italy	3			N. Y.
Flowers	England		1		Ill.
<i>Lathyrus odoratus</i> (sweet pea)	Sweden	1			N. Y.
<i>Mimosa</i> sp.	Italy	1			N. Y.
<i>Rosa</i> sp.	Czechoslovakia, Germany, Norway	2	1		N. Y.
<i>Trifolium repens</i> var. (shamrock)	Ireland, North Ireland	1		1	N. Y.
<i>Thrips flavus</i> Schr. (Thripidae):					
<i>Bellis perennis</i> (English daisy)	Czechoslovakia	1			N. Y.
<i>Chrysanthemum</i> sp.	Unknown	1			N. Y.
<i>Zantedeschia aethiopica</i> (callalily)	Mexico	1			Tex.
<i>Toxotrypana curvicauda</i> Gerst. (Tephritidae):					
<i>Carica papaya</i> (papaya)	do	1			Tex.
<i>Trialeurodes lauri</i> (Sign.) (Aleyrodidae):					
<i>Laurus nobilis</i> (Grecian laurel)	Italy		1		N. Y.
<i>Laurus</i> sp.	do			1	N. Y.
<i>Trialeurodes multipori</i> Russell (Aleyrodidae):					
<i>Quercus</i> sp. (oak)	Mexico	1			Ariz.
<i>Trialeurodes oblongifoliae</i> Russell (Aleyrodidae):					
<i>Quercus</i> sp. (oak)	do	1			Ariz.
<i>Trialeurodes vitrinellus</i> (Ckll.) (Aleyrodidae):					
<i>Citrus sinensis</i> (orange)	do	1			Tex.
<i>Citrus</i> sp.	do	1			Tex.
<i>Trionymus peregrinus</i> (Green) (Coccidae):					
<i>Amaryllis</i> sp.	Netherlands			1	N. J.
<i>Trionymus sacchari</i> (Ckll.) (Coccidae):					
<i>Saccharum officinarum</i> (sugarcane)	Philippines		1		Calif.*
<i>Trioxa urticae</i> (L.) (Psyllidae):					
<i>Brassica oleracea botrytis</i> (cauliflower)	Netherlands		1		Ala.
<i>Tubifera arvorum</i> (F.) (Syrphidae):					
Airplane	Hawaii		3		Hawaii.
<i>Ulopa reticulata</i> (F.) (Cicadellidae):					
<i>Calluna vulgaris</i> (beather)	Scotland			1	N. Y.
<i>Unaspis citri</i> (Comst.) (Coccidae):					
<i>Citrus paradisi</i> (grapefruit)	British West Indies, Jamaica, Mexico, Puerto Rico	1	3		Calif.,* N. Y.
<i>Citrus sinensis</i> (orange)	Argentina, Brazil		2		Fla.*
<i>Unaspis euonymi</i> (Comst.) (Coccidae):					
<i>Euonymus</i> sp.	Japan			1	Calif.*

List of pests (insects) collected and reported from July 1, 1949, to June 30, 1950, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Unaspis yanonensis</i> (Kuw.) (Coccidae):					
<i>Citrus limon</i> (lemon).....	Japan.....		2		Calif.*
<i>Citrus paradisi</i> (grapefruit).....	do.....		1		Calif.*
<i>Citrus reticulata</i> (Mandarin orange).....	do.....	2	1		Calif.*
<i>Citrus sinensis</i> (orange).....	do.....		5		Calif.*
<i>Citrus</i> sp.....	do.....		1		Wash.
<i>Vallissus diversus</i> (Dist.) (Lygaeidae):					
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1			Ariz.
<i>Vesiculaphis caracis</i> (Full.) (Aphidae):					
<i>Rhododendron</i> sp.....	Japan.....			3	Hawaii, Wash.
<i>Vinsonia stellifera</i> (Westw.) (Coccidae):					
<i>Broughtonia</i> sp.....	Jamaica.....			1	Fla.
<i>Cattleya</i> sp. (orchid).....	Puerto Rico.....			1	N. J.
<i>Cynoches chlorochilon</i> (orchid).....	Canal Zone.....			1	Fla.
Orchid.....	American Virgin Islands, Brazil, British West Indies, Canal Zone, Cuba, Honduras, Jamaica, Trinidad, Venezuela.....			21	Fla., Mass., N. J., Tex.
<i>Stanhopea bucephalus</i> (orchid).....	Venezuela.....			1	Calif.*
<i>Stanhopea</i> sp.....	do.....			1	N. J.
<i>Vanilla</i> sp. (orchid).....	Dominica.....			1	N. J.
<i>Xylobiops texanus</i> (Horn) (Bostrichidae):					
<i>Prosopis</i> sp. (mesquite).....	Mexico.....	1			Tex.
<i>Xystrocer a globosa</i> (Oliv.) (Cerambycidae):					
<i>Cassia</i> sp. (monkey pod tree).....	Hawaii.....	1			Hawaii.
<i>Zonosemata electa</i> (Say) (Tephritidae):					
<i>Solanum elaeagnifolium</i> (silverleaf nightshade).....	Mexico.....	1			Tex.

Hosts and insects

ABIES:

- Aspidiotus cryptomeriae* (Homoptera)
Chrysomphalus nigropunctatus (Homoptera)
Lepidosaphes japonica (Homoptera)
Megastigmus suspectus (Hymenoptera)

ACACIA:

- Acanthoscelides spinipes* (Coleoptera)
Bruchidius aurivillii (Coleoptera)
Caryedon fuscus (Coleoptera)
Chrysomphalus odontoglossi (Homoptera)
Mimosestes sallaei (Coleoptera)
Niphona picticornis (Coleoptera)
Psylla uncata (Homoptera)

ACER:

- Parlatoria theae* (Homoptera)

AERIDES:

- Parlatoria pseudaspidotus* (Homoptera)

AGAVE:

- Ligyrocoris aurivilliana* (Hemiptera)

AGLAONEMA:

- Coptotermes formosanus* (Isoptera)

ALAFIA:

- "*Chionaspis*" *juntumiae* (Homoptera)

ALBIZZIA:

- Caryedon fuscus* (Coleoptera)

ALLIUM ASCALONICUM:

- Myzus ascalonicus* (Homoptera)

ALLIUM CEPA:

- Pyrrhocoris apterus* (Hemiptera)

ALLIUM PORRUM:

- Acrolepia assectella* (Lepidoptera)

ALLIUM SATIVUM:

- Aglossa cuprealis* (Lepidoptera)

ALLIUM SATIVUM—Continued

- Brachycerus albidentatus* (Coleoptera)
Brachycerus algerus (Coleoptera)
Dyspessa ulula (Lepidoptera)
Lamptetia equestris (Diptera)
Penichora fasciata (Coleoptera)

ALOE:

- "*Chionaspis*" *exalbida* (Homoptera)

ALPINIA:

- Coccus viridis* (Homoptera)

ALYXIA:

- Pinnaspis uniloba* (Homoptera)
Taeniothrips hawaiiensis (Thysanoptera)

AMARYLLIS:

- Trionymus peregrinus* (Homoptera)

ANANAS:

- Alpheias conspirata* (Lepidoptera)
Erptophiomera albomaculata (Hemiptera)
Genopaschia protomis (?) (Lepidoptera)
Pheidole megacephala (Hymenoptera)
Platynota rostrana (Lepidoptera)
Platypus rugulosus (Coleoptera)
Ribua innoxia (Lepidoptera)
Sisamnes contractus (Hemiptera)
"*Targionia*" *bromiliae* (Homoptera)

ANEMONE:

- Haplothrips gowdeyi* (Thysanoptera)
Thrips angusticeps (Thysanoptera)

ANNONA:

- Aspidiotus destructor* (Homoptera)
Ceratitis capitata (Diptera)
Stenomoma anonella (Lepidoptera)
Talponia batesi (Lepidoptera)

Hosts and insects—Continued

ANTHURIUM:

Ceroplastes rubens (Homoptera)
Nysius coenosulus (Hemiptera)

ANTIRRHINUM:

Anuraphis helichrysi (Homoptera)
Dicyphus errans (Hemiptera)
Frankliniella insularis (Thysanoptera)
Haplothrips gowdeyi (Thysanoptera)
Iridomyrmex humilis (Hymenoptera)

APHELANDRA:

Aleurotrachelus trachoides (Homoptera)

APIUM:

Rhopalosiphoninus tulipaellus (Homoptera)

ARACEAE:

Phenacaspis sandwicensis (Homoptera)

ARACHIS:

Caryedon fuscus (Coleoptera)

ARECA:

Aspidiotus spinosus (Homoptera)

ARECASTRUM:

Pinnaspis buxi (Homoptera)

ARMERIA:

Haplothrips gowdeyi (Thysanoptera)

ASTER:

Haplothrips gowdeyi (Thysanoptera)
Iridomyrmex humilis (Hymenoptera)

ASTROCARYUM:

Aspidiotus spinosus (Homoptera)

AVENA:

Diabrotica speciosa (Coleoptera)
Limothrips cerealium (Thysanoptera)

BAMBOO:

Acanthoscelides armitagei (Coleoptera)
Asterolecanium bambusae (Homoptera)
Chionaspis elongata (Homoptera)
Cryptotermes brevis (Isoptera)
Dinoderus brevis (Coleoptera)
Myelobia smerintha (Lepidoptera)

BAMBUSA:

Odonaspis greeni (Homoptera)

BAUHINIA:

Tetraleurodes acaciae (Homoptera)

BEGONIA:

Iridomyrmex humilis (Hymenoptera)

BELLIS:

Thrips flavus (Thysanoptera)

BETA:

Rhopalosiphoninus tulipaellus (Homoptera)

BRASSAVOLA:

Chrysomphalus tenax (Homoptera)
Ferrisia virgata (Homoptera)
Furcaspis biformis (Homoptera)

BRASSICA OLERACEA BOTRYTIS:

Mamestra brassicae (Lepidoptera)
Pieris brassicae (Lepidoptera)
Trioxa urticae (Homoptera)

BRASSICA OLERACEA CAPITATA:

Evergestis forficatis (Lepidoptera)
Hypera fasciculata (Coleoptera)
Iridomyrmex humilis (Hymenoptera)
Mamestra brassicae (Lepidoptera)
Phyllotreta atra (Coleoptera)
Phyllotreta cruciferae (Coleoptera)
Pieris brassicae (Lepidoptera)
Psylliodes chrysocephala (Coleoptera)

BRASSICA RAPA:

Adrastus limbatus (Coleoptera)
Lampetia equestris (Diptera)
Psylliodes chrysocephala (Coleoptera)

BROMELIA:

Ligyrocrosis abdominalis (Hemiptera)
Plagioidera semivittata (Coleoptera)

BROMELIAD:

Asterolecanium epidendri (Homoptera)
Calligrapha argus (Coleoptera)
Ogdocoecia biannularis (Coleoptera)
Pinnaspis buxi (Homoptera)

BROUGHTONIA:

Vinsonia stellifera (Homoptera)

BROWNEA:

Dercynus micronyx (Coleoptera)

BRYOPHYLLUM:

Heterogaster urticae (Hemiptera)
Pulvinaria psidii (Homoptera)

BURSERA:

Aspidiotus herculeanus (Homoptera)

CACTUS:

Ceratitis capitata (?) (Diptera)
Chelysoma variabilis (Hemiptera)
Lepidosaphes philococcus (Homoptera)
Ligyrocrosis nitidicollis (Hemiptera)
Plagioidera thymaloidea (Coleoptera)
Sizeonotus luteiceps (Hemiptera)

CAESALPINIA:

Mimoseses dominicanus (Coleoptera)
Stephanoderes buscki (Coleoptera)

CAJANUS:

Acanthoscelides armitagei (Coleoptera)
Ancylostoma stercora (Lepidoptera)
Brachyacma palpigera (Lepidoptera)
Fundella pellucens (Lepidoptera)
Maruca testulalis (Lepidoptera)
Sphenarches caffer (Lepidoptera)
Stephanoderes depressus (Coleoptera)

CALLISTEPHUS:

Anuraphis helichrysi (Homoptera)

CALLUNA:

Acalypta parvula (Hemiptera)
Brachyrhinus ovatus (Coleoptera)
Drymus brunneus (Hemiptera)
Gelechia ericetella (Lepidoptera)
Lochmaea suturalis (Coleoptera)
Micrelus ericae (Coleoptera)
Orthezia cataphracta (Homoptera)
Taeniothrips atratus (Thysanoptera)
Taeniothrips ericae (Thysanoptera)
Ulopa reticulata (Homoptera)

CAMELLIA:

Ceroplastes rubens (Homoptera)
Lepidosaphes chinensis (Homoptera)
Palitoria camelliae (Homoptera)
Pseudoparlatoria ostreata (Homoptera)

CAMPSIS:

Pulvinaria psidii (Homoptera)

CANAVALLIA:

Haplothrips gowdeyi (Thysanoptera)
Lampides boeticus (Lepidoptera)
Maruca testulalis (Lepidoptera)
Taeniothrips hawaiiensis (Thysanoptera)

CAPSICUM:

Aleurotrachelus trachoides (Homoptera)
Dacus cucurbitae (Diptera)
Dacus dorsalis (Diptera)
Gnorimoschema gudmannella (Lepidoptera)
Ligyrocrosis aurivilliana (Hemiptera)
Neoleucinodes elegantalis (Lepidoptera)
Platynota rostrana (Lepidoptera)
Pulvinaria urticae (Homoptera)

CARALLUMA:

Asterolecanium steniae (Homoptera)

CARICA:

Aspidiotus spinosus (Homoptera)
Icerya littoralis (Homoptera)
Pseudoparlatoria ostreata (Homoptera)
Toxotrypana curvicauda (Diptera)

CASSIA:

Caryedon fuscus (Coleoptera)
Phelomerus aberrans (Coleoptera)
Tetraleurodes acaciae (Homoptera)
Xystrocera globosa (Coleoptera)

CASTANEA:

Hemimele juliana (Lepidoptera)
Laspeyresia splendana (Lepidoptera)

CASUARINA:

Orthezia praelonga (Homoptera)

CATASETUM:

Furcaspis biformis (Homoptera)
Pseudanidia tessellata (Homoptera)

CATTLEA:

Amorbia emigratella (Lepidoptera)
Asterolecanium epidendri (Homoptera)
Chrysomphalus tenax (Homoptera)
Chrysomphalus umboniferus (Homoptera)
Coccus pseudohesperidium (Homoptera)
Conchaspis angraci (Homoptera)
Eurytoma orchidearum (Hymenoptera)
Furcaspis biformis (Homoptera)
Iridomyrmex iniquus (Hymenoptera)
Lincus rufospilatus (Hemiptera)
Parallodiplosis cattleyae (Diptera)
Protopulvinaria longivalvata (Homoptera)

Hosts and insects—Continued

CATTLEYA—Continued

- Pseudischiaspis alienus* (Homoptera)
- Tenthecoris orchidearum* (Hemiptera)
- Tenthecoris venezuelensis* (Hemiptera)
- Vinsonia stellifera* (Homoptera)

CEDRELA:

- Fulvius brevicornis* (Hemiptera)
- Platypus rugulosus* (Coleoptera)

CEDRUS:

- Kaloterms snyderi* (Isoptera)

CENTAUREA:

- Crophius scabrosus* (Hemiptera)
- Pachyzancla bipunctalis* (Lepidoptera)

CERATONIA:

- Aspidiotus zonatus* (Homoptera)
- Myelois ceratoniae* (Lepidoptera)

CHRYSANTHEMUM:

- Anuraphis helichrysi* (Homoptera)
- Capitophorus chrysanthemi* (Homoptera)
- Frankliniella cubensis* (Thysanoptera)
- Macrosiphoniella oblonga* (Homoptera)
- Rhopalophora incrustata* (Coleoptera)
- Thrips angusticeps* (Thysanoptera)
- Thrips flavus* (Thysanoptera)

CHYSIS:

- Chrysomphalus umboniferus* (Homoptera)

CITRUS AURANTIFOLIA:

- Aleurocanthus woglumi* (Homoptera)
- Anastrepha ludens* (Diptera)
- Chrysomphalus personatus* (Homoptera)
- Chrysomphalus scutiformis* (Homoptera)
- Leucaspis cockerelli* (Homoptera)
- Lygaeus circumplicatus* (Hemiptera)
- Parlatoria cinerea* (Homoptera)
- Parlatoria zizyphus* (Homoptera)
- Pseudonidia trilobitiformis* (Homoptera)

CITRUS AURANTIUM:

- Aleurocanthus woglumi* (Homoptera)
- Aleurothrix floccosa* (Homoptera)
- Anastrepha ludens* (Diptera)
- Paraleyrodes citricolus* (Homoptera)

CITRUS GRANDIS:

- Prays endocarpa* (Lepidoptera)

CITRUS LIMON:

- Aonidiella citrina* (Homoptera)
- Ceratitis capitata* (Diptera)
- Cryptoblabes gnidiella* (Lepidoptera)
- Parlatoria cinerea* (Homoptera)
- Parlatoria zizyphus* (Homoptera)
- Pseudonidia trilobitiformis* (Homoptera)
- Unaspis yanonensis* (Homoptera)

CITRUS MEDICA:

- Rhinacloa subpallicornis* (Hemiptera)

CITRUS PARADISI:

- Anastrepha ludens* (Diptera)
- Aspidiotus palmae* (Homoptera)
- Ceratitis capitata* (Diptera)
- Coccus viridis* (Homoptera)
- Leucaspis cockerelli* (Homoptera)
- Morganella longispina* (Homoptera)
- Parlatoria cinerea* (Homoptera)
- Parlatoria zizyphus* (Homoptera)
- Unaspis citri* (Homoptera)
- Unaspis yanonensis* (Homoptera)

CITRUS RETICULATA:

- Aleurocanthus woglumi* (Homoptera)
- Anastrepha serpentina* (Diptera)
- Ceratitis capitata* (Diptera)
- Dialeurodes citri* (Homoptera)
- Parlatoria zizyphus* (Homoptera)
- Unaspis yanonensis* (Homoptera)

CITRUS SINENSIS:

- Aleurocanthus woglumi* (Homoptera)
- Anastrepha ludens* (Diptera)
- Anastrepha mombinpraepians* (Diptera)
- Argyroploce leucotreta* (Lepidoptera)
- Ceratitis capitata* (Diptera)
- Cryptoblabes gnidiella* (Lepidoptera)
- Dialeurodes citrifolii* (Homoptera)
- Gymnandrosoma aurantium* (Lepidoptera)
- Leucaspis cockerelli* (Homoptera)
- Morganella longispina* (Homoptera)
- Parlatoria cinerea* (Homoptera)
- Parlatoria zizyphus* (Homoptera)
- Trialeurodes vitrinellus* (Homoptera)

CITRUS SINENSIS—Continued

- Unaspis citri* (Homoptera)
- Unaspis yanonensis* (Homoptera)

CITRUS SP.:

- Aleurocanthus woglumi* (Homoptera)
- Chrysomphalus pinnulifera* (Homoptera)
- Chrysomphalus scutiformis* (Homoptera)
- Coccus viridis* (Homoptera)
- Dialeurodes citri* (Homoptera)
- Dialeurodes citrifolii* (Homoptera)
- Frankliniella insularis* (Thysanoptera)
- Parlatoria zizyphus* (Homoptera)
- Trialeurodes vitrinellus* (Homoptera)
- Unaspis yanonensis* (Homoptera)

COCOLOBIA:

- Frankliniella insularis* (Thysanoptera)

COCOS:

- Aonidiella inornata* (Homoptera)
- Aspidiotus coryphae* (Homoptera)
- Aspidiotus destructor* (Homoptera)
- Aspidiotus excisus* (Homoptera)
- Aspidiotus pangonensis* (Homoptera)
- Aspidiotus spinosus* (Homoptera)
- Chrysomphalus personatus* (Homoptera)
- Chrysomphalus tingi* (Homoptera)
- Diocalandra taiensis* (Coleoptera)
- Ereunetis flavistriata* (Lepidoptera)
- Eucalymnatus tessellatus* (Homoptera)
- Furcaspis oceanica* (Homoptera)
- "Lepidosaphes" esakii* (Homoptera)
- Phenacaspis sandwicensis* (Homoptera)
- Pinnaspis buzi* (Homoptera)
- Pseudococcus palmarum* (Homoptera)
- Syricta oceanica* (Diptera)

CODIAEUM:

- Ferrisia virgata* (Homoptera)
- Lepidosaphes tokionis* (Homoptera)
- Lichtensia lutea* (Homoptera)
- Orthezia praelonga* (Homoptera)
- Parlatoria crotonis* (Homoptera)

COFFEA:

- Ceratitis capitata* (Diptera)
- Dacus dorsalis* (?) (Diptera)
- Stephanoderes hampei* (Coleoptera)

CONVALLARIA:

- Hebrus pusillus* (Hemiptera)

COPAIFERA:

- Platypus rugulosus* (Coleoptera)

CORNUS:

- Allantus cinctus* (Hymenoptera)

CORYLUS:

- Capitophorus avellanae* (?) (Homoptera)

CORYPHANTHA:

- Gerstaeckeria mutilaria* (Coleoptera)

COTONEASTER:

- Stephanitis pyri* (Hemiptera)

CRATAEGUS:

- Acronicta tridens* (Lepidoptera)

CRYPTOMERIA:

- Dinoderus bifoveolatus* (Coleoptera)
- Rhiobia praeceps* (Hemiptera)

CUCUMIS:

- Dacus cucurbitae* (Diptera)
- Erptochiomeria albomaculata* (Hemiptera)
- Liogrocis aurivilliana* (Hemiptera)
- Myiopardalis pardalina* (Diptera)

CUCURBITA:

- Anastrepha grandis* (Diptera)
- Erptochiomeria albomaculata* (Hemiptera)
- Erptochiomeria oblonga* (Hemiptera)

CYBISTAX:

- Platypus rugulosus* (Coleoptera)

CYNOCHESES:

- Vinsonia stellifera* (Homoptera)

CYDONIA:

- Ceratitis capitata* (Diptera)
- Parlatoria oleae* (Homoptera)
- Stephanitis pyri* (Hemiptera)

CYMBIDIUM:

- Dinoderus brevis* (Coleoptera)
- Lepidosaphes tuberculata* (Homoptera)

CYNARA:

- Anuraphis cynariella* (Homoptera)
- Apion carduorum* (Coleoptera)
- Apion carduorum* var. (Coleoptera)

Hosts and insects—Continued

CYNARA—Continued

Epicometis hirta (Coleoptera)
Gortyna flavago (Lepidoptera)
Posima undecimmaculata (Coleoptera)

CYTISUS:

Bruchidius lividimonus var. (Coleoptera)
Sparteus villosus (Coleoptera)
Iridomyrmex humilis (Hymenoptera)
Taeniothrips atratus (Thysanoptera)
Taeniothrips hawaiiensis (Thysanoptera)
Thrips angusticeps (Thysanoptera)

DAHLIA:

Haplothrips gowdeyi (Thysanoptera)
Iridomyrmex humilis (Hymenoptera)

DAISY:

Anuraphis helichrysi (Homoptera)

DALBERGIA:

Platypus rugulosus (Coleoptera)

DAUCUS:

Phalonia zephyrana (Lepidoptera)

DELPHINIUM:

Serica brunnea (?) (Coleoptera)

DENDROBIUM:

Achatina fulica (Mollusca)
Ferrisia virgata (Homoptera)
Parlatoria pseudaspidotus (Homoptera)
Pinnaspis buxi (Homoptera)

DESMODIUM:

Bruchidius gilvus (Coleoptera)

DIANTHUS:

Anuraphis helichrysi (Homoptera)
Brachyrhinus ocaus (Coleoptera)
Bradybaena similis (Mollusca)
Dizygomyza flavifrons (Diptera)
Euzesta notata (Diptera)
Haplothrips cottei (Thysanoptera)

DIOSCOREA:

Palaeopus costicollis (Coleoptera)
Pheidole megacephala (Hymenoptera)
Stephanoderes buscki (Coleoptera)
 "Targionia" hartii (Homoptera)

DIOSPYROS:

Aspidiotus spinosus (Homoptera)
Callidium rufipenne (Coleoptera)
Ceratitis capitata (Diptera)
Iridomyrmex humilis (Hymenoptera)
Lepidosaphes conchiformis (Homoptera)
Parlatoria oleae (Homoptera)

DOLICHOS:

Callosobruchus phaseoli (Coleoptera)

ECHEVERIA:

Eumysia stigmella (Lepidoptera)

ENTEROLOBIUM:

Dinoderus bifoveolatus (Coleoptera)

EPIDENDRUM:

Asterolecanium epidendri (Homoptera)
Eurytoma orchidearum (Hymenoptera)
Furcaspis bifurmis (Homoptera)
Pseudischnaspis alienus (Homoptera)
Tenthecoris distinguendus (Hemiptera)

ERICA:

Antestia variegata lineaticollis (Hemiptera)

ERIOBOTRYA:

Ceratitis capitata (Diptera)
Iridomyrmex humilis (Hymenoptera)

EUGENIA:

Dialeurodes platycus (?) (Homoptera)

EUONYMUS:

Ceroplastes rubens (Homoptera)
Parlatoria theae (Homoptera)
Unaspis euonymi (Homoptera)

EUTERPE:

Coccotrypes pygmaeus (Coleoptera)

FIGUS:

Aspidiotus zonatus (Homoptera)
Ceratitis capitata (Diptera)
Ceroplastes rusci (Homoptera)
Homotoma ficus (Homoptera)
Hypoborus ficus (Coleoptera)
Iridomyrmex humilis (Hymenoptera)
Lepidosaphes ficus (Homoptera)
Parlatoria oleae (Homoptera)

FOENICULUM:

Pieris brassicae (Lepidoptera)

FORTUNELLA:

Ceratitis capitata (Diptera)

FRAGARIA:

Mamestra brassicae (Lepidoptera)

FRAXINUS:

Hylesinus fraxini (Coleoptera)
Leperisinus fraxini (Coleoptera)

GARDENIA:

Aleuroparadoxus gardeniae (Homoptera)
Aleurothrixus myrtacei (Homoptera)
Aspidiotus degeneratus (Homoptera)
Coccus viridis (Homoptera)
Dialeurodes citri (Homoptera)
Dialeurodes kirkaldyi (Homoptera)
Eucalymnatus tessellatus (Homoptera)
Frankliniella insularis (Thysanoptera)
Paraleurodes citricolus (Homoptera)
Platynota rostrana (Lepidoptera)
Protopulvinaria longivalvata (Homoptera)
Protopulvinaria pyrifomis (Homoptera)
Pulvinaria psidii (Homoptera)

GERBERA:

Anuraphis helichrysi (Homoptera)
Iridomyrmex humilis (Hymenoptera)

GLADIOLUS:

Chalcolepidius approximatus (Coleoptera)
Frankliniella insularis (Thysanoptera)
Iridomyrmex humilis (Hymenoptera)
Myzus ascalonicus (Homoptera)
Pheidole megacephala (Hymenoptera)
Rhinocloeus subpallicornis (Hemiptera)
Rhopalosiphoninus tulipae (Homoptera)
Taeniothrips atratus (Thysanoptera)
Tamymecus confusus (Coleoptera)

GOMPHRENA:

Coccus viridis (Homoptera)
Pachyzancla bipunctalis (Lepidoptera)

GOSSYPIUM:

Alpheias conspirata (Lepidoptera)
Ferrisia virgata (Homoptera)
Lygaeus teapensis (Hemiptera)
Orycares hyalinipennis (Hemiptera)
Orycares laetus (Hemiptera)
Pectinophora gossypiella (Lepidoptera)

GRAPTOPHYLLUM:

Ferrisia virgata (Homoptera)

GUAJACUM:

Astyochus setiger (Coleoptera)
Neoclytus caecus (Coleoptera)

HEDYSARUM:

Bruchidius gilvus (Coleoptera)

HELICONIA:

Oxydema longulum (Coleoptera)
Pseudococcus probevipes (Homoptera)

HELIOTROPIMUM:

Asterolecanium pustulans (Homoptera)

HIBISCUS:

Crociosema plebeiana (Lepidoptera)
Frankliniella insularis (Thysanoptera)
Pheidole megacephala (Hymenoptera)
Platysaissetia castilliae (Homoptera)
Taeniothrips hawaiiensis (Thysanoptera)

HOWEA:

Pinnaspis buxi (Homoptera)

HYPERBAENA:

Chrysomphalus personatus (Homoptera)

ILEX:

Aleuroplatus ilicis (Homoptera)
Phenacaspis aucubae (Homoptera)

IPOMOEA:

Araecerus vieillardii (Coleoptera)
Cylas formicarius (Coleoptera)
Cylas formicarius elegantulus (Coleoptera)
Cylas formicarius var. (Coleoptera)
Euscepes postfasciatus (Coleoptera)
Ips interstitialis (Coleoptera)
Taeniothrips atratus (Thysanoptera)

IRIS:

Frankliniella insularis (Thysanoptera)

IXORA:

Coccus viridis (Homoptera)

JASMINUM:

Asterolecanium pustulans (Homoptera)
Heterolermes convezinotatus (Isoptera)
Taeniothrips hawaiiensis (Thysanoptera)

Hosts and insects—Continued

JUNIPERUS:

- Dinoderus brevis* (Coleoptera)
- Lepidosaphes newsteadi* (Homoptera)
- Lepidosaphes pallida* (Homoptera)

KARWINSKIA:

- Aleuoparadoxus ilicicola* (Homoptera)
- Ferrisiana virgata* (Homoptera)
- Stephanoderes lecontei* (Coleoptera)
- Tetraleurodes acaciae* (Homoptera)

KERRIA:

- Allantus cinetus* (Hymenoptera)

KERSTINGIELLA:

- Caryedon fuscus* (Coleoptera)

KHAYA:

- Heterobostrychus aequalis* (Coleoptera)

LABURNUM:

- Chaetocnema hortensis* (Coleoptera)
- Sparticus villosus* (Coleoptera)

LAELIA:

- Asterolecanium epidendri* (Homoptera)
- Chrysomphalus nigropunctatus* (Homoptera)
- Chrysomphalus umboniferus* (Homoptera)
- Pseudoschnaspis alienus* (Homoptera)

LANTANA:

- Epinotia lantana* (?) (Lepidoptera)
- Phinacloa subpallicornis* (Hemiptera)

LATHYRUS:

- Aglossa cuprealis* (Lepidoptera)
- Bruchus tristiculus* (Coleoptera)
- Bruchus tristis* (Coleoptera)
- Iridomyrmex humilis* (Hymenoptera)
- Taeniothrips atratus* (Thysanoptera)
- Thrips angusticeps* (Thysanoptera)

LAURUS:

- Aspidiotus britannicus* (Homoptera)
- Aspidiotus palmarum* (Homoptera)
- Cacoecia prunivora* (Lepidoptera)
- Ceroplastes denudatus* (Homoptera)
- Chrysomphalus personatus* (Homoptera)
- Tetraleurodes lauri* (Homoptera)

LENS:

- Bruchidius incarnatus* (Coleoptera)
- Bruchus ervi* (Coleoptera)
- Bruchus lentis* (Coleoptera)
- Bruchus signaticornis* (Coleoptera)
- Bruchus ulicis* (Coleoptera)

LEUCADENDRON:

- Iridomyrmex humilis* (Hymenoptera)

LEUCOJUM:

- Lampetia equestris* (Diptera)

LIGUSTRUM:

- Coccus viridis* (Homoptera)

LILIUM:

- Crioceris lilii* (Coleoptera)
- Frankliniella insularis* (Thysanoptera)
- Fulbicus brevicornis* (Hemiptera)
- Iridomyrmex humilis* (Hymenoptera)
- Myzus ascalonicus* (?) (Homoptera)
- Orthozia cataphracta* (Homoptera)
- Orthochaetes setiger* (Coleoptera)
- Pheidole megacephala* (Hymenoptera)
- Podagrica malvae* (Coleoptera)

LINUM:

- Attageus gloriosae* (Coleoptera)

LITCHI:

- Pachybrachius nietneri* (Hemiptera)

LONAS:

- Bradybaena similis* (Mollusca)

LONICERA:

- Aspidiotus excisus* (Homoptera)
- Ferrisiana virgata* (Homoptera)

LUPINUS:

- Bruchus tristis* (Coleoptera)

LYCIUM:

- Ceroplastes rubens* (Homoptera)

LYCOPERSICON:

- Prochymena aculeata* (Hemiptera)
- Cossonus canaliculatus* (Coleoptera)
- Crepidodera asphaltina* (?) (Coleoptera)
- Dacus cucurbitae* (Diptera)
- Dacus dorsalis* (Diptera)
- Disonychia antennata* (Coleoptera)
- Dysdercus mimulus* (Hemiptera)
- Emesopsis nubilus* (Hemiptera)
- Exochiomeria oblonga* (Hemiptera)
- Gnorimoschema gudmannella* (Lepidoptera)

LYCOPERSICON—Continued

- Ligyrocoris aurivilliana* (Hemiptera)
- Lineodes integra* (Lepidoptera)
- Neoleucinodes elegantalis* (Lepidoptera)
- Platynota rostrana* (Lepidoptera)
- Valtissus diversus* (Hemiptera)

MACADAMIA:

- Cryptophlebia illepidia* (Lepidoptera)

MALUS:

- Anastrepha ludens* (?) (Diptera)
- Argyresthia conjugella* (Lepidoptera)
- Carposina sasakii* (Lepidoptera)
- Ceratitus capitata* (Diptera)
- Epidiaspis piricola* (Homoptera)
- Lepidosaphes conchiformis* (Homoptera)
- Parlatoria oleae* (Homoptera)
- Phagoletis pomonella* (Diptera)
- Sesamia venteria* (Lepidoptera)

MAMMEA:

- Anastrepha ludens* (Diptera)
- Anastrepha serpentina* (?) (Diptera)
- Ligyrocoris nitidicollis* (Hemiptera)

MAMMILLARIA:

- Sizeonotus luteiceps* (Hemiptera)

MANGIFERA:

- Anastrepha ludens* (Diptera)
- Anastrepha mombinpraeoptans* (Diptera)
- Aulacaspis tubercularis* (Homoptera)
- Ceratitus capitata* (?) (Diptera)
- Cryptorhynchus mangiferae* (Coleoptera)
- Dacus dorsalis* (Diptera)
- Leucaspis indica* (Homoptera)
- Parlatoria morrisoni* (Homoptera)
- Pseudosnoidia trilobitiformis* (Homoptera)

MANIHOT:

- Ferrisiana virgata* (Homoptera)

MATHIOLA:

- Iridomyrmex humilis* (Hymenoptera)
- Sparticus villosus* (Coleoptera)

MEDICAGO:

- Acrosternum armiger* (Hemiptera)
- Agalliana ensigera* (Homoptera)
- Anthomyza cursor* (Diptera)

MENTHA:

- Phenacoccus madeirensis* (Homoptera)

MERTENSIA:

- Anuraphis helichrysi* (Homoptera)

MESPIUS:

- Laspeyresia splendana* (Lepidoptera)

MIMOSA:

- Iridomyrmex humilis* (Hymenoptera)
- Thrips angusticeps* (Thysanoptera)

MONSTERA:

- Pinnaspis buxi* (Homoptera)

MORAEA:

- Chrysomphalus pinnulifera* (Homoptera)

MORINDA:

- Dialeurodes kirkaldyi* (Homoptera)

MURRAYA:

- Dialeurodes kirkaldyi* (Homoptera)
- Stephanoderes buscki* (Coleoptera)

MUSA:

- Cosmopolites sordidus* (Coleoptera)
- Dacus dorsalis* (Diptera)
- Heterotermes tenuis* (Isoptera)
- Metamasius sericeus* (Coleoptera)
- Metamasius sericeus* var. (Coleoptera)

MUSCARI:

- Ezozoma lusitanica* (Coleoptera)
- Lampetia equestris* (Diptera)

MYOSOTIS:

- Anuraphis helichrysi* (Homoptera)

NARCISSUS:

- Euemerus strigatus* (Diptera)
- Lampetia equestris* (Diptera)
- Tarsonemus laticeps* (Arachnida)

NERIUM:

- Diaprepes familiaris* var. (Coleoptera)
- Frankliniella difficilis* (Thysanoptera)
- Frankliniella insularis* (Thysanoptera)
- Haplothrips gowdeyi* (Thysanoptera)
- Morganella longispina* (Homoptera)
- Parlatoria morrisoni* (Homoptera)
- Pheidole megacephala* (Hymenoptera)
- Phenacaspis sandwicensis* (Homoptera)

Hosts and insects—Continued

OCHROSIA:

Dacus dorsalis (Diptera)

ODONTOGLOSSUM:

Amorbia emigratella (?) (Lepidoptera)

Pseudischaspis alienus (Homoptera)

OLEA:

Aleurolobus olivinus (Homoptera)

Dacus oleae (Diptera)

Leucaspis riccae (Homoptera)

Parlatoria oleae (Homoptera)

Phloeotribus scarabaeoides (Coleoptera)

Pollinia pollini (Homoptera)

Prays oleellus (Lepidoptera)

ONCIDIUM:

Asterolecanium epidendri (Homoptera)

Chrysomphalus umboniferus (Homoptera)

Coccus pseudohesperidum (Homoptera)

Conchaspis angraeci (Homoptera)

Cryphula apicatus (Hemiptera)

Furcaspis biformis (Homoptera)

Iridomyrmex iniquus (Hymenoptera)

Pseudoparlatoria ostreata (Homoptera)

Pseudoparlatoria serratulae (Homoptera)

Tenthecoris venezuelensis (Hemiptera)

ONOBRYCHIS:

Eurytoma onobrychidis (Hymenoptera)

OPUNTIA:

Ceratitis capitata (Diptera)

Lepidosaphes philococcus (Homoptera)

Sesamia vutera (Lepidoptera)

ORCHID:

Acroleucus vicinalis (Hemiptera)

Aleuroglanulus emmae (Homoptera)

Antilocoris punctatus (Hemiptera)

Aspidiotus destructor (Homoptera)

Asterolecanium epidendri (Homoptera)

Automeris randa (Lepidoptera)

Calligrapha diversa (Coleoptera)

Capaneus tetricus (Hemiptera)

Ceutorhynchus assimilis (Coleoptera)

Chrysomphalus nigropunctatus (Homoptera)

Chrysomphalus odontoglossi (Homoptera)

Chrysomphalus tenax (Homoptera)

Chrysomphalus umboniferus (Homoptera)

Conchaspis angraeci (Homoptera)

Copaza lavendera (Lepidoptera)

Corimelaena elegans (Hemiptera)

Crophius scabrosus (Hemiptera)

Cryphula apicatus (Hemiptera)

Ctenochira cumulata (Coleoptera)

Diorymerella laenimargo (Coleoptera)

Eurytoma orchidearum (Hymenoptera)

Erptochiomera albomaculata (Hemiptera)

Erptochiomera oblonga (Hemiptera)

Furcaspis biformis (Homoptera)

Iridomyrmex humilis (Hymenoptera)

Iridomyrmex leucomelas (Hymenoptera)

Kleidocerys godmani (Hemiptera)

Lepidosaphes tuberculata (Homoptera)

Ligyrocoris abdominalis (Hemiptera)

Ligyrocoris aurivilliana (Hemiptera)

Ligyrocoris nitidicollis (Hemiptera)

Lygaeus circumplicatus (Hemiptera)

Lygaeus vitticollis (Hemiptera)

Macropygium reticulare (Hemiptera)

Mordellistena cattlejana (Coleoptera)

Nasutitermes nigriceps (Isoptera)

Nephotettix apicalis (Homoptera)

Ogdoecosta biannularis (Coleoptera)

Ozophora consanguineus (Hemiptera)

Parallelodiplosis cattleyae (Diptera)

Parlatoria pseudaspidiotus (Homoptera)

Phatnoma annulipes concisa (Hemiptera)

Physonota disjuncta (Coleoptera)

Physorhinus distigma (Coleoptera)

Plagiodera semivittata (Coleoptera)

Plagiodera thymaloidea (Coleoptera)

Pseudaoonidia tesserrata (Homoptera)

Pseudischaspis alienus (Homoptera)

Pseudoparlatoria ostreata (Homoptera)

Pseudoparlatoria serratulae (Homoptera)

Puto mexicanus (Homoptera)

Tenthecoris angustimarginatus (Hemiptera)

Tenthecoris bicolor (Hemiptera)

Tenthecoris confusus (Hemiptera)

ORCHID—Continued

Tenthecoris distinguendus (Hemiptera)

Vinsonia stellifera (Homoptera)

ORNITHOGALUM:

Haplothrips bagnalli (Thysanoptera)

Paromius gracilis (Hemiptera)

ORYZA:

Chilo simplex (Lepidoptera)

Gelasma illitirata (Lepidoptera)

PALM:

Coccotrypes pygmaeus (Coleoptera)

Elytroteinus subtruncatus (Coleoptera)

Iridomyrmex humilis (Hymenoptera)

PANDANUS:

Pseudococcus pandani (Homoptera)

PAPAVER:

Anuraphis helichrysi (Homoptera)

PASPALUM:

"*Targionia*" *sacchari* (Homoptera)

PASSIFLORA:

Frankliniella insularis (Thysanoptera)

PELARGONIUM:

Bradybaena similis (Mollusca)

PERISTERIA:

Iridomyrmex iniquus (Hymenoptera)

PERSEA:

Anastrepha ludens (Diptera)

Aspidiotus destructor (Homoptera)

Aspidiotus diffinis (Homoptera)

Ceratitis anonae (Diptera)

Chrysomphalus personatus (Homoptera)

Conotrachelus aguacatae (Coleoptera)

Conotrachelus perseae (Coleoptera)

Dacus dorsalis (?) (Diptera)

Erptochiomera albomaculata (Hemiptera)

Lygaeus consanguinitus (Hemiptera)

Platypus rugulosus (Coleoptera)

Stenoma catenifer (Lepidoptera)

PHALAENOPSIS:

Monomorium destructor (Hymenoptera)

PHASEOLUS:

Bradybaena similis (Mollusca)

Callosobruchus pulcher (Coleoptera)

Epinotia opposita (Lepidoptera)

Everes comynas (Lepidoptera)

Fundella pellucens (Lepidoptera)

Maruca testulalis (Lepidoptera)

PHILODENDRON:

Aspidiotus diffinis (Homoptera)

Chrysomphalus scutiformis (Homoptera)

Chrysomphalus sphaeroides (Homoptera)

Chrysomphalus tenax (Homoptera)

Dione moneta poeyii (Lepidoptera)

Ferrissiana virgata (Homoptera)

Neoleucon horribilis (Hemiptera)

Pinnaspis buxi (Homoptera)

Protopulvinaria pyrriformis (Homoptera)

PHOEBE:

Helitropus parvulus (Coleoptera)

PHORADENDRON:

Diaspis miranda (Homoptera)

PHOTINIA:

Dialeurodes citri (Homoptera)

PHYSALIS:

Rhagoletis striatella (Diptera)

PICEA:

Callidium violaceum (Coleoptera)

Drymus brunneus (Hemiptera)

Ernobius abietus (Coleoptera)

Gastroles pacificus (Hemiptera)

Laspeyresia strobilella (Lepidoptera)

Pityogenes chalcographus (Coleoptera)

Pogonocherus fasciculatus (Coleoptera)

Teopropium fuscum (Coleoptera)

PINUS:

Callidium violaceum (Coleoptera)

Hyurgops palliatus (Coleoptera)

Ips combrae (Coleoptera)

Ips typographus (Coleoptera)

Lepidosaphes newsteadi (Homoptera)

Leucaspis loewi (Homoptera)

Leucaspis signoretti (Homoptera)

Orthotomicus erosus (Coleoptera)

Orthotomicus laricis (Coleoptera)

Pityogenes bidentatus (Coleoptera)

Hosts and insects—Continued

PINUS—Continued

- Pityogenes chalcographus* (Coleoptera)
 "Poliaspis" pini (Homoptera)
Polygraphus poligraphus (Coleoptera)
Pseudococcus pini (Homoptera)

PISUM:

- Ancylostomia stercorea* (Lepidoptera)
Bruchus emarginatus (Coleoptera)

PISTACIA:

- Chrysomphalus inopinatus* (Homoptera)
Megastigmus pistaciae (Hymenoptera)

PITHECELLOBIUM:

- Tetraleurodes acaciae* (Homoptera)

PITTOSPORUM:

- Pulvinaria psidii* (Homoptera)

PLUMERIA:

- Aspidiotus herculeanus* (Homoptera)

POLIANTHES:

- Ferrisia virgata* (Homoptera)

PORTULACA:

- Lozostege helvialis* (Lepidoptera)
Lozostege similis (Lepidoptera)
Pantomorus godmani (Coleoptera)

PROSOPIS:

- Xylobius texanus* (Coleoptera)

PROTEA:

- Antestia variegata lineaticollis* (Hemiptera)
Homothrips distinctus (Thysanoptera)
Iridomyrmex humilis (Hymenoptera)

PRUNUS AMYGDALUS AMARA:

- Anastrepha suspensa* (Diptera)

PRUNUS ARMENIACA:

- Ceratitis capitata* (?) (Diptera)

PRUNUS AVIUM:

- Anthonomus rectirostris* (Coleoptera)

PRUNUS DOMESTICA:

- Ceratitis capitata* (Diptera)
Iridomyrmex humilis (Hymenoptera)
Oedionychis decorata (Coleoptera)

PRUNUS PADUS:

- Anthonomus rectirostris* (Coleoptera)

PRUNUS PERSICA:

- Anastrepha ludens* (Diptera)
Ceratitis capitata (Diptera)
Grapholitha packardii (Lepidoptera)

PRUNUS SP. (cherry):

- Rhagoletis cerasi* (Diptera)

PSIDIUM:

- Aleurothrixus floccosus* (Homoptera)
Anastrepha striata (Diptera)
Anastrepha suspensa (Diptera)
Ceratitis capitata (Diptera)
Lechriops psodii (Coleoptera)
Paraleurodes goyabae (?) (Homoptera)

PTYCHOSPERMA:

- Coccotrypes pygmaeus* (Coleoptera)

PUERARIA:

- Callosobruchus ademptus* (Coleoptera)

PUNICA:

- Anastrepha ludens* (?) (Diptera)
Cryptoblabes gnidiella (Lepidoptera)
Myelois ceratoniae (Lepidoptera)
Parlatoria theae (Homoptera)
Siphoninus phyllirae (Homoptera)

PYRUS:

- Anastrepha ludens* (Diptera)
Ceratitis capitata (Diptera)
Chrysomphalus inopinatus (Homoptera)
Ipichlides podalirius (Lepidoptera)
Parlatoria oleae (Homoptera)

QUERCUS:

- Stenygrinus quadrinotatus* (Coleoptera)
Trialeurodes multipori (Homoptera)
Trialeurodes oblongifoliae (Homoptera)

RAPHANUS:

- Rhopalosiphoninus tulipaeus* (Homoptera)

RHODODENDRON:

- Chaetocnema hortensis* (Coleoptera)
Dialeurodes chittendeni (Homoptera)
Drymus assimilis (Hemiptera)
Drymus brunneus (Hemiptera)
Drymus sylvaticus (Hemiptera)
Gracilaria azaleella (Lepidoptera)
Phenacoccus azaleae (Homoptera)
Psylla rhododendri (Homoptera)

RHODODENDRON—Continued

- Reticulitermes speratus* (Isoptera)
Vesiculaphis caracis (Homoptera)

RIBES:

- Aphis grossulariae* (?) (Homoptera)
Eurydema oleraceum (Hemiptera)

RORIPPA:

- Egergestis rimosalis* (Lepidoptera)

ROSA:

- Amorbia emigratella* (Lepidoptera)
Frankliniella cubensis (Thysanoptera)
Frankliniella insularis (Thysanoptera)
Iridomyrmex humilis (Hymenoptera)
Myzaphis bucktoni (?) (Homoptera)
Parlatoria oleae (Homoptera)
Plagiognathus arbustorum (Hemiptera)
Platynota rostrana (Lepidoptera)
Rhagoletis alternata (Diptera)
Selenothrips rubrocinctus (Thysanoptera)
Tetraleurodes quadratus (Homoptera)
Thrips angusticeps (Thysanoptera)

ROSMARINUS:

- Chrysolina americana* (Coleoptera)
Erosoma lusitanica (Coleoptera)

RUBUS:

- Brachyrhinus ovatus* (Coleoptera)

RUSCUS:

- Aspidiotus britannicus* (Homoptera)

RUTA:

- Phenacoccus madeirensis* (Homoptera)

SACCHARUM:

- Diatraea magnifacella* (Lepidoptera)
Iridomyrmex humilis (Hymenoptera)
Monomorium destructor (Hymenoptera)
Pseudococcus boninensis (Homoptera)
 "Targionia" sacchari (Homoptera)
Trionymus sacchari (Homoptera)

SALVIA:

- Eurytoma cynipsea* (Hymenoptera)

SAMANEA:

- Oedopeza pogonocheroides* (Coleoptera)

SAPOTE:

- Anastrepha ludens* (Diptera)
Anastrepha serpentina (Diptera)

SASA:

- Antonina sasae* (Homoptera)

SCHOMBURGKIA:

- Chrysomphalus umboniferus* (Homoptera)

SECHIM:

- Platynota rostrana* (Lepidoptera)

SEDUM:

- Microplax interrupta* (Hemiptera)

SIBIRAEAE:

- Aleyrodes spiraeoides* (Homoptera)

SINNINGIA:

- Cylindronotus laevioctostriatus* (Coleoptera)

SOIL:

- Acrolepia assectella* (Lepidoptera)
Adela viridella (Lepidoptera)
Anomala orientalis (?) (Coleoptera)
Epicomis hirta (Coleoptera)
Iridomyrmex humilis (Hymenoptera)
Oxyetonia jucunda (Coleoptera)
Pheidole megacephala (Hymenoptera)
Scolopostethus decoratus (Hemiptera)
Serica brunnea (Coleoptera)
 SOLANUM ELAEAGNIFOLIUM:
Zonosemata electa (Diptera)
 SOLANUM MELONGENA:
Leucinodes orbonalis (?) (Lepidoptera)
Neoleucinodes elegantalis (Lepidoptera)
 SOLANUM TUBEROSUM:
Epicaerus cognatus (Coleoptera)
Erptochiumera albomaculatus (Hemiptera)

SORBUS:

- Lecanium coryli* (Homoptera)

SORGHUM:

- Pyrausta nubilalis* (Lepidoptera)

SPARTIUM:

- Spartea villosus* (Coleoptera)

SPONDIAS:

- Anastrepha mombinpraepotans* (Diptera)
Aspidiotus herculeanus (Homoptera)
Pseudonidia trilobitiformis (Homoptera)

Hosts and insects—Continued

STANHOPEA:

Vinsonia stellifera (Homoptera)

STRELITZIA:

Iridomyrmex humilis (Hymenoptera)

Phenacaspis sandwicensis (Homoptera)

Taeniothrips hawaiiensis (Thysanoptera)

STROPHANTHUS:

Aspidiotus spiniger (Homoptera)

SWIETENIA:

Nasutitermes corniger (Isoptera)

THAMNOCHORTUS:

Iridomyrmex humilis (Hymenoptera)

TILLANDSIA:

Ligyrocoris nitidicollis (Hemiptera)

TODEA:

Ceroplastes rubens (Homoptera)

TRIFOLIUM:

Mamestra brassicae (Lepidoptera)

Megophthalmus scanicus (Homoptera)

Thrips angusticeps (Thysanoptera)

TRITONIA:

Iridomyrmex humilis (Hymenoptera)

TULIPA:

Rhopalosiphoninus tulipae (Homoptera)

VANDA:

Furcaspis biformis (Homoptera)

Nysius coenosulus (Hemiptera)

Pachybrachius nietneri (Hemiptera)

Pachybrachius nigricipes (Hemiptera)

Parlatoria pseudaspidiotus (Homoptera)

VANILLA:

Lepidosaphes punicea (Homoptera)

Vinsonia stellifera (Homoptera)

VIBURNUM:

Frauenfeldia jelinekii (Homoptera)

VICIA:

Apion pomonae (Coleoptera)

Bruchidius incarnatus (Coleoptera)

Bruchidius quinqueguttatus (Coleoptera)

Bruchus atomarius (Coleoptera)

Bruchus azoricus (Coleoptera)

Bruchus brachialis (Coleoptera)

Bruchus dentipes (Coleoptera)

VICIA—Continued

Bruchus ervi (Coleoptera)

Bruchus guttalis (Coleoptera)

Bruchus hamatus (Coleoptera)

Bruchus luteicornis (Coleoptera)

Bruchus rufipes (Coleoptera)

Bruchus signaticornis (Coleoptera)

Bruchus tristiculus (Coleoptera)

Bruchus tristis (Coleoptera)

Bruchus ulicis (Coleoptera)

Neodryocetes caribaeus (Coleoptera)

Sphentheris leguminum (Hymenoptera)

VINCENTIA:

Amorbia emigratella (Lepidoptera)

VITIS:

Carbula marginella (Hemiptera)

Cletus ochraceus (Hemiptera)

Eurygaster maura (Hemiptera)

Iridomyrmex humilis (Hymenoptera)

Leptoglossus chilensis (Hemiptera)

Parlatoria oleae (Homoptera)

Phlyctinus callosus (Coleoptera)

Polychrosis botrana (Lepidoptera)

Stenoscelis hylastoides (Coleoptera)

WISTERIA:

Myrmedobia tenella (Hemiptera)

XANTHIUM:

Camaromyia bullans (Diptera)

XYLOSMA:

Tetraleurodes fici (Homoptera)

ZANTEDESCHIA:

Thrips flavus (Thysanoptera)

ZEA:

Euresta annonae (Diptera)

Erptophiomera albomaculata (Hemiptera)

Moodna bisinuella (Lepidoptera)

Sesamia cretica (Lepidoptera)

ZINGIBER:

Dinoderus bifoveolatus (Coleoptera)

Palaeopus costicollis (Coleoptera)

Sybra alternans (Coleoptera)

ZIZYPHUS:

Pseudanidia trilobitiformis (Homoptera)

Host unknown

AIRPLANE:

Colaspis inconspicua (Coleoptera)

Dacus dorsalis (Diptera)

Disonychia militaris (Coleoptera)

Hyalopopulus pellucida (Hemiptera)

Lema bilineata (Coleoptera)

Melolontha melolontha (Coleoptera)

Mimosestes dominicanus (Coleoptera)

Mitrapssylla albolineata (Homoptera)

Nysius coenosulus (Hemiptera)

Nysius dallasi (Hemiptera)

Nysius delectus (Hemiptera)

Nysius terrestris (Hemiptera)

Pantomorus godmani (Coleoptera)

Perkinsiella saccharicida (Homoptera)

Perkinsiella vastatrix (Homoptera)

Sitona lineata (Coleoptera)

Tubifera arvorum (Diptera)

AUTOMOBILE:

Jadera sanguinolenta (Hemiptera)

BAG CONTAINING GUAVAS AND SPONDIAS SPP.:

Anastrepha mombinpraeoptans (Diptera)

BAGGAGE:

Adoretus sinicus (Coleoptera)

BEAN:

Acanthoscelides armitagei (Coleoptera)

Bruchus tristis (Coleoptera)

BURLAP:

Brachyrhinus sulcatus (Coleoptera)

CARDBOARD CARTON:

Cryptotermes brevis (Isoptera)

CUTTING:

Furcaspis biformis (Homoptera)

FERN:

Ceroplastes rubens (Homoptera)

Furcaspis biformis (Homoptera)

FLOWERS:

Haplothrips gowdeyi (Thysanoptera)

Pulvinaria tyleri (Homoptera)

Thrips angusticeps (Thysanoptera)

FOREST LITTER:

Scirpus biguttatus (Hemiptera)

GALLNUT:

Adleria gallae-tinctoriae (Hymenoptera)

GRAIN:

Dinoderus brevis (Coleoptera)

GRASS:

Bruchus luteicornis (Coleoptera)

"Targionia" *sacchari* (Homoptera)

HERB:

Maruca testulalis (Lepidoptera)

LEAF:

Aleurotrachelus trachoides (Homoptera)

Aspidiotus palmarum (Homoptera)

Chrysomphalus sphaeroides (Homoptera)

Dialeurodes citrifolii (Homoptera)

Dialeurodes setigera (Homoptera)

Florinia phantasma (Homoptera)

Furcaspis biformis (Homoptera)

Haplothrips gowdeyi (Thysanoptera)

Tetraleurodes acaciae (Homoptera)

Tetraleurodes ursorum (Homoptera)

LEGUME:

Aspidiotus palmarum (Homoptera)

Bruchus tristis (Coleoptera)

Callosobruchus phaseoli (Coleoptera)

Callosobruchus pulcher (Coleoptera)

Tetraleurodes acaciae (Homoptera)

MOSS AND SOIL PACKING:

Plinthius brevipennis (Hemiptera)

PACKING:

Plinthius minutissimus (Hemiptera)

Host unknown—Continued

PLANT:

- Aleurocanthus woglumi* (Homoptera)
Chrysomphalus scutiformis (Homoptera)
Coccus viridis (Homoptera)
Diaprepes abbreviatus var. (Coleoptera)
Ferrisia virgata (Homoptera)
Iridomyrmex humilis (Hymenoptera)
Ozineus prolixus (Coleoptera)
Sireonotus luteiceps (Hemiptera)
- PSEUDOBULB:
Furcaspis biformis (Homoptera)
- REFRIGERATOR IN TRAILER:
Anastrepha ludens (Diptera)
- RETURNED MILITARY EQUIPMENT
Achatina fulica (Mollusca)
- SCRAP METAL:
Achatina fulica (Mollusca)
- SPHAGNUM MOSS:
Rhyarochromus chiragra (Hemiptera)
- SUITCASE SHAKEOUT:
Anastrepha mombinpraeoptans (Diptera)
- WEED:
Pachyzancla periusalis (Lepidoptera)

WOOD:

- Bostrychophiles cornutus* (Coleoptera)
Callidium violaceum (Coleoptera)
Coptotermes formosanus (Isoptera)
Coptotermes niger (Isoptera)
Cryptotermes brevis (Isoptera)
Heterobostrychus aequalis (Coleoptera)
Heterobostrychus brunneus (Coleoptera)
Kaloterms immigrans (Isoptera)
Neoclytus caccius (Coleoptera)
Pityogenes bidentatus (Coleoptera)
Pityogenes chalcographus (Coleoptera)
Sinoxylon anale (Coleoptera)
Sinoxylon cornigerum (Coleoptera)
Sinoxylon serdentatum (Coleoptera)
- WOODS MOSS:
Acanthoscelides armitagei (Coleoptera)
Chaetocnema concinna (Coleoptera)
Drymus assimilis (Hemiptera)
Galerucella lineola (Coleoptera)
Newsteadia floccosa (Homoptera)
Orthezia cataphracta (Homoptera)
Ortheziola vejderskyi (Homoptera)

Countries of origin and insects

ALGERIA:

- Ceratitis capitata*
Parlatoria zizyphus
- AMERICAN SAMOA:
Aspidiotus pangoensis
- AMERICAN VIRGIN ISLANDS:
Acanthoscelides armitagei
Vinsonia stellifera

ANGOLA:

- Stephanoderes hampei*

ANTIGUA:

- Cylas formicarius elegantulus*
Monomorium destructor
Pectinophora gossypiella
Pinnaspis buxi

ARGENTINA:

- Acrosternum armiger*
Agalliana ensigera
Anthomyza cursor
Coccotrypes pygmaeus
Diabrotica speciosa
Limothrips cerealium
Parlatoria cinerea
Pheidole megacephala
Pseudaonidia trilobitiformis
Rhinacloa subpallicornis
Unaspis citri

ARUBA:

- Fundella pellucens*
Orthezia praelonga

AUSTRALIA:

- Camaromyia bullans*
Ceroplastes rubens
Lepidosaphes tuberculata
Pinnaspis buxi
Psylla uncatata

AUSTRIA:

- Anthonomus rectirostri*

AUSTRIA (?):

- Ceratitis capitata*

AZORES:

- Apion pomonae*
Bruchus azoricus
Bruchus guttalis
Bruchus luteicornis
Bruchus tristis
Ceratitis capitata
Ceroplastes ruscii
Iridomyrmex humilis
Laspeyresia splendana
Targionia bromiliae

BAHAMAS:

- Aleurocanthus woglumi*
Coccus viridis
Dialeurodes citrifolii
Gnorimoschema gudmannella
Morganella longispina

BARBADOS:

- Cryptotermes brevis*
Euscepes postfasciatus
Stephanoderes buscki
 "Targionia" hartii

BATAVIA:

- Parlatoria pseudaspidiotus*

BELGIAN CONGO:

- Pseudaonidia trilobitiformis*

BELGIUM:

- Acanthoscelides armitagei*
Cylindronotus laevioctostriatus
Gracilaria azalella
Hylurgops palliatus
Lepidosaphes tuberculata
Pityogenes chalcographus
Sparteus villosus

BERMUDA:

- Anuraphis helichrysi*
Bradybaena similis
Diaprepes familiaris var.
Epinotia lantana (?)
Euzesta notata
Frankliniella cubensis
Frankliniella difficilis
Frankliniella insularis
Haplothrips gowdeyi
Iridomyrmex humilis
Kaloterms snyderi
Pheidole megacephala
Pseudococcus boninensis
Pulvinaria psidii
Rhinacloa subpallicornis

BRAZIL:

- Anastrepha grandis*
Anastrepha mombinpraeoptans
Ancylostoma stercora
Aspidiotus palmarum
Asterolecanium epidendri
Ceratitis capitata
Chrysomphalus personatus
Coccotrypes pygmaeus
Coccus viridis
Dialeurodes platensis (?)
Dinoderus bifoveolatus
Epinotia opposita
Eurytoma orchidearum
Euscepes postfasciatus
Furcaspis biformis
Gymnandrosoma aurantianum
Heilipus parvulus
Iridomyrmex iniquus
Iridomyrmex leucomelas
Maruca testulalis
Mordellistena cattleyana
Neoleucinodes elegantalis
Oedopeza pogonocheroides

Countries of origin and insects—Continued

BRAZIL—Continued

Ozineus prolixus
Parlatoria cinerea
Pectinophora gossypiella
Pinaspis buzi
Platypus rugulosus
Pseudoanidia trilobitiformis
Stenoma catenifer
Stephanoderes hampei
Tenthecoris bicolor
Unaspis citri
Vinsonia stellifera

BRITISH COLUMBIA:

Aleyrodes spiraeoides
Sitona lineata

BRITISH GUIANA:

Ancylostomia stercorea
Euxesta annonae
Furcaspis biformis
Maruca testulalis

BRITISH WEST INDIES:

Acanthoscelides armitagei
Callosobruchus phaseoli
Coccus viridis
Unaspis citri
Vinsonia stellifera

BULGARIA:

Bruchus rufipes

CANADA:

Brachyrhinus ovatus
Gastrodes pacificus
Sitona lineata

CANAL ZONE:

Acanthoscelides armitagei
Anastrepha mombinpraeoptans (?)
Ancylostomia stercorea
Aspidiotus destructor
Chrysomphalus tenax
Chrysomphalus umboniferus
Furcaspis biformis
Heterotermes convexinotatus
Leucaspis cockerelli
Parallelodiplosis cattleyae
Phelomerus aberrans
Pinaspis buzi
Pseudischinaspis alienus
Pseudococcus probrevipis
Stenoma catenifer
Stephanoderes buscki
 "Targionia" hartii
Tenthecoris distinguendus
Vinsonia stellifera

CANARY ISLANDS:

Ceratitis capitata

CANTON ISLAND:

Ferrisia virgata

CHILE:

Iridomyrmex humilis
Lampetia equestris
Leptoglossus chilensis
Oedionychis decorata

CHINA:

Callosobruchus ademptus
Chilo simplex
Chionaspis elongata
Coptotermes formosanus
Parlatoria camelliae
Parlatoria zizyphus
Taeniothrips hawaiiensis

COLOMBIA:

Aleurocanthus woglumi
Aleurothrixus floccosus
Asterolecanium epidendri
Eurytoma orchidearum
Furcaspis biformis
Lincus rufospilotus
Metamasius sericeus var.
Mimosestes dominicanus
Paraleyrodes citricolus
Pseudoanidia tesserrata
Pseudoparlatoria ostreata
Stenoma catenifer
Tenthecoris venezuelensis

CORSICA (?):

Leucaspis signoreti

COSTA RICA:

Aleurocanthus woglumi
Amorbia emigratella (?)
Anastrepha mombinpraeoptans
Aspidiotus destructor
Aspidiotus diffinis
Asterolecanium epidendri
Chrysomphalus personatus
Chrysomphalus tingi
Chrysomphalus umboniferus
Fulvius brevicornis
Furcaspis biformis
Lepidosaphes tokionis
Metamasius sericeus
Platypus rugulosus
Pseudischinaspis alienus
Stenoma catenifer
Tetraleurodes ursorum

CUBA:

Aleurotrachelus trachoides
Anastrepha mombinpraeoptans
Anastrepha suspensa
Aspidiotus destructor
Asterolecanium epidendri
Aulacaspis tubercularis
Coccus viridis
Conchaspis angraei
Crocidosema plebeiana
Cylas formicarius elegantulus
Frankliniella cubensis
Genopaschia protomis (?)
Gnorimoschema gudmannella
Leucaspis indica
Maruca testulalis
Parallelodiplosis cattleyae
Parlatoria cinerea
Parlatoria crotonis
Pheidole megacephala
Platynota rostrana
Protopulvinaria pyriformis
Pseudoparlatoria ostreata
Ribua innoria
 "Targionia" hartii
Vinsonia stellifera

CYPRUS:

Aleurolobus olivinus
Bruchus dentipes
Ceratitis capitata

CZECHOSLOVAKIA:

Ips typographus
Thrips angusticeps
Thrips flavus

DENMARK:

Brachyrhinus ovatus
Chaetocnema concinna
Chaetocnema hortensis
Drymus assimilis
Sparteus villosus
Taeniothrips atratus

DOMINICA:

Aulacaspis tubercularis
Vinsonia stellifera

DOMINICAN REPUBLIC:

Anastrepha mombinpraeoptans
Anastrepha striata
Aspidiotus herculeanus
Coccus viridis
Cylas formicarius elegantulus
Frankliniella insularis
Mimosestes dominicanus
Pectinophora gossypiella

ECUADOR:

Anastrepha striata (?)
Aspidiotus destructor
Metamasius sericeus
Metamasius sericeus var.
Stenoma catenifer

EGYPT:

Bruchidius incarnatus
Ceratitis capitata
Chilo simplex (?)
Cylas formicarius var.
Parlatoria zizyphus
Pectinophora gossypiella

Countries of origin and insects—Continued

ENGLAND:

Adrastus limbatus
Anuraphis helichrysi
Aspidiotus britannicus
Cacoecia promubana
Chaetocnema hortensis
Drymus assimilis
Drymus brunneus
Drymus sylvaticus
Epdiaspis piricola
Ebergestis forficatus
Hylesinus frazini
Lampetia equestris
Laspeyresia splendana
Lecanium coryli
Leperisinus frazini
Lepidosaphes tuberculata
Mamestra brassicae
Myzus ascalonicus
Newsteadia floccosa
Orthezia cataphracta
Orthochaetes setiger
Parlatoria oleae
Psylliodes chrysocephala
Rhopalosiphoninus tulipaeillus
Tarsonemus laticeps
Thrips angusticeps

FINLAND:

Argyresthia conjugella
Callidium violaceum
Pogonocherus fasciculatus

FORMOSA:

Cylas formicarius var.

FRANCE:

Acanthoscelides spinipes
Acrolepta assectella
Adela viridella
Apion carduorum
Apion carduorum var.
Bruchidius aurivillii
Bruchus luteicornis
Bruchus tristictus
Ceratitis capitata
Crioceris lilii
Epicomis hirta
Eumerus strigatus
Fulvius brevicornis
Gortyna flavago
Heterogaster urticae
Iridomyrmex humilis
Lampetia equestris
Laspeyresia splendana
Leucaspis signoreti
Mamestra brassicae
Niphona picticornis
Orthezia vejdoskyi
Phalonia zephyrana
Pieris brassicae
Podagrica malvae
Pollinia pollini
Pyrausta nubilalis
Rhagoletis cerasi

FRENCH CAMEROONS:

Aspidiotus spiniger

FRENCH WEST AFRICA:

Ceratitis capitata (?)
Phalonia zephyrana

GALAPAGOS ISLANDS:

Chrysomphalus odontoglossi

GERMANY:

Anthonomus rectirostris
Bruchus lentis
Bruchus luteicornis
Callidium violaceum
Ceroplastes ruscii
Chilo simplex
Coccus pseudohesperidum
Dicyphus errans
Ernobius abietis
Eurydema oleraceum
Hebrus pusillus
Hylurgops palliatus
Ips typographus
Laspeyresia strobilella
Phalonia zephyrana

GERMANY—Continued

Pityogenes bidentatus
Pityogenes chalcographus
Polygraphus poligraphus
Rhagoletis cerasi
Rhyparochromus chiragra
Spintherus leguminum
Taeniothrips atratus
Thrips angusticeps

GOLD COAST:

Bostrychophytes cornutus
Caryedon fuscus
Ceratitis anonae
Heterobostrychus aequalis
Heterobostrychus brunneus
Oryzaenus hyalinipennis
Pectinophora gossypiella

GREECE:

Acanthoscelides spinipes
Bruchus tristictus
Bruchus tristis
Ceroplastes ruscii
Cryptoblabes gnidiella
Dacus oleae
Eurygaster maura
Eurytoma cynipsea
Frauenfeldiella jelinekii
Haplothrips cottei
Laspeyresia splendana
Lepidosaphes ficus
Leucaspis riccae
Parlatoria oleae
Rhagoletis cerasi (?)
Siphoninus phylliraeae
Stephanitis pyri

GUAM:

Achatina fulica
Aonidiella inornata
Ceroplastes rubens
Dacus dorsalis
Furcaspis biformis
"Lepidosaphes" esakii
Lepidosaphes punicae
Odonaspis greeni
Parlatoria pseudaspidotus
Pseudococcus palmarum
"Targionia" sacchari

GUATEMALA:

Anastrepha ludens
Anastrepha mombinpraeoptans
Astyochus setiger
Chrysomphalus personatus
Chrysomphalus tenax
Chrysomphalus umboniferus
Coccus pseudohesperidum
Colaspis inconspicua
Conotrachelus perseae
Cryphula apicatus
Dione moneta poeyii
Disonychia militaris
Erpotochiomera albomaculata
Ferrissiana virgata
Iridomyrmex iniguus
Nasutitermes nigriceps
Neoclytus cacticus
Ogdococta biannularis
Platypus rugulosus
Pseudischinaspis alienus
Pseudoparlatoria ostreata
Tetraleurodes acaciae

HAITI:

Acanthoscelides armitagei
Anastrepha mombinpraeoptans
Ancylostoma stercora
Anuraphis helichrysi
Aspidiotus destructor
Cylas formicarius var.
Frankliniella insularis
Haplothrips goudyei
"Targionia" sacchari

HAWAII:

Adoretus sinicus
Amorbia emigratella
Aracercus vieillardi
Aspidiotus herculeanus

Countries of origin and insects—Continued

HAWAII—Continued

Caryedon fuscus
Ceratitis capitata
Ceroplastes rubens
Coccus viridis
Coptotermes formosanus
Coptotermes niger
Cryptophlebia illepidia
Cryptorhynchus mangiferae
Cryptotermes brevis
Dacus cucurbitae
Dacus dorsalis
Dialeurodes kirkaldyi
Diocalandra taitensis
Elytroteinus subtruncatus
Ereunetis flavistriata
Eucalymnatus tessellatus
Eusecepes postfasciatus
Furcaspis biformis
Haplotrips gowdeyi
Hyalopoplus pellucidus
Lampides boelchii
Lepidosaphes tokionis
Maruca testulalis
Nysius coenosulus
Nysius dallasi
Nysius delectus
Nysius terrestris
Oxydema longulum
Parlatoria crotonis
Parlatoria pseudaspidiotus
Pectinophora gossypiella
Perkinsiella saccharicida
Phenacaspis sandwicensis
Pinnaspis buzi
Pinnaspis uniloba
Pseudococcus palmarum
Pulvinaria psidii
Sinoxylon cornigerum
Sybra alternans
Syrilla oceanica
Taeniothrips hawaiiensis
Tubifera arvorum
Xystrocerus globosa

HONDURAS:

Anastrepha mombinpraeoptans
Aspidiotus spinosus
Chrysomphalus umboniferus
Conotrachelus perseae
Leucaspis cockerelli
Metamasius sericeus var.
Mimosestes sallaei
Nasutitermes corniger
Pheidole megacephala
Phelomerus aberrans
Stenoma catenifer
"Targionia" sacchari
Vinsonia stellifera

INDIA:

Bruchus emarginatus
Callosobruchus ademptus
Callosobruchus phaseoli
Caryedon fuscus
Chrysomphalus pinnulifera
Cryptorhynchus mangiferae
Cylas formicarius
Cylas formicarius var.
Dacus cucurbitae (?)
Dinoderus brevis
Ferrisia virgata
Heterobostrychus aequalis
Lepidosaphes tuberculata
Leucinodes orbonalis (?)
Oxycaenus laetus
Parlatoria morrisoni
Pectinophora gossypiella
Sinoxylon anale
Sinoxylon conigerum

INDIA (?):

Stenogrinum quadrimotatum

IRELAND:

Aphis grossulariae (?)
Bruchus ervi
Bruchus lentis
Mamestra brassicae

IRELAND—Continued

Megophthalmus scanicus
Orthezia cataphracta
Thrips angustatus

ISRAEL:

Ceratitis capitata
Cryptoblabes gnidiella
Leucaspis loewi

ITALY:

Acanthoscelides spinipes
Aglossa cuprealis
Aleurolobus olivinus
Anuraphis cynariella
Anuraphis helichrysi
Apion carduorum (?)
Aspidiotus britannicus
Aspidiotus spinosus
Aspidiotus zonatus
Brachycerus albidentatus
Brachycerus algius
Bruchidius gilvus
Bruchidius luidimonus var.
Bruchus ervi
Bruchus guttalis
Bruchus lentis
Bruchus luteicornis
Bruchus rufipes
Bruchus signaticornis
Bruchus tristiculus
Bruchus tristis
Bruchus ulicis
Capitophorus aeollanae (?)
Ceratitis capitata
Ceroplastes ruscii
Chrysolina americana
Cryptoblabes gnidiella
Dacus oleae
Dizygomyza flavifrons
Dyspessa ulula
Epidiaspis piricola
Eucalymnatus tessellatus
Evergestis forficaris
Exosoma lusitanica
Hemimene juliana
Homotoma ficus
Iphiclidea podalirius
Iridomyrmex humilis
Lampetia equestris
Laspeyresia splendana
Lepidosaphes ficus
Lepidosaphes newsteadi
Leucaspis loewi
Mamestra brassicae
Megastigmus suspectus
Microplax interrupta
Myelois ceratoniae
Parlatoria oleae
Parlatoria zizyphus
Penichora fasciata
Phalonia zephyrana
Phloeotribus scarabaeoides
Phyllotreta atra
Phyllotreta cruciferae
Pieris brassicae
Plinthisus brevipennis
Plinthisus minutissimus
Prays oleellus
Psylliodes chrysocephala
Ptosima umdecimmaculata
Pyrausta nubilalis
Pyrrhocoris apterus
Rhagoletis cerasi
Sesamia cretica
Sesamia vuleria
Sparticus villosus
Stephanitis pyri
Thrips angusticeps
Trialeurodes lauri

JAMAICA:

Aleurothrixus floccosus
Anastrepha mombinpraeoptans
Asterolecanium epidendri
Chrysomphalus odontoglossi
Chrysomphalus tenax

Countries of origin and insects—Continued

JAMAICA—Continued

Coccus viridis
Dinoderus bifoveolatus
Palaeopus costicollis
Unaspis citri
Vinsonia stellifera

JAPAN:

Acrionicta tridens
Anomala orientalis (?)
Antonina sasae
Aomidiella citrina
Aspidiotus cryptomeriae
Callidium rufipenne
Callosobruchus ademptus
Callosobruchus pulcher
Ceroplastes rubens
Chilo simplex
Dialeurodes citri
Dinoderus bifoveolatus
Dinoderus brevis
Laspeyresia splendana
Lepidosaphes chinensis
Lepidosaphes conchiformis
Lepidosaphes japonica
Lepidosaphes newsteadi
Lepidosaphes pallida
Oryctonia jucunda
Parlatoria camelliae
Parlatoria theae
Pectinophora gossypiella
Phenacaspis auctubae
Phenacoccus azaleae
 "Poliaspis" pini
Pseudococcus pini
Reticulitermes speratus
Rhiobia praeceps
Unaspis euonymi
Unaspis yanonensis
Vesiculaphis caracis

KOREA:

Callosobruchus ademptus
Carposina sasakii
Gelasma illiturala
Lepidosaphes conchiformis

KWAJALEIN:

Furcaspis oceanica
Pseudococcus pandani

LEBANON:

Bruchidius incarnatus
Bruchus dentipes
Ceratitidis capitata (?)
Chrysomphalus inopinatus
Dacus oleae
Myiopardalis pardalina
Parlatoria oleae
Pectinophora gossypiella
Polychrosis botrana

MADEIRA ISLANDS:

Anuraphis helichrysi
Ceratitidis capitata
Cryptoblabes gnidiella
Iridomyrmex humilis
Laspeyresia splendana
Lepidosaphes tuberculata
Phenacoccus madeirensis

MALAYSIA:

Cylas formicarius var.

MALTA:

Ceratitidis capitata

MARTINIQUE:

Chrysomphalus personatus

MEXICO:

Acroleucus vicinalis
Aleurocanthus woglumi
Aleuroglanululus emmae
Aleuroparadoxus gardeniae
Aleuroparadoxus ilicicola
Aleuropiatus ilicis
Aleurothrixus floccosus
Aleurothrixus myrtacei
Alpheias conspirata
Amorbia emigratella
Anastrepha ludens
Anastrepha mombinpraeoptans
Anastrepha serpentina (?)

MEXICO—Continued

Anastrepha striata
Antilocoris punctatus
Aspidiotus destructor
Aspidiotus diffinis
Aspidiotus spinosus
Asterolecanium bambusae
Asterolecanium pustulans
Attagenus gloriosae
Automeris randa
Brochymena aculeata
Calligrapha argus
Calligrapha diversa
Capaneus tetricus
Chalcopiedius approximatus
Chelysoma variabilis
Chrysomphalus nigropunctatus
Chrysomphalus personatus
Chrysomphalus scutiformis
Chrysomphalus sphaeroides
Chrysomphalus tenax
Chrysomphalus umboniferus
Coccotrypes pygmaeus
Conchaspis angraei
Conotrachelus aguacatae
Conotrachelus perseae
Copaza lavendera
Corimelaena elegans
Cossonus canaliculatus
Crepidodera asphaltina (?)
Crophius scabrosus
Ctenochira cumulata
Cylas formicarius elegantulus
Dialeurodes citri
Dialeurodes citrifolii
Diaspis miranda
Diatraea magnificatella
Diorymerellus lacrimargo
Disonycha antennata
Dysdercus mimulus
Emesopsis nubilis
Epicaerus cognatus
Epinotia opposita
Eucalymnatus tessellatus
Eumysia stigmella
Eberes comyntas
Ebergestis rimosalis
Erptochiomeria albomaculata
Erptochiomeria oblonga
Ferrisiana virgata
Furcaspis biformis
Gerstaeckeria mutillaria
Gnorimoschema gudmannella
Grapholitha packardii
Icerya littoralis
Ips interstitialis
Iridomyrmex humilis
Jadera sanguinolenta
Kleidocerys godmani
Lepidosaphes philococcus
Lepidosaphes tokionis
Lichtenstia lutea
Ligyrocorys abdominalis
Ligyrocorys aurivilliana
Ligyrocorys nitidicollis
Lineodes integra
Loxostege helvialis
Loxostege similalis
Lygaeus circumspicatus
Lygaeus consanguinitus
Lygaeus teapensis
Lygaeus vittiscutis
Macropygium reticulare
Mimosestes dominicanus
Mitrapssylla albolineata
Moodna bisinuella
Mordellistena cattlejana
Myelobia smerintha
Myzaphis bucktoni (?)
Neoleucinodes elegantalis
Neoleucin horribilis
Ogdocoesta biannularis
Ozophora consanguineus
Pachyzancla bipunctalis
Pantomorus godmani

Countries of origin and insects—Continued

MEXICO—Continued

Paraleyrodes citricolus
Paraleyrodes goyabae (?)
Parlatoria camelliae
Parlatoria cinerea
Pectinophora gossypiella
Phatnoma annulipes concisa
Physonota disjuncta
Physorhinus distigma
Plagiodera semivittata
Plagiodera thymaloidea
Platynota rostrana
Platypus rugulosus
Platysissetia castilloae
Pseudischaspis alienus
Pseudoparlatoria serratulae
Pulvinaria psidii
Puto mexicanus
Rhagoletis pomonella
Rhagoletis striatella
Rhopalophora incrustata
Sisamnes contractus
Sizeonotus luteiceps
Stenomoma anonella
Stenomoma catenifer
Stephanoderes lecontei
Talponia batesi
Tanymecus confusus
"Targionia" bromiliae
"Targionia" sacchari
Tenthecoris angustimarginatus
Tenthecoris confusus
Tenthecoris distinctus
Tetraleurodes acaciae
Tetraleurodes fici
Tetraleurodes quadratus
Tetraleurodes ursorum
Thrips flavus
Toxotrypana curvicauda
Trialeurodes multiporti
Trialeurodes oblongifoliae
Trialeurodes vitrinellus
Unaspis cūrti
Valtissus diversus
Xylobiops texanus
Zonosemata electa

MIDWAY ISLAND:

Nysius terrestris

MONTserrat:

Callosobruchus phaseoli

MOROCCO:

Lampetia equestris

NETHERLANDS:

Acrolepia assectella
Allantus cinctus
Anuraphis helichrysi
Brachyrhinus sulcatus
Bruchus atomarius
Capitophorus chrysanthemi
Dialeurodes chittendeni
Gracilaria azalella
Ips combrae
Lampetia equestris
Macrosiphoniella oblonga
Mamestra brassicae
Myzus ascalonicus
Pityogenes bidentatus
Pityogenes chalcographus
Rhagoletis alternata (?)
Rhopalosiphoninus tulipaeuillus
Scolopostethus decoratus
Serica brunnea
Tarsonemus laticeps
Thrips angusticeps
Trionymus peregrinus
Trioxa urticae

NETHERLANDS EAST INDIES:

Lepidosaphes tokionis

Stephanoderes hampei

NETHERLANDS WEST INDIES:

Mimosestes dominicanus

NEVIS:

"Targionia" hartii

NEW ZEALAND:

Parlatoria camelliae

NICARAGUA:

Aleurocanthus woglumi
Anastrepha mombinpraeoptans
Chrysomphalus scutiformis
Neoclytus cacticus
Stenomoma catenifer
Tetraleurodes acaciae

NIGERIA:

"Chionaspis" funtuniae

"Targionia" sacchari

NORTHERN IRELAND:

Thrips angusticeps

NORWAY:

Argyresthia conjugella
Drymus brunneus
Galerucella lineola
Leucaspis loewi
Pityogenes chalcographus
Tetropium fuscum
Thrips angusticeps

PAKISTAN:

Cryptorhynchus mangiferae

PALAU ISLAND:

Achatina fulica

PANAMA:

Acanthoscelides armitagei
Aleurotrachelus trachoides
Anastrepha mombinpraeoptans
Aspidiotus destructor
Aspidiotus palmarum
Asterolecanium pustulans
Ferrisia virgata
Furcaspis bifomis
Heterotermes tenuis
Kaloterms immigrans
Lepidosaphes tokionis
Leucaspis cockerelli
Metamasius sericeus
Pinnaspis buxi
Pseudaonidia tessarata
Stenomoma anonella
Stenomoma catenifer

PERU:

Anastrepha serpentina
Epinotia opposita
Stenomoma catenifer

PHILIPPINES:

Aonidiella inornata
Aspidiotus coryphae
Aspidiotus degeneratus
Aspidiotus destructor
Aspidiotus excisus
Aspidiotus palmarum
Aspidiotus spinosus
Callosobruchus phaseoli
Callosobruchus pulcher
Coccus viridis
Cylas formicarius
Cylas formicarius var.
Dacus dorsalis (?)
Dialeuropora setigera
Dinoderus brevis
Ferrisia virgata
Fiorinia phantasma
Lepidosaphes tokionis
Monomorium destructor
Pachybrachius nietneri
Pantomorus godmani
Parlatoria pseudaspidiotus
Parlatoria zizyphus
Pectinophora gossypiella
Prays endocarpa
Pseudococcus palmarum
Pulvinaria tyleri
Trionymus sacchari

PHILIPPINES (?):

Dialeurodes citri

POLAND:

Bruchus luteicornis
Pityogenes bidentatus

PORTUGAL:

Aglossa cuprealis
Bruchus luteicornis
Bruchus tristiculus
Bruchus tristis

Countries of origin and insects—Continued

PORTUGAL—Continued

Caryedon fuscus
Ceratitis capitata
Dacus oleae
Hypera fasciculata
Iridomyrmex humilis
Laspeyresia splendana
Orthotomicus erosus
Orthotomicus laticis
Pieris brassicae
Sinorylon serdentatum

PUERTO RICO:

Acanthoscelides armitagei
Anastrepha mombinpraeoptans
Anastrepha suspensa
Ancylostomia stercora
Aspidiotus herculeanus
Brachyacma palpigera
Coccus viridis
Cryptotermes brevis
Cylas formicarius elegantulus
Diaprepes abbreviatus var.
Euscepes postfasciatus
Frankliniella insularis
Fundella pellucens
Furcaspis biformis
Gnorimoschema gudmannella
Lechriops psidii
Maruca testulalis
Morganella longispina
Pachyzancla bipunctalis
Pachyzancla periusalis
Pectinophora gossypiella
Platynota rostrana
Protopulvinaria longivalvata
Sphenarches caffer
Stephanoderes depressus
"Targionia" sacchari
Unaspis citri
Vinsonia stellifera

RHODESIA:

Asterolecanium stentae

ST. KITTS:

Pheidole megacephala
"Targionia" hartii

ST. LUCIA:

Acanthoscelides armitagei

ST. VINCENT:

Callosobruchus phaseoli

SAIPAN:

Achatina fulica
Aspidiotus palmae

SALVADOR:

Anastrepha mombinpraeoptans
Anastrepha serpentina
Aulacaspis tubercularis
Chrysomphalus scutiformis
Cosmopolites sordidus
Ferrisia virgata
Stenoma catenifer

SAUDI ARABIA:

Dacus oleae
Parlatoria morrisoni
Parlatoria zizyphus

SCOTLAND:

Acalypta parvula
Gelechia ericetella
Lochmaea suturalis
Micrelus ericae
Orthezia cataphracta
Taeniothrips atratus
Taeniothrips ericae
Ulopa reticulata

SIAM:

Nephotettix apicalis
Pachybrachius nigriceps
Parlatoria pseudaspidotus
Pectinophora gossypiella

SIAM (?):

Dialeurodes kirkaldyi

SOUTH AMERICA:

Stephanoderes hampei

SOUTH PACIFIC:

Perkinsiella vastatrix

SPAIN:

Bruchus signaticornis
Ceratitis capitata
Cryptoblabes gnidiella
Dacus oleae
Epidiopsis pircicola
Laspeyresia splendana
Parlatoria cinerea
Parlatoria oleae
Rhagoletis cerasi

STRAITS SETTLEMENTS:

Cylas formicarius var.

SWEDEN:

Anuraphis helichrysi
Argyresthia conjugella
Callidium violaceum
Epidiopsis pircicola
Lampetia equestris
Pityogenes chalcographus
Plagiognathus arbustorum
Rhagoletis cerasi (?)
Sehirus biguttatus
Serica brunnea (?)
Taeniothrips atratus
Thrips angusticeps

SWITZERLAND:

Laspeyresia splendana
Myrmedobia tenella
Psylla rhododendri
Pyrausta nubilalis
Rhagoletis cerasi

SYRIA:

Adleria gallae-tinctoriae
Aleurolobus olivinus
Bruchidius quinqueguttatus
Bruchus dentipes
Bruchus erri
Bruchus rufipes
Bruchus ulicis
Ceratitis capitata
Chrysomphalus inopinatus
Dacus oleae
Dialeurodes kirkaldyi
Hypoborus ficus
Megastigmus pistaciae
Pectinophora gossypiella

TAHITI:

Cylas formicarius var.
Euscepes postfasciatus

TRANSVAAL:

"Chionaspis" exalbidia

TRINIDAD:

Acanthoscelides armitagei
Anastrepha mombinpraeoptans
Anastrepha striata (?)
Aspidiotus excisus
Coccus viridis
Conchaspis angraei
Dercynus micronyx
Eurytoma orchidearum
Furcaspis biformis
Gymnandrosoma aurantianum
Mimosestes dominicanus
Neodryocoetes caribaeus
Parlatoria pseudaspidotus
Protopulvinaria longivalvata
Protopulvinaria pyriformis
Pseudonidia trilobiformis
Pulvinaria psidii
Vinsonia stellifera

TRIPOLI:

Dacus oleae

TUNISIA:

Aspidiotus zonatus
Epicometis hirta

TURKEY:

Acanthoscelides spinipes
Bruchidius quinqueguttatus
Bruchus brachialis
Bruchus dentipes
Bruchus erri
Bruchus hamatus

Countries of origin and insects—Continued

TURKEY—Continued

Bruchus rufipes
Bruchus tristis
Bruchus ulicis
Ceratitis capitata
Eurytoma onobrychidis

UNION OF SOUTH AFRICA:

Antestia variegata lineaticollis
Argyroploce leucotreta
Carbula marginella
Cletus ochraceus
Haplothrips bagnalli
Homothrips distinctus
Iridomyrmex humilis
Paromius gracilis
Phlyctinus callosus
Stenoscelis hylastoides

UNKNOWN:

Ceratitis capitata
Ceutorhynchus assimilis
Chrysomphalus pinnulifera
Cryptoblabes gnidiella
Cryptorhynchus mangiferae
Haplothrips collei
Lema bitineata
Melolontha melolontha
Pseudaonidia trilobitiformis
Rhagoletis alternata
Selenothrips rubrocinctus
Stenoma catenifer
Thrips flavus

VENEZUELA:

Anastrepha mombinpraeoptans
Asterolecanium epidendri
Chrysomphalus tenax
Chrysomphalus umboniferus
Coccus viridis
Conchaspis angraei
Cryptotermes brevis
Epinotia opposita
Eurytoma orchidearum
Euscepes postfasciatus
Ferrisiana virgata
Furcaspis biformis
Maruca testulalis
Neoclytus cacticus
Pectinophora gossypiella
Protopulvinaria longivalvata
Protopulvinaria pyriformis
Pseudischaspis alienus
Tenthetoris venezuelensis
Vinsonia stellifera

VIRGIN ISLANDS

Anastrepha mombinpraeoptans (?)
Ceroplastes denudatus
Euscepes postfasciatus
Pectinophora gossypiella

WEST INDIES:

Euscepes postfasciatus
Pulvinaria urbicola

YUGOSLAVIA:

Myelois ceratoniae

List of pests (diseases) collected and reported from July 1, 1949, to
 June 30, 1950, inclusive

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Alternaria citri</i> Ell. & Pierce:					
<i>Citrus limon</i> (lemon).....	Italy, Lebanon.....		1	1	Pa., Va.
<i>Citrus sinensis</i> (orange).....	Australia.....		1		Calif.*
<i>Alternaria dianthi</i> F. L. Stevens & J. G. Hall:					
<i>Dianthus</i> sp. (carnation).....	France, Japan, Peru.....	3		1	N. Y., Tex., Wash.
<i>Alternaria porri</i> (Ell.) Cif.:					
<i>Allium cepa</i> (onion).....	Mexico.....	1			Tex.
<i>Aphanomyces raphani</i> Kendr.:					
<i>Raphanus sativus</i> (radish).....	do.....	4			Tex.
<i>Aphelenchoides ribes</i> (Taylor) Goodey (?):					
Soil with lavender plant.....	England.....			1	N. Y.
<i>Aphelenchoides subterraneus</i> Cobb:					
<i>Iris orchoides</i> (orchid iris).....	Netherlands.....			1	N. J.
<i>Narcissus</i> sp.....	Italy.....			1	N. J.
<i>Aphelenchus agricola</i> De Man:					
Soil with carnation plant.....	do.....			1	N. Y.
<i>Aphelenchus avenae</i> Bastian:					
Soil with carnation cutting.....	do.....			1	N. Y.
Soil with dahlia tubers.....	Poland.....			1	N. Y.
Soil with herbaceous perennials.....	Germany.....			1	N. J.
Soil with potted organum plant.....	Turkey.....		1		Pa.
<i>Arthrobotrys superba</i> Cda.:					
<i>Medicago</i> sp.....	Canada.....			1	N. J.
<i>Ascochyta citri</i> Penz. (?):					
<i>Citrus limon</i> (lemon).....	Italy.....	1			Pa.
<i>Citrus sinensis</i> (orange).....	Fiji Islands.....		1		Hawaii.
<i>Ascochyta pisi</i> Lib.:					
<i>Pisum sativum</i> (pea).....	Azores, Mexico, Peru.....	6	2		N. Y., Tex.
<i>Vicia faba</i> (broadbean).....	Italy.....		1		N. Y.
<i>Botryosphaeria ribis</i> (Fr.) Gross. & Dugg.:					
<i>Salix</i> sp. (willow).....	Argentina.....			1	N. Y.

List of pests (diseases) collected and reported from July 1, 1949, to June 30, 1950, inclusive—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Botrytis elliptica</i> (Berk.) Cke.: <i>Lilium auratum</i> (goldband lily).....	Japan.....	1	---	3	Calif.*
<i>Lilium giganteum</i> (giant lily).....	do.....	---	---	1	Calif.*
<i>Lilium japonicum</i> (Japanese lily).....	do.....	---	---	1	Calif.*
<i>Lilium rubellum</i> (rubellum lily).....	do.....	---	---	1	Calif.*
<i>Lilium speciosum rubrum</i> (pink speciosum lily).....	do.....	---	---	8	Calif.*
<i>Lilium</i> sp.....	China, Japan.....	---	---	7	Calif.*
<i>Botrytis galanthina</i> (Berk. & Br.) Sacc.: <i>Galanthus nivalis plenus</i>	Netherlands.....	---	---	1	N. J.
<i>Galanthus</i> sp.....	Netherlands, Turkey.....	---	---	23	Calif.*, Mich., Ohio, N. J., N. Y.
<i>Botrytis gladiolorum</i> Timmermans: <i>Gladiolus</i> sp.....	Mexico.....	1	---	---	Tex.
Camellia yellow-spot virus: <i>Camellia japonica</i> (camellia).....	Italy.....	---	---	1	N. J.
<i>Camillea sagraena</i> (Mont.) Berk. & Curt.: <i>Laelia</i> sp. (orchid).....	Panama.....	---	---	1	Pa.
Cancrosis "B": <i>Citrus limon</i> (lemon).....	Argentina.....	---	4	---	Md., Mass., N. Y., Tex.
<i>Cercospora bolleana</i> (Thuem.) Speg. <i>Ficus carica</i> (fig).....	Mexico.....	---	---	1	Tex.
<i>Cercospora capparis</i> Sacc.: <i>Capparis spinosa</i> (?) (caper).....	Yugoslavia.....	1	---	---	N. Y.
<i>Cercospora codiae</i> Frag. & Cif.: <i>Codiaeum</i> sp. (croton).....	Mexico.....	---	---	1	Tex.
<i>Cercospora coffeicola</i> Berk. & Cke.: <i>Coffea</i> sp. (coffee).....	Brazil, British West Indies.....	1	1	---	Ala., Tex.
<i>Cercospora fraxinites</i> Ell. & Ev.: <i>Fraxinus berlandieriana</i> (berlandier ash) <i>Fraxinus</i> sp. (ash).....	Mexico..... do.....	1 1	---	---	Tex. Tex.
<i>Cercospora gossypina</i> Cke.: <i>Gossypium</i> sp. (cotton).....	do.....	1	---	---	Tex.
<i>Cercospora handelii</i> Bub.: <i>Rhododendron indicum</i> (indica azalea) <i>Rhododendron</i> sp.....	Belgium..... Belgium, Netherlands.....	---	---	1 9	N. J. N. J.
<i>Cercospora insulana</i> (Sacc.) Chupp: <i>Armeria</i> sp. (statice).....	Mexico.....	1	---	---	Tex.
<i>Cercospora lythracearum</i> Heald & Wolf: <i>Punica granatum</i> (pomegranate).....	Mexico, Puerto Rico.....	5	---	---	N. Y., Tex.
<i>Cercospora musae</i> Zimm.: <i>Musa paradisiaca sapientum</i> (banana).....	Brazil, Canal Zone, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, Grenada, Guatemala, Haiti, Honduras, India, Martinique, Mexico, Panama.....	173	4	---	Calif.*, La., Md., Mass., N. Y., Pa., S. C., Tex.
<i>Cercospora neriella</i> Sacc.: <i>Nerium oleander</i> (oleander).....	Bermuda.....	3	---	---	N. Y.
<i>Cercospora oryzae</i> Miyake: <i>Oryza sativa</i> (rice).....	Mexico.....	2	---	---	Tex.
<i>Cercospora physalicola</i> Ell. & Barth.: <i>Physalis</i> sp. (husk tomato).....	do.....	1	---	---	Tex.
<i>Cercospora pini-densiflorae</i> Hori & Nambu: <i>Pinus massoniana</i> (Masson pine).....	China.....	---	---	2	Calif.*, Hawaii
<i>Cercospora ricinella</i> Sacc. & Berl.: <i>Ricinus communis</i> (castor-bean).....	Mexico.....	1	---	---	Tex.
<i>Cercospora sorghi</i> Ell. & Ev.: <i>Sorghum halepense</i> (Johnson grass).....	do.....	1	---	---	Tex.
<i>Cercospora violae</i> Sacc.: <i>Viola tricolor</i> (pansy).....	Italy.....	1	---	---	N. Y.
<i>Chaetomium elatum</i> G. Kunze & Schm.: <i>Oryza sativa</i> (rice).....	Mexico.....	1	---	---	Tex.

List of pests (diseases) collected and reported from July 1, 1949, to June 30, 1950, inclusive—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Chlamydomyces palmarum</i> (Cke.) Mason:	China	1			Calif.*
<i>Colocasias esculenta</i> (dasheen)					
<i>Chrysomyza rhododendri</i> (DC.) D By.:	Austria, Germany, Switzerland	3		2	Mass., N. Y.
<i>Rhododendron ferrugineum</i>	Austria, Switzerland			2	N. J.
<i>Rhododendron</i> sp.					
<i>Colletotrichum agaves</i> Cav.:	Mexico	1			Tex.
<i>Agave americana</i> (century plant)					
<i>Colletotrichum cajani</i> Rangel:	Puerto Rico	10			N. Y., P. R.
<i>Cajanus cajan</i> (pigeonpea)					
<i>Colletotrichum cinctum</i> (Berk. & Curt.) Ston.:	England			1	Hawaii.
<i>Cymbidium</i> sp. (orchid)	Mexico			1	Ariz.
<i>Orchid</i>					
<i>Colletotrichum falcatum</i> Went:					
<i>Saccharum officinarum</i> (sugarcane)	Haiti, Mexico	2			Fla.*, Tex.
<i>Sorghum halepense</i> (Johnson grass)	Mexico	1			Tex.
<i>Colletotrichum graminicolum</i> (Ces.) G. W. Wils:	do.	1			Tex.
Grass	China			1	D. C.
<i>Sorghum vulgare</i> (sorghum)	Mexico	1			Tex.
<i>Sorghum vulgare technicum</i> (broomcorn)					
<i>Colletotrichum illiacearum</i> (Schw.) Ferr.:	England			1	Calif.*
<i>Iris</i> sp.					
<i>Colletotrichum lilii</i> Plakidas:					
<i>Lilium auratum</i> (goldband lily)	Japan	1		19	Calif.*, Wash.
<i>Lilium candidum</i> (Madonna lily)	Netherlands			1	N. Y.
<i>Lilium giganteum</i> (giant lily)	Japan			3	Calif.*, Wash.
<i>Lilium japonicum</i> (Japanese lily)	do.			4	Calif.*, Wash.
<i>Lilium longiflorum</i> (Easter lily)	Mexico	1			Tex.
<i>Lilium philippinense</i> (Philippine lily)	Japan			1	Wash.
<i>Lilium rubellum</i> (rubellum lily)	do.			1	Calif.*
<i>Lilium speciosum rubrum</i> (pink speciosum lily)	do.			28	Calif.*, Wash.
<i>Lilium tigrinum</i> (tiger lily)	do.			5	Calif.*, Wash.
<i>Lilium</i> sp.	China, Japan	1		11	Calif.*, Wash.
<i>Colletotrichum omnivorum</i> Halst.:					
<i>Aspidistra</i> sp.	Belgium			1	N. J.
<i>Colletotrichum pisi</i> Pat.:					
<i>Pisum sativum</i> (pea)	Mexico	4			Tex.
<i>Coniosporium shiraianum</i> (Syd.) Bub.:					
Bamboo	Japan			1	Wash.
<i>Coniothyrium hellebori</i> Cke. & Mass.:					
<i>Helleborus niger</i> (Christmas-rose)	Netherlands			1	N. J.
<i>Helleborus</i> sp.	England			1	Wash.
<i>Coryneum betjerinckii</i> Oud.:					
<i>Prunus armeniaca</i> (apricot)	Austria	1			N. Y.
<i>Prunus persica</i> (peach)	Italy, Mexico	3			N. Y., Tex.
<i>Coryneum microstictum</i> Berk. & Br.:					
<i>Rosa</i> sp.	Netherlands			1	Wash.
<i>Vitis</i> sp. (grape)	Scotland			1	N. J.
<i>Cronartium ribicola</i> Alek. Fisch.					
<i>Ribes</i> sp. (red currant)	Denmark			1	N. Y.
<i>Cryptospora longispora</i> Servazzi (?):					
<i>Cocos nucifera</i> (coconut)	Mexico	1			Tex.
<i>Curvularia lunata</i> (Wakk.) Boed.:					
<i>Allium cepa</i> (onion)	do.	1			Tex.
<i>Ananas comosus</i> (pineapple)	do.	1			Tex.
<i>Gladiolus</i> sp.	French Guinea, Mexico	1		1	D. C., Tex.
<i>Cycloconium oleaginum</i> Cast.:					
<i>Olea europaea</i> (olive)	Italy	1			N. Y.
<i>Cytospora punica</i> Sacc. (?):					
<i>Punica granatum</i> (pomegranate)	Mexico	1			Tex.
<i>Diaporthe eres</i> Nits.:					
<i>Malus sylvestris</i> (apple)	Sweden			1	Pa.
<i>Diplocarpon earliana</i> (Ell. & Ev.) Wolf:					
<i>Fragaria</i> sp. (strawberry)	Norway			1	N. Y.
<i>Diplodia castaneae</i> Sacc.:					
<i>Castanea</i> sp. (chestnut)	Italy	1			Tex.
<i>Diplodia epicocos</i> Cke.:					
<i>Cocos nucifera</i> (coconut)	Mexico	2	1		Tex.

List of pests (diseases) collected and reported from July 1, 1949, to June 30, 1950, inclusive—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Diplodia theobromae</i> (Pat.) Nowell:					
<i>Achras zapota</i> (sapodilla).....	Puerto Rico.....	1			P. R.
<i>Allium cepa</i> (onion).....	Mexico.....	1			Tex.
<i>Ananas comosus</i> (pineapple).....	do.....	2			Tex.
<i>Areca cathecu</i> (betel palm).....	Philippines.....	1			Hawaii.
<i>Citrus limon</i> (lemon).....	Italy.....	1			N. Y.
<i>Dendrobium phalaenopsis</i> (orchid).....	Australia.....	1	1		Calif.*
<i>Manihot esculenta</i> (cassava).....	Philippines.....		1		Calif.*
<i>Nymphaea</i> sp. (waterlily).....	Cuba.....	1			N. Y.
Orchid.....	Mexico.....		2		Tex.
<i>Theobroma cacao</i> (cacao).....	Dominican Republic.....	1			N. Y.
<i>Diplodiella oryzae</i> Miyake:					
<i>Oryza sativa</i> (rice).....	China.....	1			Wash.
<i>Diplodina rostrupii</i> Vest.:					
<i>Andromeda</i> sp.....	Netherlands.....			1	N. J.
<i>Discosia artocreas</i> Fr.:					
<i>Gaultheria shallon</i> (salal).....	Canada.....			1	Calif.*
<i>Ditylenchus dipsaci</i> (Kuhn) Filip.:					
<i>Galtonia candicans</i> (summer-hyacinth).....	Netherlands.....			1	N. J.
<i>Ditylenchus intermedius</i> (de Man) Filip.:					
Soil with unidentified roots.....	Germany.....			1	N. Y.
<i>Elsinoe australis</i> Bitanc. & Jenkins:					
<i>Citrus aurantifolia</i> (lime).....	Brazil.....		1		Calif.*
<i>Citrus limon</i> (lemon).....	Argentina, Brazil.....	1	41		Ala., Calif., La., Md., N. Y., Pa., Tex., Va.
<i>Citrus paradisi</i> (grapefruit).....	Brazil.....		1		N. Y.
<i>Citrus reticulata</i> (Mandarin orange).....	do.....		2		N. Y., Pa.
<i>Citrus sinensis</i> (orange).....	Argentina, Brazil.....	2	40		Ala., Calif., Fla., La., Md., Mass., N. Y., Pa., Tex.
<i>Citrus</i> sp. (orange).....	do.....		9		Fla., Md., N. Y.
<i>Elsinoe phaseoli</i> Jenkins:					
<i>Phaseolus lunatus macrocarpus</i> (lima bean).....	Cuba, Puerto Rico.....	8			N. Y.
<i>Entyloma oryzae</i> Syd. & P. Syd.:					
<i>Oryza sativa</i> (rice).....	Mexico.....	1			Tex.
<i>Erwinia citrimaculans</i> (Doidge) Magrou:					
<i>Citrus limon</i> (lemon).....	Italy.....	6			N. Y.
<i>Eucephalobus oxyuroides</i> (de Man) Steiner:					
Unidentified plant.....	do.....			1	N. Y.
<i>Ezobasidium vaccinii</i> (Fekl.) Woron.:					
<i>Rhododendron indicum</i> (indica azalea).....	Belgium.....			1	N. J.
<i>Fabraea maculata</i> Atk.:					
<i>Cydonia oblonga</i> (quince).....	Mexico.....	1			Tex.
<i>Fusarium oxysporum</i> Schlecht.:					
<i>Crocus</i> sp.....	Netherlands.....			1	Tex.
<i>Fusarium oxysporum</i> Schlecht. f. <i>cepae</i> (Hanz.) Snyd. & Hansen:					
<i>Allium cepa</i> (onion).....	Mexico.....	2			Tex.
<i>Fusarium oxysporum</i> Schlecht. f. <i>gladioli</i> (Massey) Snyd. & Hansen:					
<i>Gladiolus</i> sp.....	England, Netherlands.....			26	Ala., Mich., N. Y., Pa., S. C., Tex.
<i>Fusarium oxysporum</i> Schlecht. f. <i>lycopersici</i> Sacc.:					
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1			Tex.
<i>Fusarium oxysporum</i> Schlecht. f. <i>narcissi</i> Snyd. & Hansen:					
<i>Narcissus</i> sp.....	England, Netherlands.....			12	Calif.*, Minn. N. J., Tex.
<i>Fusarium oxysporum</i> Schlecht. f. <i>niveum</i> (E. F. Sm.) Snyd. & Hansen:					
<i>Citrullus vulgaris</i> (watermelon).....	Mexico.....	1			Tex.
<i>Fusarium oxysporum</i> Schlecht. f. <i>tuberosi</i> Wr.:					
<i>Solanum tuberosum</i> (potato).....	Denmark, Mexico.....	1	1		Tex., Wash.

List of pests (diseases) collected and reported from July 1, 1949, to June 30, 1950,
inclusive—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consump- tion	Nonentry	Propaga- tion	
<i>Fusicladium depressum</i> (Berk. & Br.) Sacc.:					
<i>Foeniculum vulgare</i> (fennel)	Czechoslovakia	1			N. Y.
<i>Fusicladium eriobotryae</i> Cav.:					
<i>Eriobotrya japonica</i> (loquat)	Italy	2			N. Y.
<i>Fusicladium pyracanthae</i> (Otth) Rostr.:					
<i>Pyracantha kasan</i>	Netherlands			1	N. J.
<i>Pyracantha</i> sp.	do			1	N. J.
<i>Fusicoccum galericulatum</i> Sacc.:					
<i>Fagus sylvatica</i> (European beech)	do			1	N. J.
<i>Fagus sylvatica atropurpurea</i>	do			1	N. J.
<i>Gliomastix convoluta</i> (Harz.) Mason:					
<i>Eleocharis dulcis</i> (waternut)	China	12			Calif.*
<i>Pueraria thunbergiana</i> (kudzu-bean)	do	8			Calif.*
<i>Scilla hispanica</i> (Spanish squill)	Netherlands			1	Calif.*
<i>Solanum tuberosum</i> (potato)	Australia		1		Calif.*
<i>Zingiber officinale</i> (ginger)	China	44			Calif.*
<i>Gloeodes pomigena</i> (Schw.) Colby:					
<i>Malus sylvestris</i> (apple)	Germany, Japan, Mex- ico	3			Minn., N. Y., Tex.
<i>Gloeosporium catechu</i> Syd.:					
<i>Areca cathecu</i> (betel palm)	Guam	1			Mass.
<i>Gloeosporium epidendri</i> P. Henn.:					
<i>Epidendrum skinneri</i> (orchid)	Costa Rica			1	Hawaii.
<i>Gloeosporium leguminum</i> (Cke.) Sacc.:					
<i>Prosopis</i> sp. (mesquite)	Mexico	4			Tex.
<i>Gloeosporium piperatum</i> Ell. & Ev.:					
<i>Capsicum frutescens longum</i> (red pepper)	Gold Coast		1		Pa.
<i>Gloeosporium sansevieriae</i> Verwoerd & du Plessis:					
<i>Sansevieria</i> sp.	Canal Zone			1	Calif.*
<i>Glomerella cincta</i> (Ston.) Spauld. & Schrenk:					
<i>Laelia anceps</i> (orchid)	Mexico			1	Tex.
<i>Gnomonia iliaui</i> Lyon:					
<i>Saccharum officinarum</i> (sugarcane)	do	1			Tex.
<i>Gymnosporangium haraeanaum</i> Syd.:					
<i>Chaenomeles lagenaria</i> (flowering quince)	Japan			1	Wash.
<i>Helminthosporium nodulosum</i> Berk. & Curt.:					
<i>Dactyloctenium aegyptium</i>	Philippines	1			Oreg.
<i>Helminthosporium oryzae</i> Breda de Haan:					
<i>Oryza sativa</i> (rice)	Cuba, Greece, Mexico	3			N. J., N. Y., Tex.
<i>Helminthosporium torulosum</i> (Syd.) Ashby:					
<i>Musa paradisiaca</i> (plantain)	Cuba	6			N. Y.
<i>Musa paradisiaca sapientum</i> (banana)	Pakistan	1			N. Y.
<i>Helminthosporium turcicum</i> Pass.:					
<i>Sorghum vulgare</i> (sorghum)	Mexico	1			Tex.
<i>Hendersonia opuntiae</i> Ell. & Ev.:					
<i>Opuntia compressa</i> (pricklypear)	do	1			Tex.
<i>Hendersonia sarmentorum</i> West.:					
<i>Vitis</i> sp. (grape)	Italy			1	N. Y.
<i>Heterodera avenae</i> Eidam:					
Soil with fig cuttings	do			1	N. Y.
<i>Heterodera goettingiana</i> Liebscher:					
Soil with <i>Sempervivum</i> sp.	do			1	N. Y.
<i>Heterodera punctata</i> Thorne:					
Soil with cactus plant	Ireland			1	N. Y.
Soil with carrots	Netherlands		1		Va.
Soil with chrysanthemum plants	England			1	Wash.
Soil with dahlia tuber clumps	do			1	N. J.
Soil with wild flower plants	Norway			1	N. J.
Soil with clumps of <i>Iris germanica</i>	Germany			1	Calif.*
Soil with <i>Lavendula</i> sp.	England			1	N. J.
Soil with orchid roots	do			1	N. J.
Soil with potatoes	England, Norway		3		Calif.*, Va., Md.,
Soil with <i>Prunus</i> sp.	England			1	N. J.
Soil with <i>Rubus</i> sp.	Netherlands			1	N. J.
Soil with shamrock plants	Ireland, Northern Ireland			5	N. Y.
Soil with <i>Valeria</i> roots	Netherlands	2			N. Y.
Soil	France, Germany	2		1	N. J., N. Y.

List of pests (diseases) collected and reported from July 1, 1949, to June 30, 1950, inclusive—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Heterodera rostochiensis</i> Wr.:					
Screenings from oat straw packing	England	1			N. Y.
Soil with <i>Acacia</i> plants	Argentina			1	N. Y.
Soil with beets	England			1	Va.
Soil from bin containing beets, onions, and parsnips	Scotland			1	Wash.
Soil with cabbage	Ireland			1	Md.
Soil with carrots	England, Ireland, Netherlands			7	Md., Mass., N. Y., Pa., S. C., Tex., Va.
Soil with <i>Calluna</i> sp. roots	Wales			1	N. J.
Soil with celeriac	Netherlands			1	La.
Soil with celery	England, France, Netherlands			7	Md., Mass., N. Y., Tex., Va.
Soil with convallaria pips	Germany			1	N. Y.
Soil with cyclamen plant	Denmark			1	N. Y.
Soil with dahlia	England			2	N. J.
Soil with <i>Erica</i> sp. plants	do.			1	N. J.
Soil with <i>Fuchsia</i> plants	do.			1	N. Y.
Soil with heather plants	Scotland			5	Ill., N. J., N. Y.
Soil with <i>Heuchera</i> plant	Poland			1	N. Y.
Soil with <i>Helieborus niger</i> roots	Netherlands			1	N. J.
Soil with hollyhock plants and <i>Tritonia</i> corms	England			1	Ill.
Soil with <i>Lavendula</i> sp.	do.			1	N. J.
Soil with leeks	do.			1	Pa.
Soil with <i>Ligustrum</i> plants	do.			1	N. J.
Soil with lily-of-the-valley pips	Germany			5	Calif.,* N. Y.
Soil with maidenhair fern	England			1	Mass.
Soil with parsnips	do.			1	Wash.
Soil with miscellaneous plants	England, Ireland			2	N. Y.
Soil with potatoes	Denmark, England, Ireland, Scotland, Sweden			10	Calif.,* La., Md., N. Y., Pa., Va., Wash.
Soil with rutabagas	England, Netherlands			2	La., Va.
Soil with saxifraga plants	England			1	N. J.
Soil with shamrock plants	Ireland, Northern Ireland			3	Ill., Mass., N. Y., Pa.
Soil with tulip bulbs	England			3	N. Y.
Soil with turnips	England, Netherlands			5	La., N. Y., Va.
Soil	Ireland, Scotland			2	N. J., N. Y.
<i>Heterodera schachtii</i> Schmidt:					
Soil with carnation plants	Italy			1	N. Y.
Soil with lily-of-the-valley pips	Germany			2	Calif.,* N. J.
Soil with <i>Galanthus</i> sp. bulbs	do.			1	N. J.
Soil with potted succulents	France			1	Calif.*
Soil with <i>Prunus</i> sp.	England			1	N. J.
Soil with turnips	Netherlands			1	Wash.
Soil with unidentified roots	Germany			1	N. Y.
Soil	France			1	N. J.
<i>Heterosporium ornithogali</i> (Klotzsch) Cke.:					
<i>Ornithogalum thyrsoides</i> (chinkerichee)	Union of South Africa			3	Pa.
<i>Heterosporium variabile</i> Cke.:					
<i>Chrysanthemum</i> sp.	Scotland			1	N. Y.
<i>Hormodendrum cladosporioides</i> (Fres.) Sacc.:					
<i>Carica papaya</i> (papaya)	Mexico			1	Tex.
<i>Cydonia oblonga</i> (quince)	do.			1	Ariz.
<i>Isariopsis griseola</i> Sacc.:					
<i>Phaseolus lunatus macrocarpus</i> (lima bean)	Puerto Rico			1	N. Y.
<i>Laetstadia minuscula</i> (Lev.) Sacc.:					
<i>Codiaeum</i> sp. (croton)	Philippines (?)			1	Wash.
<i>Leptosphaeria ruscii</i> (Wallr.) Sacc.:					
<i>Ruscus</i> sp.	Italy			3	Pa.
<i>Leptosphaeria sacchari</i> Breda de Haan:					
<i>Saccharum officinarum</i> (sugarcane)	Mexico			1	Tex.

List of pests (diseases) collected and reported from July 1, 1949, to June 30, 1950, inclusive—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Leptosphaeria salvinii</i> Catt.:					
<i>Oryza sativa</i> (rice).....	Japan.....	1			Hawaii.
<i>Leptosphaeria tritici</i> (Garov.) Pass.:					
<i>Triticum aestivum</i> (wheat).....	do.....	1			Calif.*
<i>Leptosphaeria typharum</i> (Desm.) Karst.:					
<i>Typha</i> sp. (cattail).....	Mexico.....	1			Tex.
<i>Leptothyrium pomi</i> (Mont. & Fr.) Sacc.:					
<i>Malus sylvestris</i> (apple).....	Algeria, Austria, Mexico, Spain.....	7	1		N. Y., Pa., Tex.
<i>Lophodermium pinastri</i> (Fr.) Chev.:					
<i>Pinus</i> sp. (2-leaved pine).....	Sweden.....			1	N. Y.
<i>Pinus</i> sp.....	Mexico.....	1			Tex.
<i>Macrophoma musae</i> (Cke.) Berl. & Vogl.:					
<i>Musa paradisiaca sapientum</i> (banana).....	Costa Rica, Panama, Philippines.....	3			Calif.*
<i>Macrophoma oleae</i> (DC.) Berl. & Vogl.:					
<i>Olea europaea</i> (olive).....	Italy, Saudi Arabia.....	3			N. Y., Pa.
<i>Macrophomina phaseolina</i> (Tassi) Goid.:					
<i>Allium sativum</i> (garlic).....	Italy.....	1			N. Y.
<i>Arachis hypogaea</i> (peanut).....	Gold Coast.....		1		D. C.
<i>Eleocharis dulcis</i> (waternut).....	China.....	1			N. Y.
<i>Marasmius hyalospora</i> (Saw.) Diet.:					
<i>Acacia confusa</i>	do.....			1	Hawaii.
<i>Marmor cucumeris</i> Holmes:					
<i>Cucurbita maxima</i> (squash).....	Mexico.....	1			Tex.
<i>Marmor fragariae</i> Holmes:					
<i>Fragaria</i> sp.....	England.....			1	N. J.
<i>Melampsorium betulinum</i> (Pers.) Kleb.:					
<i>Betula</i> sp. (birch).....	Finland.....			1	N. Y.
<i>Melanconium betulinum</i> Fr.:					
<i>Betula</i> sp. (birch).....	England.....				Pa.
<i>Melanospora zamiae</i> Cda.:					
<i>Pueraria thunbergiana</i> (kudzu-bean).....	China.....	3			Calif.*
<i>Zingiber officinale</i> (ginger).....	do.....	7			Calif.*
<i>Meliola citricola</i> Syd.:					
<i>Citrus</i> sp.....	do.....	1			Hawaii.
<i>Meliola tenella</i> Pat.:					
<i>Murraya paniculata</i> (jasmin-orange).....	Siam (?).....	1			Hawaii.
<i>Meloidogyne arenaria</i> (Neal) Chitwood:					
<i>Begonia</i> sp.....	Belgium.....			2	N. J.
<i>Memnoniella echinata</i> (Rivolta) L. O. Gall.:					
<i>Allium sativum</i> (garlic).....	Mexico.....	1			Tex.
<i>Cattleya citrina</i> (orchid).....	do.....			1	Tex.
<i>Citrus grandis</i> (pummelo).....	China.....		1		Calif.*
<i>Musa paradisiaca sapientum</i> (banana).....	Philippines.....			1	Calif.*
<i>Trapa natans</i> (waterchestnut).....	China.....	1			Calif.*
<i>Zingiber officinale</i> (ginger).....	China, Tahiti.....	40			Calif.*, Wash.
<i>Monilinia fructicola</i> (Wint.) Honey:					
<i>Prunus persica</i> (peach).....	Mexico.....	3	1		Tex.
<i>Monilinia fructigena</i> (Aderh. & Ruhl.) Honey:					
<i>Cydonia oblonga</i> (quince).....	Italy.....	1			N. Y.
<i>Prunus persica</i> (peach).....	France.....			1	Pa.
<i>Monilinia laxa</i> (Aderh. & Ruhl.) Honey:					
<i>Prunus cerasus</i> (sour cherry).....	Australia.....			1	Calif.*
<i>Prunus persica</i> (peach).....	Guatemala.....	1			La.
<i>Monochaetia paeoniae</i> (Maub.) Sacc. & D. Sacc.:					
<i>Paeonia suffruticosa</i> (tree peony).....	Japan.....			2	Calif.*
<i>Mycosphaerella brassicola</i> (Fr. ex Duby) Lindau:					
<i>Brassica oleracea capitata</i> (cabbage).....	Ireland.....			1	Pa.
<i>Mycosphaerella caryophylli</i> (Pass.) Cruch.:					
<i>Dianthus</i> sp. (carnation).....	Guatemala.....	1			Tex.
<i>Mycosphaerella citrullina</i> (C. O. Sm.) Gross:					
<i>Cucurbita maxima</i> (squash).....	Mexico.....	1			Tex.
<i>Secchium edule</i> (chayote).....	Guatemala.....			1	La.
<i>Mycosphaerella filicium</i> (Desm.) Schroet.:					
Fern frond.....	Japan.....	1			Hawaii.
<i>Mycosphaerella fragariae</i> (Tul.) Lindau:					
<i>Fragaria</i> sp. (strawberry).....	Italy.....			1	Mass.

List of pests (diseases) collected and reported from July 1, 1949, to June 30, 1950, inclusive—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Mycosphaerella opuntiae</i> (Ell. & Ev.) Dearn.: <i>Echinocactus</i> sp. (cactus).....	Mexico.....	---	---	1	Tex.
<i>Thelocactus bicolor</i> (cactus).....	do.....	---	---	1	Tex.
<i>Mycosphaerella pomi</i> (Pass.) Lindau: <i>Malus sylvestris</i> (apple).....	do.....	1	---	---	Tex.
<i>Mycosphaerella rhododendri</i> (Cke.) G. H. Martin: <i>Rhododendron indicum</i> (indica azalea).....	Belgium.....	---	---	1	N. J.
<i>Rhododendron</i> sp.....	Netherlands.....	---	---	1	N. J.
<i>Myrothecium verrucaria</i> (Alb. & Schw.) Ditm. ex Fr.: <i>Vanilla</i> sp. (orchid).....	Palau Island.....	---	---	1	Hawaii.
<i>Mystrosporium adustum</i> Mass.: <i>Iris reticulata</i> (netted iris).....	Netherlands.....	---	---	2	Ohio, Pa.
<i>Nigrospora sphaerica</i> (Sacc.) Mason: <i>Cymbopogon citratus</i> (lemon grass).....	Straits Settlements.....	---	1	---	Calif.*
<i>Oryza sativa</i> (rice).....	China, Japan.....	---	2	---	Calif.*
<i>Omphalia flavida</i> (Cke.) Maub. & Rangel: <i>Gardenia augusta</i> (gardenia).....	Guatemala, Mexico.....	1	---	2	La., Tex.
<i>Ophiostoma narcissi</i> Limber: <i>Narcissus</i> sp.....	Ireland, Netherlands.....	---	---	2	N. J.
<i>Papulaspora dodgei</i> Conners: <i>Allium ascalonicum</i> (shallot).....	France.....	1	---	---	N. J.
<i>Papulaspora parasitica</i> (Eidam) Harz.: <i>Allium cepa</i> (onion).....	England.....	1	---	---	Calif.*
<i>Scilla hispanica</i> (Spanish squill).....	Netherlands.....	---	---	2	Calif.*
<i>Trapa natans</i> (water chestnut).....	China.....	1	---	---	Calif.*
<i>Tulipa</i> sp.....	Netherlands.....	---	---	1	Calif.*
<i>Peronospora effusa</i> (Grev.) Rab.: <i>Spinacia oleracea</i> (spinach).....	Mexico.....	2	---	---	Ariz.
<i>Pestalotia conspicua</i> Servazzii: <i>Epidendrum</i> sp. (orchid).....	do.....	---	---	1	Calif.*
<i>Laelia anceps</i> (orchid).....	do.....	---	---	2	Calif.*
<i>Odontoglossum citrosimum</i> (orchid).....	do.....	---	---	1	Calif.*
<i>Pestalotia funerea</i> Desm.: <i>Cryptomeria japonica</i> (cryptomeria).....	Japan.....	---	---	1	Calif.*
<i>Taxus cuspidata</i> (Japanese yew).....	do.....	---	---	1	Wash.
<i>Pestalotia gibbosa</i> Harkn.: <i>Gaultheria shallon</i> (salal).....	Canada.....	---	---	1	Calif.*
<i>Pestalotia guepini</i> Desm.: <i>Camellia</i> sp.....	England.....	---	---	1	Calif.*
<i>Pestalotia macrotricha</i> Kleb.: <i>Rhododendron</i> sp.....	Netherlands.....	---	---	2	N. J.
<i>Pestalotia palmarum</i> Cke.: <i>Cocos nucifera</i> (coconut).....	Venezuela.....	---	1	---	Pa.
<i>Pestalotia peregrina</i> Ell. & Mart.: <i>Pinus massoniana</i> (Masson pine).....	China.....	---	---	1	Calif.*
<i>Pestalotia psidii</i> Pat.: <i>Psidium guajava</i> (guava).....	Mexico.....	1	---	---	Tex.
<i>Pestalotia rhododendri</i> (D. Sacc.) Guba: <i>Rhododendron</i> sp.....	Netherlands.....	---	---	1	N. J.
<i>Pestalotia scirtofaciens</i> N. A. Brown: <i>Achras zapota</i> (sapodilla).....	Mexico.....	1	---	---	Tex.
<i>Phoma citricarpa</i> McAlp.: <i>Citrus aurantifolia</i> (sour lime).....	American Samoa.....	1	---	---	Hawaii.
<i>Citrus limon</i> (lemon).....	Australia, China.....	1	5	---	Mass., N. Y., Pa.
<i>Citrus reticulata</i> (Mandarin orange).....	Australia, China, Japan.....	41	2	---	Calif.*, Hawaii Mass., N. Y.
<i>Citrus reticulata</i> var. (King orange).....	China, Japan.....	2	1	---	Calif.*, Hawaii, Mich.
<i>Citrus sinensis</i> (orange).....	Argentina, Australia, Brazil, China, Japan, Philippines, Straits Settlement, Tasmania, Union of South Africa.	69	11	---	Calif.*, Hawaii, Md., Mass., N. Y.
<i>Citrus</i> sp. (orange).....	China.....	4	---	---	Mass., N. Y.
<i>Citrus</i> sp.....	do.....	1	---	---	Hawaii.
<i>Phoma viticola</i> Sacc.: <i>Vitis</i> sp. (grape).....	Italy.....	---	---	1	N. Y.

List of pests (diseases) collected and reported from July 1, 1949, to June 30, 1950, inclusive—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Phomopsis corni</i> Trav.:					
<i>Cornus florida</i> (flowering dogwood)	Netherlands			1	N. J.
<i>Phragmidium disciflorum</i> (Tode) James:					
<i>Rosa</i> sp.	Germany, Italy	3	1		N. Y.
<i>Phragmotrichum chaillottii</i> G. Kunze:					
<i>Picea abies</i> (spruce)	Germany	1			N. Y.
<i>Phyllosticta glumarum</i> (Ell. & Tracy) Miyake:					
<i>Oryza sativa</i> (rice)	Japan	1			Calif.*
<i>Phyllosticta laetiae</i> Keissl.:					
<i>Cattleya</i> sp. (orchid)	Brazil			1	Calif.*
<i>Laelia</i> sp. (orchid)	Mexico			1	Tex.
<i>Phyllosticta mortonii</i> Fairm.:					
<i>Mangifera indica</i> (mango)	do	2			Tex.
<i>Phyllosticta nigro-maculans</i> Sacc.:					
<i>Vanda sanderiana</i> (orchid)	Philippines			1	Hawaii.
<i>Phyllosticta ruscicola</i> Dur. & Mont.:					
<i>Ruscus</i> sp.	Italy	3	1		N. Y., Pa.
<i>Phyllosticta sorghina</i> Sacc.:					
<i>Sorghum vulgare</i> (sorghum)	India			1	D. C.
<i>Physalospora camptospora</i> Sacc.:					
<i>Dendrobium undulatum</i> (orchid)	Australia			1	Hawaii.
<i>Physalospora obtusa</i> (Schw.) Cke.:					
<i>Malus sylvestris</i> (apple)	Italy		1		Pa.
<i>Salix</i> sp.	do		1		Pa.
<i>Vitis</i> sp. (grape)	Portugal			1	N. Y.
<i>Plectus parietinus</i> Bastian:					
<i>Colchicum autumnale</i> (autumn crocus)	Netherlands			1	N. J.
Soil with various plants	England			1	N. Y.
<i>Pleospora herbarum</i> (Pers.) Rab.:					
<i>Cytisus</i> sp.	do	1			Mass.
<i>Pseudomonas marginata</i> (McCull.) Stapp:					
<i>Gladiolus</i> sp.	Japan			1	Calif.*
<i>Pseudomonas savastanoi</i> (E. F. Sm.) F. L. Stevens:					
<i>Olea europaea</i> (olive)	Italy	1			Mass.
<i>Pseudomonas syringae</i> v. Hall:					
<i>Citrus limon</i> (lemon)	do	1			N. Y.
<i>Pseudomonas tonelliana</i> (Ferr.) Breed:					
<i>Nerium oleander</i> (oleander)	Italy, Mexico (?)			2	N. Y., Tex.
<i>Puccinia antirrhini</i> Diet. & Holw.:					
<i>Antirrhinum majus</i> (snapdragon)	Germany	1			N. Y.
<i>Puccinia arenariae</i> (Schum.) Wint.:					
<i>Dianthus barbatus</i> (sweet-william)	Netherlands	1		1	N. Y.
<i>Puccinia chrysanthemi</i> Roze:					
<i>Chrysanthemum</i> sp.	Japan			1	Wash.
<i>Puccinia cyperi</i> Arth.:					
<i>Cyperus</i> sp. (?)	Philippines	1			Md.
<i>Puccinia graminis</i> Pers. var. <i>tritici</i> Eriks. & E. Henn.:					
<i>Triticum aestivum</i> (wheat)	Germany, Italy	1	1		Tex., Wash.
<i>Puccinia hieracii</i> (Schum.) Mart.:					
<i>Cichorium</i> sp.	Canada			1	N. Y.
<i>Puccinia longicornis</i> Pat. & Hariot:					
<i>Sasa kurilensis</i> (bamboo)	Japan			1	D. C.
<i>Puccinia oblecta</i> Pk.:					
<i>Scirpus</i> sp. (tule)	Mexico	1			Tex.
<i>Puccinia ornithogali-thyrsoidea</i> Diet.:					
<i>Ornithogalum thyrsoidea</i> (chinkerichee)	Union of South Africa	1			Pa.
<i>Puccinia phragmites</i> (Schum.) Koern.:					
<i>Phragmites communis</i> (reed)	Denmark, Netherlands	2			Calif.*, N. Y.
<i>Puccinia rubigo-vera</i> (DC.) Wint. f. <i>secalis</i> (Eriks.) Carleton:					
<i>Secale cereale</i> (rye)	Italy	1			Wash.
<i>Puccinia sorghi</i> Schw.:					
<i>Zea mays</i> (corn)	Mexico	1			Calif.
<i>Puccinia urbaniana</i> P. Henn.:					
<i>Stachytarpheta jamaicensis</i>	Puerto Rico	1			N. Y.
<i>Stachytarpheta</i> sp.	do	1			P. R.

List of pests (diseases) collected and reported from July 1, 1949, to June 30, 1950, inclusive—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Pyrenochaeta phlogis</i> Mass.: Phlox sp.	New Zealand			1	Hawaii.
<i>Pythium splendens</i> H. Braun: <i>Dendrobium pulchellum</i> (orchid)	Siam			1	Hawaii.
<i>Ramularia tulasnei</i> Sacc.: <i>Fragaria</i> sp. (strawberry)	France, Netherlands		1	2	D. C., N. J., N. Y.
<i>Ravenelia arizonica</i> Ell. & Ev.: <i>Prosopis</i> sp. (mesquite)	Mexico		1		Tex.
<i>Schizophyllum radiatum</i> Fr.: <i>Boswellia serrata</i> ("salai" wood)	India	1			N. Y.
<i>Malus sylvestris</i> (apple)	Mexico	1			Ariz.
<i>Sclerotinia bulborum</i> (Wakk.) Rehm. (?): <i>Fritillaria imperialis</i> (crown-fritillary)	Netherlands			1	Oreg.
<i>Sclerotinia kernerii</i> Wettst.: <i>Abies</i> sp. (fir)	Germany	1			Mass.
<i>Sclerotinia minor</i> Jagger: <i>Cichorium endivia</i> (endive)	Belgium	8	1		N. Y.
<i>Sclerotium cepivorum</i> Berk.: <i>Allium sativum</i> (garlic)	Italy	27			N. Y.
<i>Septonema atrum</i> Sacc.: <i>Dahlia</i> sp.	Mexico			1	Calif.*
<i>Septoria alliorum</i> West.: <i>Allium porrum</i> (leek)	France		1		Pa.
<i>Septoria azaleae</i> Vogl.: <i>Rhododendron indicum</i> (indica azalea)	Belgium			3	N. J.
<i>Rhododendron luteum</i>	Netherlands			1	N. J.
<i>Rhododendron obtusum kaempferi</i>	do			1	N. J.
<i>Rhododendron</i> sp.	do			11	D. C., N. J.
<i>Septoria chrysanthemi</i> Allesch.: <i>Chrysanthemum morifolium</i> (mulberry chrysanthemum).	Japan	1			Wash.
<i>Chrysanthemum</i> sp.	England, Japan, Mexico, Netherlands	2		3	N. J., N. Y., Tex., Wash.
<i>Septoria citri</i> Pass.: <i>Citrus limon</i> (lemon)	Italy		1		Calif.*
<i>Citrus sinensis</i> (orange)	Australia, Spain (?)		2		Calif.*
<i>Citrus</i> sp. (orange)	Australia		1		Hawaii.
<i>Septoria cyclaminis</i> Dur. & Mont.: <i>Cyclamen</i> sp.	England			1	N. J.
<i>Septoria examinans</i> Berk. & Curt.: <i>Ilex pumila</i>	Switzerland			1	N. J.
<i>Septoria helianthi</i> Ell. & Kell.: <i>Helianthus</i> sp. (sunflower)	Mexico	1			Tex.
<i>Septoria leucanthemi</i> Sacc. & Speg.: <i>Chrysanthemum maximum</i> (Shasta daisy)	Mexico	1			Tex.
<i>Septoria malvicola</i> Ell. & G. Martin: Malvaceae	Canada			1	N. Y.
<i>Septoria posekensis</i> Sacc.: <i>Miltonia</i> sp. (orchid)	Colombia			1	Fla.
<i>Odontoglossum citrosimum</i> (orchid)	Mexico			1	Tex.
<i>Oncidium</i> (?) sp. (orchid)	Brazil			1	N. J.
<i>Sphaceloma fawcettii</i> Jenkins (?): <i>Citrus limon</i> (lemon)	Unknown		1		P. R.
<i>Sphaceloma fawcettii</i> Jenkins var. <i>scabiosa</i> (McAlp. & Tryon) Jenkins: <i>Citrus limon</i> (lemon)	Australia, New Zealand	1	4		Hawaii, N. Y., Pa.
<i>Sphaceloma perseae</i> Jenkins: <i>Persea americana</i> (avocado)	Guatemala	1			P. R.
<i>Sphaceloma punicea</i> Bitanc. & Jenkins: <i>Punica granatum</i> (pomegranate)	Italy, Mexico	4			Ariz., N. Y., Tex.
<i>Sphacelotheca holci</i> Jacks.: <i>Sorghum halepense</i> (Johnson grass)	Mexico	1			Tex.
<i>Sphaeropsis cydoniae</i> Cke. & Ell.: <i>Cydonia oblonga</i> (quince)	do	1			Tex.

List of pests (diseases) collected and reported from July 1, 1949, to June 30, 1950, inclusive—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Stachylium theobromae</i> Turc.: <i>Musa paradisiaca</i> (plantain).....	Colombia, Cuba, Dominican Republic, Honduras.	15	3	---	N. Y.
<i>Musa paradisiaca sapientum</i> (banana).....	Brazil, Canal Zone, Colombia, Costa Rica, Ecuador, Guatemala, Honduras, Mexico, Panama.	16	---	---	Calif.* Md., N. Y., Pa., S. C., Tex.
<i>Stemphylium botryosum</i> Wallr.: <i>Allium cepa</i> (onion).....	Mexico.....	1	---	---	Tex.
<i>Citrus limon</i> (lemon).....	Lebanon.....	---	---	1	Va.
<i>Citrus paradisi</i> (grapefruit).....	Cyprus (?).....	---	1	---	N. Y.
<i>Daucus carota</i> (carrot).....	Belgium.....	---	1	---	Tex.
<i>Gladiolus</i> sp.....	Mexico.....	2	---	---	Tex.
<i>Lycopersicon esculentum</i> (tomato).....	Canary Islands, Ireland, Mexico.	2	1	---	N. Y., Tex.
<i>Solanum melongena</i> (eggplant).....	Egypt.....	---	1	---	Md.
<i>Stemphylium ilicis</i> Tengwall: <i>Muscari comosum</i>	Netherlands.....	---	---	1	Ohio.
<i>Oralis</i> sp.....	do.....	---	---	1	N. J.
<i>Stilbum incarnatum</i> Wakk.: <i>Eleocharis dulcis</i> (waternut).....	China.....	12	---	---	Calif.*
<i>Pachyrhizus erosus</i> (yam bean).....	do.....	1	---	---	Wash.
<i>Trapa natans</i> (waterchestnut).....	do.....	1	---	---	Calif.*
<i>Thecopsora areolata</i> (Fr.) Magn.: <i>Prunus</i> sp.....	Finland.....	---	---	1	N. Y.
<i>Thielaviopsis basicola</i> (Berk. & Br.) Ferr.: <i>Begonia tuberhybrida</i>	Belgium.....	---	---	4	Pa.
<i>Begonia</i> sp.....	do.....	---	---	2	N. J.
<i>Sinningia speciosa</i> (gloxinia).....	do.....	---	---	5	N. J., Pa.
<i>Torula oleae</i> Cast.: <i>Olea europaea</i> (olive).....	Mexico.....	---	1	---	Calif.
<i>Trametes flavida</i> Lev.: <i>Vanda</i> sp. (orchid).....	Guam.....	---	---	1	Calif.*
<i>Tranzschelia pruni-spinosae</i> (Pers.) Diet.: <i>Prunus persica</i> (peach).....	Mexico.....	2	---	---	Tex.
<i>Trichoderma viride</i> Pers. ex Fr.: <i>Ananas comosus</i> (pineapple).....	do.....	---	1	---	Tex.
<i>Trullula olivascens</i> Sacc.: <i>Ribes uva-crispa</i> (European gooseberry).....	Germany.....	---	---	1	N. J.
<i>Tryblietella prosopidis</i> (Pk.) Rehm: <i>Prosopis</i> sp. (mesquite).....	Mexico.....	1	---	---	Tex.
<i>Tubercularia vulgaris</i> Tode ex Fr.: <i>Acer</i> sp.....	Netherlands.....	---	---	1	N. J.
<i>Kerria japonica</i> (kerria).....	do.....	---	---	1	N. J.
<i>Tylenchus allii</i> Beijerinck: <i>Allium sativum</i> (garlic).....	Mexico, Spain.....	3	1	---	Tex.
<i>Tylenchus filiformis</i> Butschli: Soil with <i>Artemisia</i> , <i>Dianthus</i> , and <i>Sedum</i> plants.	Italy.....	---	---	1	Mass.
Soil with carnation plants.	do.....	---	---	1	N. Y.
<i>Tylenchus putrefaciens</i> Kuhn: <i>Allium sativum</i> (garlic).....	Mexico.....	1	---	---	Tex.
<i>Uredo behnickiana</i> P. Henn.: <i>Epidendrum</i> sp. (orchid).....	do.....	---	---	1	Tex.
<i>Laelia anceps</i> (orchid).....	do.....	---	---	2	Tex.
<i>Uredo guacae</i> Mayor: <i>Sobralia</i> sp.....	Nicaragua.....	---	---	1	Calif.*
<i>Uredo nigropunctata</i> P. Henn.: <i>Epidendrum</i> sp. (orchid).....	Costa Rica.....	---	---	1	Fla.
<i>Uredo oncidii</i> P. Henn.: <i>Zygopetalum burtii</i> (orchid).....	do.....	---	---	1	Fla.
<i>Urocystis colchici</i> (Schlecht.) Rab.: <i>Colchicum</i> sp.....	Netherlands.....	---	---	1	N. J.
<i>Urocystis gladiolicola</i> Ainsworth: <i>Gladiolus cuspidatus</i>	do.....	---	---	1	N. J.
<i>Gladiolus grandis</i>	do.....	---	---	1	N. J.
<i>Gladiolus</i> sp.....	do.....	---	---	2	N. J., N. Y.

List of pests (diseases) collected and reported from July 1, 1949, to June 30, 1950,
inclusive—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Urocystis tritici</i> Koern.:					
<i>Triticum aestivum</i> (wheat).....	Australia.....	1			N. J.
<i>Uromyces alyxiae</i> Arth.:					
<i>Alyxia olivaeformis</i> (maile alyxia).....	Hawaii.....	2			Calif.*
<i>Uromyces fabae</i> (Pers.) D By.:					
<i>Vicia faba</i> (broadbean).....	France, Italy.....		2		N. Y., Pa.
<i>Uromyces holwayi</i> Lagh.:					
<i>Lilium columbianum</i> (Columbia lily).....	British Columbia.....	1			Wash.
<i>Uromyces lespedezae-procumbentis</i> (Schw.) Curt.:					
<i>Lespedeza bicolor</i> (shrub bushclover).....	Japan.....			1	Wash.
<i>Uromyces scillarum</i> (Grev.) Wint.:					
<i>Muscari</i> sp.....	England.....			1	N. Y.
<i>Ustilago aristidae-cyananthae</i> Bref.:					
<i>Aristida cyanantha</i>	India.....			1	D. C.
<i>Ustilago avenae</i> (Pers.) Jens.:					
<i>Avena sativa</i> (oat).....	Yugoslavia.....			1	D. C.
<i>Ustilago bullata</i> Berk.:					
<i>Bromus</i> sp.....	Iraq.....			1	D. C.
<i>Ustilago esculenta</i> P. Henn.:					
<i>Zizania aquatica</i>	Japan.....	1			N. Y.
<i>Ustilago tritici</i> (Pers.) Rostr.:					
<i>Triticum aestivum</i> (wheat).....	France.....	1			N. Y.
<i>Venturia inaequalis</i> (Cke.) Wint. var. <i>cinerascens</i> (Fekl.) Aderh.:					
<i>Sorbus</i> sp. (sorbe apple).....	Italy.....	1			N. Y.
<i>Vermicularia herbarum</i> West.:					
<i>Dianthus</i> sp.....	England.....			1	Wash.
<i>Verticillium lateritium</i> (Fr.) Rabh.:					
<i>Galanthus</i> sp.....	Netherlands.....			1	N. J.
<i>Volutella buzi</i> (Cda.) Berk.:					
<i>Buzus microphylla koreana</i>	do.....			1	N. J.
<i>Xanthomonas citri</i> (Hasse) Dowson:					
<i>Citrus aurantifolia</i> (sour lime).....	Ceylon, India, unknown.....	6	12		Mass., N. Y., Pa.
<i>Citrus grandis</i> (pummelo).....	Japan.....	1			Calif.*
<i>Citrus limon</i> (lemon).....	do.....	1	3		Calif.*
<i>Citrus paradisi</i> (grapefruit).....	do.....		1		Calif.*
<i>Citrus reticulata</i> (Mandarin orange).....	China, Japan.....	3			Calif.*
<i>Citrus sinensis</i> (orange).....	do.....	11	1		Calif.*
<i>Citrus</i> sp. (orange).....	India.....		1		Md.
<i>Xanthomonas hyacinthi</i> (Wakk.) Dowson:					
<i>Hyacinthus</i> sp.....	Netherlands.....			1	Mich.
<i>Xanthomonas vesicatoria</i> (Doidge) Dowson:					
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1			Tex.
<i>Zygospotium oscheoides</i> Mont.:					
<i>Musa paradisiaca sapientum</i> (banana).....	Colombia.....	2			S. C.

Hosts and diseases

- ABIES:**
Sclerotinia kernerii (Ascomycetes)
ACACIA:
Maravalia hyalospora (Deuteromycetes)
ACER:
Tubercularia vulgaris (Deuteromycetes)
ACHRAS:
Diplodia theobromae (Deuteromycetes)
Pestalotia scirtofaciens (Deuteromycetes)
AGAVE:
Colletotrichum agaves (Deuteromycetes)
ALLIUM ASCALONICUM:
Papulaspora dodgeii (Deuteromycetes)
ALLIUM CEPA:
Alternaria porri (Deuteromycetes)
Curvularia lunata (Deuteromycetes)
Diplodia theobromae (Deuteromycetes)
Fusarium oxysporum f. cepae (Deuteromycetes)
Papularpora parasitica (Deuteromycetes)
Stemphylium botryosum (Deuteromycetes)
ALLIUM PORRUM:
Septoria alliorum (Deuteromycetes)
ALLIUM SATIVUM:
Macrophomina phaseolina (Deuteromycetes)
Memmoniella echinata (Deuteromycetes)
Sclerotium cepivorum (Deuteromycetes)
Tylenchus allii (Nematoda)
Tylenchus putrefaciens (Nematoda)
ALYXIA:
Uromyces alyxiae (Promycetes)
ANANAS:
Curvularia lunata (Deuteromycetes)
Diplodia theobromae (Deuteromycetes)
Trichoderma viride (Deuteromycetes)
ANDROMEDA:
Diplodina rostrupii (Deuteromycetes)
ANTIRRHINUM:
Puccinia antirrhini (Promycetes)
ARACHIS:
Macrophomina phaseolina (Deuteromycetes)
ARECA:
Diplodia theobromae (Deuteromycetes)
Gloeosporium catechu (Deuteromycetes)
ARISTIDA:
Ustilago aristidae-cyananthae (Promycetes)
ARMERIA:
Cercospora insulana (Deuteromycetes)
ASPIDISTRA:
Colletotrichum omnivorum (Deuteromycetes)
AVENA:
Cercospora avenae (Promycetes)
BAMBOO:
Coniosporium shiraianum (Deuteromycetes)
BEGONIA:
Meloidogyne arenaria (Nematoda)
Thielaviopsis basicola (Deuteromycetes)
BETULA:
Melampsorium betulinum (Promycetes)
BOSWELLIA:
Schizophyllum radiatum (Basidiomycetes)
BRASSICA OLERACEA CAPITATA:
Mycosphaerella brassicola (Ascomycetes)
BROMUS:
Ustilago bullata (Promycete)
BUXUS:
Volutella buxi (Deuteromycetes)
CAJANUS:
Colletotrichum cajani (Deuteromycetes)
CAMELLIA:
Camellia yellow-spot virus
Pestalotia quepini (Deuteromycetes)
CAPPARIS:
Cercospora capparis (Deuteromycetes)
CAPSIUM:
Gloeosporium piperatum (Deuteromycetes)
CARICA:
Hormodendrum cladosporioides (Deuteromycetes)
CASTANEA:
Diplodia castaneae (Deuteromycetes)
CATTLEY:
Memmoniella echinata (Deuteromycetes)
Phyllosticta laeliae (Deuteromycetes)
CHAENOMELES:
Gymnosporangium haraeanaum (Promycetes)
CHRYSANTHEMUM:
Heterosporium variabile (Deuteromycetes)
- CHRYSANTHEMUM—Continued**
Puccinia chrysanthemi (Promycetes)
Septoria chrysanthemi (Deuteromycetes)
Septoria leucanthemi (Deuteromycetes)
CICHORIUM:
Puccinia hieracii (Promycetes)
Sclerotinia minor (Ascomycetes)
CITRULLUS:
Fusarium oxysporum f. niveum (Deuteromycetes)
CITRUS AURANTIFOLIA:
Elsinoe australis (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
CITRUS GRANDIS:
Memmoniella echinata (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
CITRUS LIMON:
Alternaria citri (Deuteromycetes)
Ascochyta citri (?) (Deuteromycetes)
Cancrosis "B"
Diplodia theobromae (Deuteromycetes)
Elsinoe australis (Ascomycetes)
Ervinia citrimaculans (Schizomycetes)
Phoma citricarpa (Deuteromycetes)
Pseudomonas syringae (Schizomycetes)
Septoria citri (Deuteromycetes)
Sphaeloma fawcettii (?) (Deuteromycetes)
Sphaeloma fawcettii var. *scabiosa* (Deuteromycetes)
Stemphylium botryosum (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
CITRUS PARADISI:
Elsinoe australis (Ascomycetes)
Stemphylium botryosum (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
CITRUS RETICULATA:
Elsinoe australis (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
CITRUS RETICULATA VAR.:
Phoma citricarpa (Deuteromycetes)
CITRUS SINENSIS:
Alternaria citri (Deuteromycetes)
Ascochyta citri (?) (Deuteromycetes)
Elsinoe australis (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Septoria citri (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
CITRUS SP. (orange):
Elsinoe australis (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Septoria citri (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
CITRUS SP.:
Meliola citricola (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
COCOS:
Cryptospora longispora (?) (Ascomycetes)
Diplodia epicocos (Deuteromycetes)
Pestalotia palmarum (Deuteromycetes)
ODIAEUM:
Cercospora codiae (Deuteromycetes)
Laetitia miniscula (Ascomycetes)
COFFEA:
Cercospora coffeicola (Deuteromycetes)
COLCHICUM:
Plectus parietinus (Nematoda)
Urocystis colchici (Promycetes)
COLOCASIA:
Chlamydomyces palmarum (Deuteromycetes)
CORNUS:
Phomopsis corni (Deuteromycetes)
CROCUS:
Fusarium oxysporum (Deuteromycetes)
CRYPTOMERIA:
Pestalotia funerea (Deuteromycetes)
CUCURBITA:
Marmor cucumeris (Virus)
Mycosphaerella citrullina (Ascomycetes)
CYCLAMEN:
Septoria cyclaminis (Deuteromycetes)
CYDONIA:
Fabraea maculata (Ascomycetes)
Hormodendrum cladosporioides (Deuteromycetes)
Monilinia fructigena (Deuteromycetes)
Sphaeropsis cydoniae (Deuteromycetes)

Hosts and diseases—Continued

- CYMBIDIUM:**
Colletotrichum cinctum (Deuteromycetes)
- CYMBOPOGON:**
Nigrospora sphaerica (Deuteromycetes)
- CYPERUS:**
Puccinia cyperi (Promycetes)
- CYTISUS:**
Pleospora herbarum (Ascomycetes)
- DACTYLOCTENIUM:**
Helminthosporium nodulosum (Deuteromycetes)
- DAHLIA:**
Septonema atrum (Deuteromycetes)
- DAUCUS:**
Stemphylium botryosum (Deuteromycetes)
- DENDROBIUM:**
Diplodia theobromae (Deuteromycetes)
Physalospora camptospora (Ascomycetes)
Pythium splendens (Phycomycetes)
- DIANTHUS:**
Alternaria dianthi (Deuteromycetes)
Mycosphaerella caryophylli (Ascomycetes)
Puccinia arenariae (Promycetes)
Vermicularia herbarum (Deuteromycetes)
- ECHINOCACTUS:**
Mycosphaerella opuntiae (Ascomycetes)
- ELEOCHARIS:**
Gliomastix convoluta (Deuteromycetes)
Macrophomina phaseolina (Deuteromycetes)
Stilbum incarnatum (Deuteromycetes)
- EPIDENDRUM:**
Gloeosporium epidendri (Deuteromycetes)
Pestalotia conspicua (Deuteromycetes)
Uredo behnickiana (Promycetes)
Uredo nigropunctata (Promycetes)
- ERIOBOTRYA:**
Fusicladium eriobotryae (Deuteromycetes)
- FAGUS:**
Fusicoccum galeculatum (Deuteromycetes)
- FICUS:**
Cercospora bolleana (Deuteromycetes)
- FOENICULUM:**
Fusicladium depressum (Deuteromycetes)
- FRAGARIA:**
Diplocarpon earliana (Ascomycetes)
Marmor fragariae (Virus)
Mycosphaerella fragariae (Ascomycetes)
Ramularia tulasnei (Deuteromycetes)
- FRAXINUS:**
Cercospora fraxinites (Deuteromycetes)
- FRITILLARIA:**
Sclerotinia bulborum (Ascomycetes)
- GALANTHUS:**
Botrytis galanthina (Deuteromycetes)
Verticillium lateritium (Deuteromycetes)
- GALTONIA:**
Ditylenchus dipsaci (Nematoda)
- GARDENIA:**
Omphalia flavida (Deuteromycetes)
- GAULTHERIA:**
Discosia artocreas (Deuteromycetes)
Pestalotia gibbosa (Deuteromycetes)
- GLADIOLUS:**
Botrytis gladiolorum (Deuteromycetes)
Curvularia lunata (Deuteromycetes)
Fusarium oxysporum f. *gladioli* (Deuteromycetes)
Pseudomonas marginata (Schizomycetes)
Stemphylium botryosum (Deuteromycetes)
Urocystis gladiolicola (Promycetes)
- GOSSYPIUM:**
Cercospora gossypina (Deuteromycetes)
- HELIANTHUS:**
Septoria helianthi (Deuteromycetes)
- HELLEBORUS:**
Coniothyrium hellebori (Deuteromycetes)
- HYACINTHUS:**
Xanthomonas hyacinthi (Schizomycetes)
- ILEX:**
Septoria examians (Deuteromycetes)
- IRIS:**
Aphelenchoides subtenuis (Nematoda)
Colletotrichum liliacearum (Deuteromycetes)
Myrothecium adustum (Deuteromycetes)
- KERRIA:**
Tubercularia vulgaris (Deuteromycetes)
- LAELIA:**
Camillea sagraena (Ascomycetes)
- LAELIA—Continued**
Glomerella cincta (Ascomycetes)
Pestalotia conspicua (Deuteromycetes)
Phyllosticta laeliae (Deuteromycetes)
Uredo behnickiana (Promycetes)
- LESPEDEZA:**
Uromyces lespedezae-procumbentis (Promycetes)
- LILIUM:**
Botrytis elliptica (Deuteromycetes)
Colletotrichum lili (Deuteromycetes)
Uromyces holwayi (Promycetes)
- LYCOPERSICON:**
Fusarium oxysporum lycopersici (Deuteromycetes)
Stemphylium botryosum (Deuteromycetes)
Xanthomonas vesicatoria (Schizomycetes)
- MALUS:**
Diaporthe eres (Ascomycetes)
Gloeodes pomigena (Deuteromycetes)
Leptothyrium pomi (Deuteromycetes)
Mycosphaerella pomi (Ascomycetes)
Physalospora obtusa (Ascomycetes)
Schizophyllum radiale (Basidiomycetes)
- MALVACEAE:**
Septoria malvicola (Deuteromycetes)
- MANGIFERA:**
Phyllosticta mortoni (Deuteromycetes)
- MANIHOT:**
Diplodia theobromae (Deuteromycetes)
- MEDICAGO:**
Arthrobotrys superba (Deuteromycetes)
- MILTONIA:**
Septoria posekensis (Deuteromycetes)
- MURRAYA:**
Meliola tenella (Ascomycetes)
- MUSA PARADISIACA:**
Helminthosporium torulosum (Deuteromycetes)
Stachylium theobromae (Deuteromycetes)
- MUSA PARADISIACA SAPIENTUM:**
Cercospora musae (Deuteromycetes)
Helminthosporium torulosum (Deuteromycetes)
Macrophoma musae (Deuteromycetes)
Memnoniella echinata (Deuteromycetes)
Stachylium theobromae (Deuteromycetes)
Zygosporium oscheoides (Deuteromycetes)
- MUSCARI:**
Stemphylium ilicis (Deuteromycetes)
Uromyces scillarum (Promycetes)
- NARCISSUS:**
Aphelenchoides subtenuis (Nematoda)
Fusarium oxysporum f. *narcissi* (Deuteromycetes)
Ophiostoma narcissi (Ascomycetes)
- NERIUM:**
Cercospora neriella (Deuteromycetes)
Pseudomonas tonelliana (Schizomycetes)
- NYMPHAEAE:**
Diplodia theobromae (Deuteromycetes)
- ODONTOGLOSSUM:**
Pestalotia conspicua (Deuteromycetes)
Septoria posekensis (Deuteromycetes)
- OLEA:**
Cycloconium oleaginum (Deuteromycetes)
Macrophoma oleae (Deuteromycetes)
Pseudomonas savastanoi (Schizomycetes)
Torula oleae (Deuteromycetes)
- ONCIDIUM:**
Septoria posekensis (Deuteromycetes)
- OPUNTIA:**
Hendersonia opuntiae (Deuteromycetes)
- ORCHID:**
Colletotrichum cinctum (Deuteromycetes)
Diplodia theobromae (Deuteromycetes)
- ORNITHOGALUM:**
Heterosporium ornithogali (Deuteromycetes)
Puccinia ornithogali-thyrsoides (Promycetes)
- ORYZA:**
Cercospora oryzae (Deuteromycetes)
Chaetomium elatum (Ascomycetes)
Diplodiella oryzae (Deuteromycetes)
Entyloma oryzae (Promycetes)
Helminthosporium oryzae (Deuteromycetes)
Leptosphaeria sativii (Ascomycetes)
Nigrospora sphaerica (Deuteromycetes)
Phyllosticta glumarum (Deuteromycetes)
- OXALIS:**
Stemphylium ilicis (Deuteromycetes)

Hosts and diseases—Continued

PACHYRHIZUS:

Stilbum incarnatum (Deuteromycetes)

PAEONIA:

Monochaetia paeoniae (Deuteromycetes)

PERSEA:

Sphaceloma perseae (Deuteromycetes)

PHASEOLUS LUNATUS MACROCARPUS:

Elsinoe phaseoli (Ascomycetes)

Isariopsis griseola (Deuteromycetes)

PHLOX:

Pyrenochaeta phlogis (Deuteromycetes)

PHRAGMITES:

Puccinia phragmites (Promycetes)

PHYSALIS:

Cercospora physalicola (Deuteromycetes)

PICEA:

Phragmotrichum chailletii (Promycetes)

PINUS:

Cercospora pini-densiflorae (Deuteromycetes)

Lophodermium pinastri (Ascomycetes)

Pestalotia peregrina (Deuteromycetes)

PISUM:

Ascochyta pisi (Deuteromycetes)

Colletotrichum pisi (Deuteromycetes)

PROSOPIA:

Gloeosporium leguminum (Deuteromycetes)

Ravenelia arizonica (Promycetes)

Tryblidella prosopidis (Ascomycetes)

PRUNUS ARMENIACA:

Coryneum beijerinckii (Deuteromycetes)

PRUNUS CERASUS:

Monilinia laxa (Ascomycetes)

PRUNUS PERSICA:

Coryneum beijerinckii (Deuteromycetes)

Monilinia fructicola (Ascomycetes)

Monilinia fructigena (Ascomycetes)

Monilinia laxa (Ascomycetes)

Transschelia pruni-spinosae (Promycetes)

PRUNUS SP.:

Thecospora areolata (Promycetes)

PSIDIUM:

Pestalotia psidii (Deuteromycetes)

PUERARIA:

Gliomastix convoluta (Deuteromycetes)

Melanospora zamiae (Ascomycetes)

PUNICA:

Cercospora lythracearum (Deuteromycetes)

Cytospora punica (Deuteromycetes)

Sphaceloma punicae (Deuteromycetes)

PYRACANTHA:

Fusicladium pyracanthae (Deuteromycetes)

RAPHANUS:

Aphanomyces raphani (Phycomycetes)

RHODODENDRON:

Cercospora handeltii (Deuteromycetes)

Chrysomyxa rhododendri (Promycetes)

Erobasidium vaccinii (Basidiomycetes)

Mycosphaerella rhododendri (Ascomycetes)

Pestalotia macrotricha (Deuteromycetes)

Pestalotia rhododendri (Deuteromycetes)

Septoria azaleae (Deuteromycetes)

RIBES:

Cronartium ribicola (Promycetes)

Trullula olivascens (Deuteromycetes)

RICINUS:

Cercospora ricinella (Deuteromycetes)

ROSA:

Coryneum microstictum (Deuteromycetes)

Phragmidium disciflorum (Promycetes)

RUSCUS:

Leptosphaeria ruscii (Ascomycetes)

Phyllosticta ruscicola (Deuteromycetes)

SACCHARUM:

Colletotrichum falcatum (Deuteromycetes)

Gnomonia iliaui (Deuteromycetes)

Leptosphaeria sacchari (Ascomycetes)

SALIX:

Botryosphaeria ribis (Ascomycetes)

Physalospora obtusa (Ascomycetes)

SANSEVIERIA:

Gloeosporium sansevieriae (Deuteromycetes)

SASA:

Puccinia longicornis (Promycetes)

SCILLA:

Gliomastix convoluta (Deuteromycetes)

Papulaspora parasitica (Deuteromycetes)

SCIRPUS:

Puccinia oblecta (Promycetes)

SECALE:

Puccinia rubigo-nera f. secalis (Promycetes)

SECHUIM:

Mycosphaerella citrullina (Ascomycetes)

SINNINGIA:

Thielaviopsis basicola (Deuteromycetes)

SOBRALIA:

Uredo guacae (Promycetes)

SOIL:

Aphelenchoides ribes (Nematoda)

Aphelenchus agricola (Nematoda)

Aphelenchus avenae (Nematoda)

Ditylenchus intermedius (Nematoda)

Heterodera avenae (Nematoda)

Heterodera goettingiana (Nematoda)

Heterodera punctata (Nematoda)

Heterodera rostochiensis (Nematoda)

Heterodera schachtii (Nematoda)

Plectus parietinus (Nematoda)

Tylenchus filiformis (Nematoda)

SOLANUM MELONGENA:

Stemphylium botryosum (Deuteromycetes)

SOLANUM TUBEROSUM:

Fusarium oxysporum f. tuberosi (Deuteromycetes)

Gliomastix convoluta (Deuteromycetes)

SORBUS:

Venturia inaequalis var. *cinerascens* (Ascomycetes)

SORGHUM:

Cercospora sorghi (Deuteromycetes)

Colletotrichum falcatum (Deuteromycetes)

Colletotrichum graminicolum (Deuteromycetes)

Helminthosporium turcicum (Deuteromycetes)

Phyllosticta sorghina (Deuteromycetes)

Sphacelotheca holci (Promycetes)

SPINACIA:

Peronospora effusa (Phycomycetes)

STACHYTARPHETA:

Puccinia urbaniana (Promycetes)

TAXUS:

Pestalotia funerea (Deuteromycetes)

THELOCACTUS:

Mycosphaerella opuntiae (Ascomycetes)

THEOBROMA:

Diplodia theobromae (Deuteromycetes)

TRAPA:

Memmoniella echinata (Deuteromycetes)

Papulaspora parasitica (Deuteromycetes)

Stilbum incarnatum (Deuteromycetes)

TRITICUM:

Leptosphaeria tritici (Ascomycetes)

Puccinia graminis var. *tritici* (Promycetes)

Urocystis tritici (Promycetes)

Ustilago tritici (Promycetes)

TULIPA:

Papulaspora parasitica (Deuteromycetes)

TYPHA:

Leptosphaeria typharum (Ascomycetes)

VANDA:

Phyllosticta nigro-maculans (Deuteromycetes)

Trametes flavida (Basidiomycetes)

VANILLA:

Myrothecium verrucaria (Deuteromycetes)

VICIA:

Ascochyta pisi (Deuteromycetes)

Uromyces fabae (Promycetes)

VIOLA:

Cercospora violae (Deuteromycetes)

VITIS:

Coryneum microstictum (Deuteromycetes)

Hendersonia sarmentorum (Deuteromycetes)

Phoma viticola (Deuteromycetes)

Physalospora obtusa (Ascomycetes)

ZEA:

Puccinia sorghi (Promycetes)

ZINGIBER:

Gliomastix convoluta (Deuteromycetes)

Melanospora zamiae (Ascomycetes)

Memmoniella echinata (Deuteromycetes)

ZIZANIA:

Ustilago esculenta (Promycetes)

ZYGOPELALUM:

Uredo oncidii (Promycetes)

Hosts unknown

FERN:
Mycosphaerella filicum (Ascomycetes)
 GRASS:
Colletotrichum graminicolum (Deuteromycetes)

PLANT:
Eucephalobus oxyuroides (Nematoda)
 SCREENINGS FROM STRAW PACKING:
Heterodera rostochiensis (Nematoda)

Countries of origin and diseases

- ALGERIA:
Leptothyrium pomi
 AMERICAN SAMOA:
Phoma citricarpa
 ARGENTINA:
Botryosphaeria ribis
 Cancrosis "B"
Elsinoe australis
Heterodera rostochiensis
Phoma citricarpa
 AUSTRALIA:
Alternaria citri
Diplodia theobromae
Gliomastix convoluta
Monilinia lara
Phoma citricarpa
Physalospora campylopora
Septoria citri
Sphaceloma fawcettii var. *scabiosa*
Urocystis tritici
 AUSTRIA:
Chrysomyza rhododendri
Coryneum beijerinckii
Leptothyrium pomi
 AZORES:
Ascochyta pisi
 BELGIUM:
Cercospora handelii
Colletotrichum omnivorum
Ezobasidium vaccinii
Meloidogyne arenaria
Mycosphaerella rhododendri
Sclerotinia minor
Septoria azaleae
Stemphylium botryosum
Thielariopsis basicola
 BERMUDA:
Cercospora neriella
 BRAZIL:
Cercospora coffeicola
Cercospora musae
Elsinoe australis
Phoma citricarpa
Phyllosticta laetiae
Septoria posekensis
Stachylium theobromae
 BRITISH COLUMBIA:
Uromyces holwayi
 BRITISH WEST INDIES:
Cercospora coffeicola
 CANADA:
Arthrobotrys superba
Discosia artocreas
Pestalotia gibbosa
Puccinia hieracii
Septoria malvicola
 CANAL ZONE:
Cercospora musae
Gloeosporium sansevieriae
Stachylium theobromae
 CANARY ISLANDS:
Stemphylium botryosum
 CEYLON:
Xanthomonas citri
 CHINA:
Botrytis elliptica
Cercospora pini-densiflorae
Chlamydomyces palmarum
Colletotrichum graminicolum
Colletotrichum lilii
Diplodiella oryzae
Gliomastix convoluta
Macrophomina phaseolina
Marasmius hyalospora
Melanospora zamiae
Meliola citricola
Memnoniella echinata
 CHINA—Continued
Nigrospora sphaerica
Papulaspora parasitica
Pestalotia peregrina
Phoma citricarpa
Stilbum incarnatum
Xanthomonas citri
 COLOMBIA:
Cercospora musae
Septoria posekensis
Stachylium theobromae
Zygosporium oscheoides
 COSTA RICA:
Cercospora musae
Gloeosporium epidendri
Macrophoma musae
Stachylium theobromae
Uredo nigropuncta
Uredo oncidii
 CUBA:
Cercospora musae
Diplodia theobromae
Elsinoe phaseoli
Helminthosporium oryzae
Helminthosporium torulosum
Stachylium theobromae
 CYPRUS:
Stemphylium botryosum
 CZECHOSLOVAKIA:
Fusicladium depressum
 DENMARK:
Cronartium ribicola
Fusarium oxysporum f. *tuberosi*
Heterodera rostochiensis
Puccinia phragmites
 DOMINICAN REPUBLIC:
Cercospora musae
Diplodia theobromae
Stachylium theobromae
 ECUADOR:
Cercospora musae
Stachylium theobromae
 EGYPT:
Stemphylium botryosum
 ENGLAND:
Aphelenchoides ribes (?)
Colletotrichum cinctum
Colletotrichum liliacearum
Coniothyrium hellebori
Fusarium oxysporum f. *gladioli*
Fusarium oxysporum f. *narcissi*
Heterodera punctata
Heterodera rostochiensis
Heterodera schachtii
Marmor fragariae
Melanconium betulinum
Papulaspora parasitica
Pestalotia guepini
Plectus parietinus
Pleospora herbarum
Septoria chrysanthemi
Septoria cyclaminis
Uromyces scillarum
Vermicularia herbarum
 FIJI ISLANDS:
Ascochyta citri
 FINLAND:
Melampsoridium betulinum
Thecopsis aerolata
 FRANCE:
Alternaria dianthi
Heterodera punctata
Heterodera rostochiensis
Heterodera schachtii
Monilinia fructigena
Papulaspora dodgii
Ramularia tulasnei

Countries of origin and diseases—Continued

FRANCE—Continued

Septoria althorum
Uromyces fabae
Ustilago tritici

FRENCH GUINEA:

Currularia lunata

GERMANY:

Aphelenchus avenae
Chrysomya rhododendri
Ditylenchus intermedius
Gloeodes pomigena
Heterodera punctata
Heterodera rostochiensis
Heterodera schachtii
Phragmidium disciflorum
Phragmotrichum chaillottii
Puccinia antirrhini
Puccinia graminis var. *tritici*
Sclerotinia kernerii
Trullula olivascens

GOLD COAST:

Gloeosporium piperatum
Macrophomina phaseolina

GREECE:

Helminthosporium oryzae

GRENADA:

Cercospora musae

GUAM:

Gloeosporium catechu
Trametes flavida

GUATEMALA:

Cercospora musae
Monilinia laxa
Mycosphaerella citrullina
Mycosphaerella caryophylli
Omphalia flavida
Sphaceloma perseae
Stachyridium theobromae

HAITI:

Cercospora musae
Colletotrichum falcatum

HAWAII:

Uromyces alysiae

HONDURAS:

Cercospora musae
Stachyridium theobromae

INDIA:

Cercospora musae
Phyllosticta sorghina
Schizophyllum radiatum
Ustilago aristidae-cyananthae
Xanthomonas citri

IRAQ:

Ustilago bullata

IRELAND:

Heterodera punctata
Heterodera rostochiensis
Mycosphaerella brassicola
Ophiostoma narcissi
Stemphylium botryosum

ITALY:

Alternaria citri
Aphelenchoides subtenuus
Aphelenchus agricola
Aphelenchus avenae
Ascochyta citri (?)
Ascochyta pisi
Camellia yellow-spot virus
Cercospora violae
Coryneum beijerinckii
Cycloconium oleaginum
Diplodia castaneae
Diplodia theobromae
Erwinia citrimaculans
Eucephalobus oryzyroides
Fusicladium eriobotryae
Hendersonia samentorum
Heterodera avenae
Heterodera goettingiana
Heterodera schachtii
Leptosphaeria rusci
Macrophoma oleae
Macrophomina phaseolina
Monilinia fructigena
Mycosphaerella fragariae

ITALY—Continued

Phoma viticola
Phragmidium disciflorum
Phyllosticta ruscicola
Physalospora obtusa
Pseudomonas savastanoi
Pseudomonas syringae
Pseudomonas tonelliana
Puccinia graminis var. *tritici*
Puccinia rubigo-vera f. *secalis*
Sclerotium cepivorum
Septoria citri
Sphaceloma punicae
Tylenchus filiformis
Uromyces fabae
Venturia inaequalis var. *cinerascens*

JAPAN:

Alternaria dianthi
Botrytis elliptica
Colletotrichum lili
Coniosporium shiraianum
Gloeodes pomigena
Gymnosporangium haraeaeum
Leptosphaeria salvinii
Leptosphaeria tritici
Monochaetia paeoniae
Mycosphaerella filicum
Nigrospora sphaerica
Pestalotia funerea
Phoma citricarpa
Phyllosticta glumarum
Pseudomonas marginata
Puccinia chrysanthemi
Puccinia longicornis
Septoria chrysanthemi
Uromyces lespedezae-procumbentis
Ustilago esculenta
Xanthomonas citri

LEBANON:

Alternaria citri
Stemphylium botryosum

MARTINIQUE:

Cercospora musae

MEXICO:

Alternaria porri
Aphanomyces raphani
Ascochyta pisi
Botrytis gladiolorum
Cercospora bolleana
Cercospora codiae
Cercospora fraxinites
Cercospora gossypina
Cercospora insulana
Cercospora lythracearum
Cercospora musae
Cercospora oryzae
Cercospora physalicola
Cercospora ricinella
Cercospora sorghi
Chaetomium elatum
Colletotrichum agaves
Colletotrichum cinctum
Colletotrichum falcatum
Colletotrichum graminicolum
Colletotrichum lili
Colletotrichum pisi
Coryneum beijerinckii
Cryptospora longispora
Currularia lunata
Cytospora punica
Diplodia epicocos
Diplodia theobromae
Entyloma oryzae
Fabraea maculata
Fusarium oxysporum f. *cepae*
Fusarium oxysporum f. *lycopersici*
Fusarium oxysporum f. *niveum*
Fusarium oxysporum f. *tuberosi*
Gloeodes pomigena
Gloeosporium leguminum
Glomerella cincta
Gnomonia iliax
Helminthosporium oryzae
Helminthosporium turcicum
Hendersonia opuntiae

Countries of origin and diseases—Continued

MEXICO—Continued

Hormodendrum cladosporioides
Leptosphaeria sacchari
Leptosphaeria typharum
Leptothyrium pomi
Lophodermium pinastri
Marmor cucumeris
Memmoniella echinata
Monilinia fructicola
Mycosphaerella citrullina
Mycosphaerella opuntiae
Mycosphaerella pomi
Omphalia flavida
Peronospora effusa
Pestalotia conspicua
Pestalotia psidii
Pestalotia scirpifaciens
Phyllosticta laeliae
Phyllosticta mortoni
Pseudomonas tonelliana
Puccinia obtecta
Puccinia sorghi
Ravenelia arizonica
Schizophyllum radiatum
Septonema atrum
Septoria chrysanthemi
Septoria helianthi
Septoria leucanthemi
Septoria posekensis
Sphaceloma punicae
Sphacelotheca holci
Sphaeropsis cydoniae
Stachylidium theobromae
Stemphylium botryosum
Torula oleae
Tranzschelia pruni-spinosae
Trichoderma viride
Trybliella prosopidis
Tylenchus allii
Tylenchus putrefaciens
Uredo behnickiana
Xanthomonas vesicatoria

NETHERLANDS:

Aphelenchoides subtenuus
Botrytis galanthina
Cercospora handelii
Colletotrichum lilii
Coniothyrium hellebori
Coryneum microstictum
Diplodia rostrupii
Ditylenchus dipsaci
Fusarium oxysporum
Fusarium oxysporum f. gladioli
Fusarium oxysporum f. narcissi
Fusicladium pyracanthae
Fusicoccum galeucicatum
Gliomastix convoluta
Heterodera punctata
Heterodera rostochiensis
Heterodera schachtii
Mycosphaerella rhododendri
Mystrosporium adustum
Ophiostoma narcissi
Papulaspora parasitica
Pestalotia macrotricha
Pestalotia rhododendri
Phomopsis corni
Plectus parietinus
Puccinia arenariae
Puccinia phragmitis
Ramularia tulasnei
Sclerotinia bulborum (?)
Septoria azaleae
Septoria chrysanthemi
Stemphylium ilicis
Tubercularia vulgaris
Urocystis colchici
Urocystis gladiolicola
Verticillium lateritium
Volutella buxi

NEW ZEALAND:

Pyrenochaeta phlogis
Sphaceloma fauvecitii var. *scabiosa*

NICARAGUA:

Uredo guacae

NORTHERN IRELAND:

Heterodera punctata
Heterodera rostochiensis

NORWAY:

Diplocarpon earliana
Heterodera punctata

PAKISTAN:

Helminthosporium torulosum

PALAU ISLANDS:

Myrothecium verrucaria

PANAMA:

Camillea sugraena
Cercospora musae
Macrophoma musae
Stachylidium theobromae

PERU:

Alternaria dianthi
Ascochyta pisi

PHILIPPINES:

Diplodia theobromae
Helminthosporium nodulosum
Laetia minima
Macrophoma musae
Memmoniella echinata
Phoma citricarpa
Phyllosticta nigro-maculans
Puccinia cyperi

POLAND:

Aphelenchus avenae
Heterodera rostochiensis

PORTUGAL:

Physalospora obtusa

PUERTO RICO:

Cercospora lythracearum
Colletotrichum cajani
Diplodia theobromae
Elsinoe phaseoli
Isariopsis griseola
Puccinia urbaniana

SAUDI ARABIA:

Macrophoma oleae

SCOTLAND:

Coryneum microstictum
Heterodera rostochiensis
Heterosporium variabile

SIAM:

Meliola tenella
Pythium splendens

SPAIN:

Leptothyrium pomi
Septoria citri
Tylenchus allii

STRAITS SETTLEMENTS:

Nigrospora sphaerica
Phoma citricarpa

SWEDEN:

Diaporthe eres
Heterodera rostochiensis
Lophodermium pinastri

SWITZERLAND:

Chrysomya rhododendri
Septoria examians

TAHITI:

Memmoniella echinata

TASMANIA:

Phoma citricarpa

TURKEY:

Aphelenchus avenae
Botrytis galanthina

UNION OF SOUTH AFRICA:

Heterosporium ornithogali
Phoma citricarpa
Puccinia ornithogali-thyrsoideae

UNKNOWN:

Sphaceloma fauvecitii
Xanthomonas citri

VENEZUELA:

Pestalotia palmarum

WALES:

Heterodera rostochiensis

YUGOSLAVIA:

Cercospora capparis
Ustilago avenae

UNITED STATES DEPARTMENT OF AGRICULTURE

AGRICULTURAL RESEARCH ADMINISTRATION

BUREAU OF ENTOMOLOGY AND PLANT QUARANTINE

SERVICE AND REGULATORY ANNOUNCEMENTS

LIST OF INTERCEPTED PLANT PESTS, 1951

(List of Pests Recorded During the Period July 1, 1950 to June 30, 1951, Inclusive, as Intercepted in, on, or with Plants and Plant Products Entering United States Territory.)

Compiled by
JUDITH HUNT
Plant Quarantine Aid

INTRODUCTION

This report, covering the thirty-eighth year for which interception lists have been issued, summarizes the records of insect pests, plant pathogens, and certain other organisms found in, on, or with plants and plant products (1) imported, (2) offered for but refused entry, (3) held as ships' stores, etc. and hence not offered for entry through customs, (4) offered for entry for immediate transportation and exportation in bond, and (5) in domestic shipments between Hawaii and Puerto Rico and the mainland.

Because of the large number of collections involved, an effort has been made to restrict this list to those insects and plant diseases of known or potential plant quarantine importance. Intercepted plant pests that are known to be widely distributed throughout the United States are not included in the tabulation.

In some cases collections made late in the year are included in the report for the following year, since determinations cannot be obtained immediately for all of them. Occasionally determinations are delayed for longer periods. The data for this list are obtained from routine reports by personnel of this Bureau, supplemented by information supplied by State and Customs officials. The States of California and Florida maintain staffs of specialists who identify a large proportion of the material collected at their ports. Specialists of the Bureau of Plant Industry, Soils, and Agricultural Engineering determine many of the difficult or unusual pathogens collected at the ports.

All scientific names are reviewed by appropriate specialists in the Department to assure conformance to the international rules of nomenclature.

While every reasonable effort is made to give the correct origin for all collections listed, the alleged origin of host plant materials cannot be verified in all cases, and where there is reason to doubt the accuracy of the information, the questionable items are either omitted or the origin is listed as unknown.

During the year of this report importers have continued a lively interest in obtaining various seeds, plants, bulbs, fruits, and plant products from many parts of the world. With such importations, which more and more frequently arrive by air, come an increasing number of living plant pathogens and insect pests. Fruit flies and the golden nematode continue to be among the primary pests for which inspectors are constantly alerted.

INTERCEPTIONS FROM AIR-BORNE MATERIAL

Plant pests have been intercepted frequently on air-borne plant material in baggage, express, freight, mail, and stores. During the year 3,269 interceptions were made of insects on imported plant parts or as stowaways, and 534 interceptions of plant diseases. A little more than one-third of the pathogens were not determinable as to species, but, from the evidence, appeared to exhibit little or no risk to the country. A few of the specifically identified parasites are unknown in the United

States but are known to cause important crop losses in the countries where they occur. Some of the more injurious insects intercepted during the year arrived in, on, or with fruits and plant material coming in by plane.

Among the more important insects found in air-borne material were: *Adoxophyes orana* on cut flowers of lilac in cargo from the Netherlands (although this species is a rather general feeder this is the first record on lilac for the National Museum collection); the citrus blackfly (*Aleurocanthus woglumi*) on an orange leaf in baggage from Mexico; the woolly whitefly (*Aleurothrixus floccosus*) on *Citrus* sp. leaf in baggage from the Bahamas and on *lignumvitae* in baggage from Jamaica; the Mexican fruit fly (*Anastrepha ludens*) in guava in baggage from Nicaragua, in mango in baggage from Mexico, in orange in baggage and stores from Mexico; the West Indian fruit fly (*A. mombinpraeoptans*) in mango in baggage from Cuba, Dominican Republic, Haiti, Jamaica, Mexico, Panama, Puerto Rico, and Salvador, in mango in cargo from Panama and Salvador, in mango in mail from Puerto Rico, in mango in quarters from Mexico, in *Spondias* sp. in baggage from Salvador, and in yellow mombin in baggage from Guatemala, Mexico, Nicaragua, Panama, and Salvador, in yellow mombin in stores from Guatemala; *A. serpentina* in sapodilla in baggage from Nicaragua, in sapote in baggage from Mexico, in star-apple in baggage from Panama and in star-apple in express from Salvador; *A. striata* in guava in baggage from Salvador and Trinidad; *A. suspensa* in guava in baggage from the Dominican Republic, Jamaica, and Puerto Rico, in guava in mail from Puerto Rico; *Brachyrhinus rugosostriatus* in soil on roots of *Saxifraga* sp. in cargo from Switzerland; *Bruchus luteicornis* in vetch seed in baggage from Germany; the Mediterranean fruit fly (*Ceratitis capitata*) in *Annona* sp. in baggage from Portugal, in apple in baggage from the Azores and Portugal, in apricot in baggage from Lebanon, in apricot in stores from Portugal, in avocado in baggage from Portugal, in fig in quarters from Italy, in fig in baggage from Greece, Italy, and Lebanon, in lemon in baggage from the Azores, in Mandarin orange in cargo from Spain, in Mandarin orange in stores from the Azores and Spain, in nectarine in baggage from Italy, in *Opuntia* sp. in baggage from Italy, in orange in baggage from the Azores, Cyprus, Greece, Israel, Portugal, and Spain, in orange in cargo from Italy, in orange in stores from the Azores, Israel, Lebanon, and Spain, in peach in baggage from France, Italy, and Spain, in peach in stores from the Azores, Italy, and Portugal, in pear in baggage from Italy, in pear in stores from Portugal, in pomegranate in baggage from Greece, in prickly pear in baggage from Italy, in quince in baggage from Italy; *C. capitata* (?) in plum in baggage from Italy; the mango weevil (*Cryptorhynchus mangiferae*) in mango in baggage from India; the olive fruit fly (*D. oleae*) in olive in baggage from Italy, Lebanon, and Syria; the citrus whitefly (*Dialeurodes citri*) on gardenia leaf in baggage from Mexico; *Ereunetis flavistriata* in coconut in baggage from Hawaii; the Oriental fruit moth (*Grapholitha molesta*) in peach and pear in baggage from Japan; a bean pod borer, *Maruca testualis*, in pigeonpea in baggage and mail from Puerto Rico, in string bean in mail from Puerto Rico; in string bean in baggage in preflight inspection of an airplane leaving Puerto Rico for the mainland; the pink bollworm (*Pectinophora gossypiella*) in cotton bolls in baggage from the Bahamas and Italy, in cottonseed in baggage from Puerto Rico, in cottonseed in cargo from Brazil, in okra in baggage from Puerto Rico and Trinidad; the leaf roller (*Polychrosis botrana*) in grapes in baggage from Greece and Italy; the European corn borer (*Pyrausta nubilalis*) in pepper in baggage from Italy; *Rhagoletis cerasi* in cherry in baggage from Austria, England, France, Germany, Italy, Portugal, and Spain, in cherry in quarters from France, in cherry in stores from France, Portugal, and Sweden.

Some important plant pathogens found on air-borne material and believed to be new to or not as yet established in the United States were: *Catacauma sabal* on palm leaf in baggage from Mexico; *Cercospora insulana* on *Limonium* sp. in cargo from Mexico; *Chrysomya rhododendri* on rhododendron in cargo from England and Switzerland; *Colletotrichum cajani* on pigeonpea in baggage from Puerto Rico; *Elsinoe australis* on lemon and sweet orange in baggage from Brazil, on sweet orange in stores from Argentina, and on sweet orange in baggage from an unknown origin; *E. phaseoli* on lima bean in baggage from Puerto Rico; *Gymnosporangium juniperi* and *G. juniperinum* on European mountain ash in baggage from Sweden; "Leprosis" on orange in baggage from Bolivia; *Mycosphaerella advena* on *Chamaedorea* sp. (palm) in cargo from Mexico; *M. palmarum* on palm in cargo from Mexico; *Phlyctaena ramuncularum* on tree peony in cargo from Japan; *Phoma hortensiae* on hydrangea in baggage from the Azores; *Phyllosticta passiflorae* on passion fruit in baggage from Australia; *Puccinia buxi* on box in baggage from Yugoslavia; *P. urbaniana* on

Stachytarpheta spp. in baggage from Puerto Rico; *Septoria posekensis* on *Odontoglossum citrosimum* (orchid) in cargo from Mexico and on *Cypripedium callosum* (orchid) in cargo from Siam; *Stachylidium theobromae* on banana in stores from Portugal; *Uredo jucunda* on philodendron in cargo from Costa Rica; virus (undetermined) on *Crossandra* sp. in mail from the Canal Zone; *Xanthomonas citri* on sour lime in stores from India; *Xanthomonas* sp. (Cancrosis "B") on lemon in stores from Argentina.

Intercepted plant disease organisms found on air-borne material that are generally of limited distribution in the United States were: *Coniothyrium hellebori* on Christmas-rose in cargo from the Netherlands and Switzerland; *Entyloma dahliae* on dahlia in baggage from Denmark; *Phakopsora desmum* on cotton in baggage from Puerto Rico; two species of nematodes, *Heterodera punctata* in soil with various plants intended for propagation from England, Germany, Sweden, and Switzerland, and the golden nematode (*H. rostochiensis*) in soil with strawberry, gooseberry, carnation, lavender, chrysanthemum plants from England, in soil with raspberry and currant plants from Sweden, in soil with rhododendron, heather, and shamrock plants from Scotland, in soil with gloxinia plants from Norway and Luxembourg, in soil with kale and shamrock plants from Ireland, in soil with narcissus bulbs and dahlia roots from Ireland, in soil with *Myrtus* sp. plant from Germany, in soil with clematis plants from Switzerland, and in soil with strawberry plants from Denmark. All of this material was intended for propagation.

NOTES ON INSECTS INTERCEPTED

FRUIT FLIES

The following fruit flies were intercepted: *Anastrepha fraterculus* in orange in quarters from Argentina and in peach in baggage from Mexico; the Mexican fruit fly (*A. ludens*) in avocado in baggage from Mexico, in grapefruit in stores from Guatemala, in grapefruit in baggage from Mexico, in guava in baggage from Nicaragua, in mango in baggage, quarters, and stores from Mexico, in orange in baggage from Guatemala, Mexico, and Salvador, in orange in stores from Costa Rica and Mexico, in orange in quarters from Mexico, in peach in baggage from Mexico, in pear in baggage from Mexico, in pomegranate in baggage from Mexico, in quince in baggage from Mexico, in sapote in baggage from Mexico, and in sweet lime in baggage from Mexico; the West Indian fruit fly (*A. mombinpraeoptans*) in mango in baggage from Cuba, Dominican Republic, Haiti, Jamaica, Mexico, Panama, Puerto Rico, and Salvador, in mango in cargo from Panama and Salvador, in mango in mail from Puerto Rico, in mango in quarters from Guatemala, Honduras, Mexico, and Trinidad, in mango in stores from the Canal Zone, Cuba, Dominican Republic, and Haiti, in *Spondias* sp. in baggage from Salvador and in *Spondias* sp. in mail from Puerto Rico, in yellow mombin in baggage from Guatemala, Nicaragua, Panama, and Salvador, in yellow mombin in baggage and stores from Guatemala; *A. mombinpraeoptans* (?) in guava in quarters from Honduras; *A. serpentina* in mamey and sapote in baggage from Mexico, in sapodilla in baggage from Nicaragua, and in sapodilla in quarters from Guatemala, in star-apple in baggage from Panama and in star-apple in express from Salvador; *A. serpentina* (?) in orange in stores from Peru; *A. striata* in guava in baggage from Salvador and Trinidad; *A. suspensa* in guava in baggage from the Dominican Republic, Jamaica, and Puerto Rico, in guava in mail from Puerto Rico; the Mediterranean fruit fly (*Ceratitis capitata*) in *Annona* sp. in baggage from Portugal, in apple in baggage from the Azores, Italy, and Portugal, in apricot in baggage from Greece and Lebanon and in apricot in stores from Portugal, in avocado in baggage from Portugal, in coffee berry in baggage from Hawaii, in fig in baggage from Greece, Italy, and Lebanon, in fig in quarters from Italy, in grapefruit in stores from Cyprus, Egypt, Gibraltar (?), Israel, Palestine, and Spain, in guava in baggage from Israel, in lemon in baggage from the Azores and Italy, in Mandarin orange in baggage from Israel and Italy, in Mandarin orange in cargo from Spain, in Mandarin orange in stores from Algeria, the Azores, Portugal, and Spain, in nectarine in baggage from Italy, in orange in baggage from the Azores, Cyprus, Greece, Israel, Italy, Malta, Palestine, Portugal, and Spain, in orange in cargo from Italy, in orange in stores from Africa, Algeria, the Azores, Israel, Italy, Lebanon, Portugal, and Spain, in peach in baggage from France, Italy, and Spain, in peach in stores from the Azores, Italy, Palestine, and Portugal, in pears in baggage from Italy and Syria, in pear in quarters from Italy, in pear in stores from Portugal, in persimmon in baggage from Italy, in pomegranate

in baggage from Greece and Italy, in prickly pear in baggage from Italy, and in quince in baggage from Italy, with grapes, oranges, and plums from Italy (abandoned on pier); *C. capitata* (?) in plum in baggage from Italy; the melon fly (*Dacus cucurbitae*) in cucumber in cargo and stores from Hawaii, in tomato in stores from Hawaii; the Oriental fruit fly (*D. dorsalis*) in avocado in baggage from Hawaii, in banana in baggage and quarters from Hawaii, a dead adult in a case of cucumbers in cargo from Hawaii, in mango in baggage from Hawaii, in tomato in stores from Hawaii; in *Ochrosia elliptica* in baggage from Hawaii; the olive fruit fly (*D. oleae*) in olive in baggage from Italy, Lebanon, and Syria, in olive in mail from Italy, in olive in quarters from Crete, in olive in stores from Greece; *D. oleae* (?) in olive in stores from Algeria; *Rhagoletis cerasi* in cherry in baggage from Austria, England, France, Germany, Italy, Portugal, and Spain; in cherry in quarters from France, in cherry in stores from France, Italy, Portugal, and Sweden; the walnut husk fly (*R. completa*) in walnut in baggage from Mexico; *R. juglans* in black walnut in baggage from Mexico; *R. pomonella* in apple in baggage from Mexico, in apple in stores from Canada and the Union of South Africa.

INSECTS OTHER THAN FRUIT FLIES

The following miscellaneous insects of special interest were intercepted: A bruchid, *Acanthoscelides griseolus*, in *Rhynchosia* sp. seed in mail from Mexico; an eriophyid mite, *Aceria tulipae*, on garlic in cargo from Mexico and on garlic in stores from Chile; *Adoxophyes orana* (Tortricidae) on cut flowers of lilac in cargo by air from the Netherlands; the citrus blackfly (*Aleurocanthus woglumi*) on leaves of *Citrus* sp. in baggage and in mail from Mexico, on hibiscus leaf in baggage from Mexico, on Mandarin orange leaf in baggage from Mexico, on orange leaves in baggage and in baggage by air from Mexico, on orange leaf in stores from Peru, and on sour lime leaf in cargo from Mexico; *Apsychomyrmex tristani* (Formicidae), a very rare species in most collections, on cane of *Philodendron* sp. in cargo from Costa Rica; a curculionid, *Brachyrhinus rugosostriatus*, in soil and moss packing for *Quercus* sp. in cargo and in soil on roots of *Saxifraga* sp., in cargo from Switzerland; a coccid, *Chrysomphalus ritchiei*, on *Calocarpum sapota* in stores from the Canal Zone; *Coccotrypes dactyliperda* (Scolytidae) in cliff date palm seed in mail from India and in unidentified seed in baggage from Hawaii; the banana root borer (*Cosmopolites sordidus*) in banana in cargo from Nicaragua; a curculionid, *Cylas femoralis*, in sweetpotato in baggage from Liberia; *Epicaerus cognatus* in potato in baggage and stores from Mexico; *Epinotia tessulatana* (Olethreutidae) in Portuguese cypress in baggage from Portugal; an olethreutid, *Gymnandrosoma aurantianum*, in an orange in stores from Brazil; *Laspeyresia juliana* (Olethreutidae) in chestnut in baggage from Italy; a scolytid, *Leperisinus fragini*, in *Ulmus* sp. (?) crate in cargo from England; *Lepidosaphes kuwacola* (Coccidae) on tree peony in air express from Japan; *Liliocercis lili* (Chrysomelidae) in Madonna lily bulb and lily bulb in cargo from France; *Myrmica laevinodis* (Formicidae), an important economic species, on shasta daisy in air express from England; *Naupactus xanthographus* (Curculionidae) in packing around melons in cargo from Chile; the pink bollworm (*Pectinophora gossypiella*) in cotton bolls in baggage from the Bahamas, British West Africa, Hawaii, Italy, and Mexico, in cotton boll in cargo from Mexico, in cottonseed in baggage from Mexico, in cottonseed in baggage by air from Puerto Rico, in cottonseed in cargo from Brazil, Egypt, and India, and in cargo by air from Brazil, in cottonseed in mail from Brazil, Egypt, and Korea, in cottonseed in quarters from Mexico, in seed cotton in baggage, cargo, and quarters from Mexico, in seed cotton in mail from an unknown origin, in okra in baggage by air from Puerto Rico and Trinidad, in okra in mail from Egypt, and in okra in stores from Brazil and Egypt; an olethreutid, *Polychrosis botrana*, in grape in baggage by air from Greece and Italy; *Puto ulter* (Coccidae) on *Brassia verrucosa*, *Epidendrum atropurpureum*, *Oncidium splendendum*, and *Oncidium* sp., all orchids, in cargo by air from Guatemala; *Reticulitermes speratus* (Rhinotermitidae) on tree peony in cargo from Japan; *Sesamia cretica* (Phalaenidae) in broomcorn and corn in baggage from Italy and in broomcorn in cargo from Greece and Italy; the coffee berry borer (*Stephanoderes hampei*) in coffee beans in stores from Brazil; the bulb scale mite (*Tarsonemus laticeps*) in narcissus bulbs in cargo from the Netherlands.

SNAILS

During the year eleven shiploads of returned military equipment were found to be contaminated with the giant African snail (*Achatina fulica*). San Pedro, Calif., again made the largest number of interceptions of snails (6) on ships arriving from

Guam, the Philippines, and Saipan while San Francisco, Calif., made 4 interceptions and Portland, Oreg., made one, all on ships coming from Guam.

Another injurious snail, *Deroceras reticulatum*, distributed in some of our States, was intercepted at New York, N. Y., with celery in stores from Bermuda, with cut flowers of chrysanthemums in baggage from England, and with unidentified plant material in baggage from Italy, at Galveston, Tex., with cabbage in stores from Italy, and at Miami, Fla., with *Cattleya* sp., an orchid, in cargo by air from Venezuela. *Lamellaxis* sp., a third injurious species, not known to occur on the mainland of the United States, was taken at Honolulu, Hawaii with *Renanthera storiei*, an orchid, in cargo from the Philippines.

NOTES ON DISEASES INTERCEPTED

Japan has contributed the greatest number of interceptions (25) of citrus canker (*Xanthomonas citri*), 17 of which were on lemons, the remaining on sweet oranges and one each on pummelo and grapefruit. China supplied nearly as many interceptions (20) on the same above hosts except lemon and one on Mandarin orange. India dropped to third place this year, contributing fewer interceptions (15) than previous years, most of them on sour lime with one each on lemon and calamodin orange. Cancrosis "B" (*Xanthomonas* sp.), closely related to citrus canker, was intercepted six times on lemons from Argentina. Brazil contributed more interceptions (84) of sweet orange fruit scab (*Elsinoe australis*) on orange, lemon, and sour lime than Argentina (16) on the same hosts except sour lime. "Leprosis", a comparatively new disease to the citrus industry possibly caused by a virus or insect injury, has been intercepted once from Bolivia and once from Brazil. Quantities of plants for propagation purposes were intercepted at the ports of entry. *Chrysomyxa rhododendri*, a rust attacking both spruces and rhododendrons, was brought to this country with cut rhododendron flowers four times from Austria, three times from Switzerland, and once from an unknown source. It also came on one occasion from England on the same host, intended for propagation. Japan contributed 4 interceptions of Chinese juniper infected by a leaf rust, *Gymnosporangium harae-anum*. Flowering quince is the alternate host of this rust species. A stem disease, *Coniothyrium cytisallum*, of *Laburnum* sp. and a leaf disease, *C. hellebori*, on Christmas-rose came from the Netherlands. Two rust diseases, *Gymnosporangium juniperi* and *G. juniperinum*, were intercepted on European mountain ash from Norway and Sweden. The alternate host as the species name implies in both cases is juniper. A destructive leaf disease, *Septoria azaleae*, of rhododendron and azalea was brought from Belgium and the Netherlands.

Other pathogens of importance were *Botrytis gladiolorum* on gladiolus and *Tritonia* sp. in cargo from the Netherlands, on gladiolus in mail from Austria, on gladiolus in cargo from Japan, and on gladiolus in baggage from Mexico and the Netherlands; *Cercospora handelli* on rhododendron in cargo from the Netherlands; *C. kaki* on persimmon in stores from Japan; a parasitic lichen, *Mycena citricolor* (formerly *Omphalia flavida*), on gardenia in baggage from Guatemala and on gardenia in cargo from Mexico.

Nematodes have been important plant pests. The golden nematode, (*Heterodera rostochiensis*), causing serious concern for the third year, generally found in soil with various plant material for propagation, was intercepted 80 times from the British Isles, Europe, and the Scandinavian countries. This nematode was also found 57 times in soil on bagging from Belgium, England, the Netherlands, and Scotland, 21 times in soil with potatoes from Denmark, England, Germany, Ireland, Norway, Scotland, and Spain, 9 times in soil with heather and potatoes from Scotland. Other nematodes of importance were *Anguina tritici* in wheat in mail from Syria and Turkey; *Aphelenchoides parietinus* in *Convallaria* sp. in cargo from Denmark; *Aphelenchus avenae* in onion, potato, and soil with cactus plants, all in baggage from Mexico, and in gladiolus in mail from the Netherlands; *Ditylenchus dipsaci* in onion in baggage from Mexico and in *Tigridia* sp. in cargo from the Netherlands; *D. iridis* in iris in cargo from the Netherlands; *Heterodera avenae* in soil with rutabagas in stores from England and in soil with pine in baggage from the Isle of Man; *H. cacti* in soil with cactus in baggage from France and Israel and in soil with *Epiphyllum* sp. and *Mammillaria* sp. in mail from Mexico; *H. punctata* in soil with various host materials from the British Isles, the Scandinavian Countries, and Europe; *H. schachtii* in soil with beets in stores and in soil with grapes and fig plants in baggage from Italy; *Meloidogyne arenaria* in begonia tubers in cargo from Belgium and in roots of clematis in cargo from the Netherlands.

INCOMPLETELY DETERMINED PESTS

In many instances complete determinations of insects and plant pathogens, including nematodes, have been impossible due to their condition on arrival. Some of these potential pests may be hitherto unknown and may be of economic importance. Furthermore, the increasing importance of nematodes in agriculture is paralleled by an increasing number of interceptions by every method of transportation.

INSECTS

Among the incompletely determined insects were the following fruit flies: *Anastrepha* sp., probably *ludens*, at Brownsville, Tex., in an empty boxcar which had carried mangoes from Mexico, at El Paso, Tex., in mango in baggage from Mexico, at Galveston, Tex., in orange in stores from British Honduras; *Anastrepha* sp., probably *mombinpraeoptans*, at New Orleans, La., in guava in quarters from Honduras; *Anastrepha* sp. at Miami, Fla., in custard-apple in baggage by air from Peru, at San Juan, Puerto Rico, in date in baggage in preflight inspection for shipment to the mainland, at Brownsville, Tex., in mamey in baggage from Mexico, at Mobile, Ala., in grapefruit in stores from Peru, at Jacksonville, Fla., in grapefruit in stores from Argentina, at Laredo, Tex., in guava in baggage from Mexico, at New Orleans, La., in guava in baggage by air from Salvador, at New York, N. Y., in guava in baggage by air from Colombia, at Baltimore, Md., in mango in stores from Panama, at Brownsville, Tex., in mango in baggage from Mexico, at Hidalgo, Tex., in mango in baggage from Mexico, at Miami, Fla., in mango in baggage by air from Jamaica, at Laredo, Tex., in mango in baggage from Mexico, at New Orleans, La., in mango in baggage by air from Jamaica and in mango in quarters from Cuba and Guatemala, at New York, N. Y., in mango in baggage from Ecuador, at San Antonio, Tex., in mango in baggage by air from Salvador, at West Palm Beach, Fla., in mango in baggage by air from Jamaica, at Brownsville, Tex., in orange in baggage from Mexico, at Houston, Tex., in orange in baggage by air from Guatemala, at Miami, Fla., in orange in baggage by air and stores from Colombia, at New Orleans, La., in orange in stores from Brazil and Peru, at New York, N. Y. in orange in baggage by air from Colombia, at Philadelphia, Pa., in orange in stores from Brazil, at Port Arthur, Tex., in orange in quarters from Brazil, at Brownsville, Tex., in *Passiflora* sp., in stores from Mexico, at Laredo, Tex., in peach in baggage from Mexico, at Thayer, Tex., in peach in baggage from Mexico, at New York, N. Y., in persimmon in baggage by air from Brazil, at Brownsville, Tex., in plum in stores from Mexico, at New Orleans, La., in sapodilla in baggage by air from Salvador, at San Antonio, Tex., in sapodilla in baggage by air from Colombia and Mexico, at Tampa, Fla., in soursop in baggage by air from Peru, at San Pedro, Calif., in yellow mombin in baggage by air from Salvador, at Nogales, Ariz., in a railway car which had been used for hauling mangoes from Mexico; *Dacus* sp. at Norfolk, Va., in cucumber in stores from the Gold Coast, at Baltimore, Md., in squash in stores from the Union of South Africa, at Gulfport, Miss., in tomato in stores from Hawaii; *Rhagoletis* sp. at Laredo, Tex., in apple and apricot in baggage from Mexico, at New York, N. Y., in apple in stores by air from unknown origin (airplane stopped at London, England, and Gander, Canada). Forty-five interceptions which could not be identified beyond family (Tephritidae) were taken at Boston, Mass., in apple in baggage by air from the Azores and Portugal, in apple in stores by air from Australia, in apricot in stores by air from Portugal, at Hidalgo, Tex., in avocado in baggage from Mexico, at San Francisco, Calif., in avocado in baggage from Hawaii, at New York, N. Y., in azarole hawthorn in baggage from Italy, at San Francisco, Calif., in coffee berry in baggage from Hawaii, in cucumber in cargo from Hawaii, at New York, N. Y., in *Cyphomandra* sp. in mail from Mexico, with assorted fruits in baggage from Italy, at New Orleans, La., in grape in cargo from Argentina, at New York, N. Y., in grape in baggage from Italy and in grapes in stores by air from an unknown origin, at Boston, Mass., in grapefruit in stores from Egypt and the Gold Coast, at Houston, Tex., in grapefruit in quarters from Argentina, at Honolulu, Hawaii, in fruit of *Leucosomia burnettiana* in baggage from the Fiji Islands, at Houston, Tex., in mango in baggage by air from Peru, at Laredo, Tex., in mango in baggage from Mexico, at San Francisco, Calif., in mango in baggage from Hawaii, at Baltimore, Md., in orange in stores from Brazil, at Boston, Mass., in orange in stores from Algeria, Portugal (by air), and Spain, at Galveston, Tex., in orange in stores from Brazil, at Laredo, Tex., in orange in baggage from Mexico, at New York, N. Y., in orange in baggage from Trinidad and in orange in stores by air from the Union of South Africa, at Philadelphia, Pa., in orange in quarters from Egypt, at San Diego, Calif., in papaya in stores from Hawaii, at Boston, Mass., in peach in

stores by air from the Union of South Africa, at New York, N. Y., in pear in baggage by air from Greece, at Galveston, Tex., in pepper in stores from the Gold Coast, at Philadelphia, Pa., in chili pepper in stores from Sierra Leone, at San Francisco, Calif., in bell pepper in cargo from Hawaii, at New York, N. Y., in sorbe apple in baggage from Italy, at Calexico, Calif., in a refrigerator car which had been used to transport bananas from Mexico.

The following miscellaneous insects of special interest were intercepted: An aleyrodid, *Aleurocerus* sp., at San Antonio, Tex., on *Chamaedorea oblongata* in cargo by air from Mexico; *Anaphothrips* sp., near or equals *secticornis* (Tryb.) (Thripidae), at Honolulu, Hawaii, on iris plant, in cargo by air from New Zealand; a coccid, *Annulaspis* sp., at Nogales, Ariz., on bamboo in cargo from Mexico; a scarabaeid, *Anomala* sp. at Seattle, Wash., in soil around dwarf juniper in baggage from Japan; *Anthonomus* sp., near *rectirostris* (L.), (Curculionidae) at Seattle, Wash., in *Prunus* sp. seed in cargo from Japan; *Apion* sp., near *cerdo* Gerst., (Curculionidae) at New York, N. Y., in vetch seed in cargo from Portugal and in vetch seed in mail from Italy; a phalaenid, *Autographa* sp., might be *gamma* (L.), at Mobile, Ala., on cauliflower in stores from England; *Autoserica* sp. (Scarabaeidae) at San Diego, Calif., in soil around dwarf conifers in baggage from Japan; *Brachyrhinus* sp. (Curculionidae) at Seattle, Wash., with astilbe roots in cargo and at Hoboken, N. J., with begonia tubers in mail from the Netherlands, at New York, N. Y., in soil with carnation plants in baggage from Germany, and at New York, N. Y., in soil with oxalis plants in baggage from France; a bruchid, *Bruchus* sp., *ervi* Froel. or very near, at New York, N. Y., in dry lentils in baggage from Italy and in cargo by air from Lebanon; *Bruchus* sp., probably *tristis* Boh., at New York, N. Y., in *Lathyrus* sp. seed in baggage from Italy; *Carposina* sp. (Carposinidae) at San Francisco, Calif., in *Robos magnolia* seed in air freight from Japan; a bruchid, *Caryedon* sp., at Washington, D. C., in seed pod of *Terminalia sericea* in mail from Pretoria; an anthribid, Cimberinae (genus unknown), at Nogales, Ariz., in the blossoms of pine from Mexico. (Insofar as known all the species live, as larvae, in the staminate cones of various pines.) *Cladius* sp., probably *diffimoris* (Panz.), (Tenthredinidae) was intercepted at New York, N. Y., with roses in baggage by air from Czechoslovakia, Germany, Italy, and Scotland; a curculionid, *Cleonus* sp. at Baltimore, Md., and at New York, N. Y., in beets in stores from Egypt; a tortricid, *Cnephasia* sp., near or equals *virgaureana* (Treit.), at New York, N. Y., in soil with viburnum cuttings, primroses, and *Sedum* sp. plants, and narcissus bulbs in baggage from England; *Ctenicera* sp. (Elateridae) at Seattle, Wash., with lily bulbs in mail from Canada, at Norfolk, Va., in soil with potatoes in stores from Denmark, and at Hoboken, N. J., in forest litter packing for violet plants in mail from Germany; an undescribed species of *Diaspis* sp. (Coccidae) at Hidalgo, Tex., on avocado in baggage from Mexico; *Diphaulaca* sp., presumably *panamae* Barber, (Chrysomelidae) at New Orleans, La., on deck of airplane from Guatemala; *Euwra* sp. (Tenthredinidae) at Boston, Mass., in willow withe in cargo by air from France; *Gelechia* sp. (probably new) (Gelechiidae) at Nogales, Ariz., on a leaf of *Jatropha cinerea* in cargo from Mexico; *Gnorimoschema* sp., near or equals *ocellatella* (Boyd), (Gelechiidae) at Philadelphia, Pa., in beets in stores from Egypt; *Gnorimoschema* sp. at New York, N. Y., in Swiss chard in stores from Gibraltar (?); an olethreutid *Gymnandrosoma* sp. at New Orleans, La., in an orange in quarters from Mexico; a psyllid, *Heteropsylla* sp., either undescribed or belonging to a species whose males are unknown, at Nogales, Ariz., with a pod of *Cryptostegia* sp. in baggage from Mexico; *Hypera* sp., near *murinus* (F.), (Curculionidae) at San Francisco, Calif., with *Ribes* sp. in mail from Germany; *Laphygma* sp., probably *exempta* (Wlk.), (Phalaenidae) at Honolulu, Hawaii, in an airplane from Kwajalein; *Lecanium* sp. (Coccidae) at San Francisco, Calif., on a plum tree in baggage from Japan. (This is a species not previously reported from Japan and one probably undescribed.) *Lepidosaphes* sp. (Coccidae) was intercepted at San Francisco, Calif., on coconut in mail from Nigeria. (There is a possibility that this actually may be *L. vermiculus* Mamet but it does not fit rigidly his description and figure.) A pyraustid, *Leucinodes* sp., probably *orbonalis* Gn., was intercepted at Philadelphia, Pa., in eggplant in stores from the Gold Coast; *Lixus* sp., probably *junci* Boh., (Curculionidae) at Boston, Mass., in beet in stores from Palestine; a mirid, *Mala* sp., probably a new species, at Laredo, Tex., on a leaf of *Colocasia* sp. in baggage from Mexico; *Megacyllene* sp., near *boliviana* (Chev.) (Cerambycidae) at New York, N. Y., on loosely baled cube root in cargo from Peru; *Midilia* sp. (Schoenobiidae), probably a new species, at Miami, Fla., on philodendron cutting in cargo by air from Colombia; *Niveaspis* sp. (Coccidae), an undescribed species, at Laredo, Tex., on *Laelia* sp. and *Oncidium* sp. in cargo from Mexico; *Cedionychis* sp. (Chrysomelidae), very interesting and not in the collection at the

U. S. National Museum, at Nogales, Ariz., with lettuce in baggage from Mexico; a chrysomelid, *Phyllobrotica* sp. at Seattle, Wash., in soil packing of lily bulbs in cargo from Japan: *Pityogenes* sp., probably *chalcographus* (L.), (Scolytidae) at Seattle, Wash., in bark of a wooden crate in cargo from Czechoslovakia; *Platypus* sp., probably *curtus* Chap., (Platypodidae) at Charleston, S. C., in *Khaya* sp. log in cargo from the Philippines; *Prays* sp. (Hyponomeutidae) at New York, N. Y., in pomelo in stores from Egypt; a coccid, *Pseudonidia* sp., a new species, at San Francisco, Calif., on *Dendrobium* sp. in air freight from Australia; *Reticulitermes* sp., probably *lucifugus* (Rossi), (Rhinoitermitidae) at New York, N. Y., in soil around roots of a potted *Jasminum* sp. plant in baggage from Italy; *Taeniothrips* sp., near or equals *gracilis* Mlt., (Thripidae) at Buffalo, N. Y., on *Lycoris* sp. bulbs in cargo from Japan and at Hoboken, N. J., in mail from Japan; *Thrips* sp., nearest *physapus* L., (Thripidae) at Washington, D. C., on a leaf of *Fragaria* sp. in mail from Sweden, a scolytid, *Xyleborus* sp., near or equals *confusus* Eichh., at Charleston, S. C., in *Copaifera hemitomophylla* log in cargo from Costa Rica

There were 2,178 interceptions distributed among 554 genera, which could be identified to genus only. A total of 116 could be determined to family or subfamily only.

A total of 2,294 incompletely determined insects were intercepted during the year.

DISEASES

Incompletely determined fungi on plants collected at the ports of entry during the year were the following suspected pathogens: An actinomycete causing stem galls of azalea at Seattle, Wash., in express from England; *Ascochyta* sp., at Philadelphia, Pa., on orange in stores from the Union of South Africa; *Ascochyta* sp., at Seattle, Wash., on *Viburnum rhytidophyllum* in cargo from France; *Cercospora* sp. at Brownsville, Tex., on palm fronds and snapdragon in cargo from Mexico, on avocado in stores from Mexico, and on mistletoe in baggage from Mexico; *Cercospora* sp. at Laredo, Tex., on orchids in baggage and cargo from Mexico; *Cercospora* sp., at Miami, Fla., on *Cynoches chlorochilon*, an orchid, in cargo by air from the Canal Zone; *Cercospora* sp., at New York, N. Y., on croton leaf in baggage by air from the Bahamas; *Cercospora* sp., at San Francisco, Calif., on *Miltonia russelliana*, an orchid, in cargo by air from Brazil; *Cercospora* sp., at San Juan, P. R., on a citrus leaf and on leaves of *Eryngium* sp. in baggage in preflight inspection of planes leaving San Juan for the mainland; *Cercospora* sp., at Seattle, Wash., on *Primula* sp., in mail from British Columbia; *Ceuthospora* sp., at Hoboken, N. J., on mountain laurel leaves in cargo from the Netherlands; *Curvularia* sp., at San Francisco, Calif., on elephant ear in cargo from China; *Cylindrosporium* sp., at San Francisco, Calif., on dry leaf of *Bambusa* sp. in cargo from China and on tree peony in cargo from Japan; *Endoconidiophora* sp., close to *fimbriata* (Ell. & Hals.) Davidson at San Francisco, Calif., on kudzu-bean in cargo from China; *Erwinia* sp. (undescribed) at New York, N. Y., on endive in cargo from Belgium; *Gymnosporangium* sp., at New York, N. Y., on leaves of *Sorbus aucuparia* in baggage by air from Sweden; *Mycosphaerella* sp. at San Juan, P. R., on citrus leaves in baggage in preflight inspection of an airplane leaving San Juan for the mainland; *Mycosphaerella* sp. at New York, N. Y., on leaves of *Arctostaphylos uva-ursi* (bearberry) in baggage from Finland; *Phytophthora* sp., probably of the *cryptogaea* type, at Hoboken, N. J., on *Incarvillea* sp., in cargo from the Netherlands; *Phytophthora* sp., at Hoboken, N. J., on gloxinia in cargo and air express from Belgium; *Plenodomus* sp., at San Francisco, Calif., on snowdrop bulbs in cargo from the Netherlands; *Pseudomonas* sp. (undescribed) at New York, N. Y., on endive in cargo from Belgium; *Sclerotium* sp., at Buffalo, N. Y., on narcissus bulbs in cargo from the Netherlands; *Sclerotium* sp., at Portland, Oregon, on *Tulipa fosteriana* bulb in cargo from the Netherlands; *Sclerotium* sp., at Seattle, Wash., on taro in cargo from China; *Sclerotium* sp., at Philadelphia, Pa., on *Galanthus* sp. bulbs in cargo from the Netherlands; *Sclerotium* sp., at Hoboken, N. J., on *Iris* sp. in air express from Jordan and on *Urceolina miniata* (scarlet pitcherlily) in mail from the Netherlands; *Sclerotium* sp., at New York, N. Y., on lily bulbs and *Muscari* sp. bulbs in cargo from the Netherlands; *Sclerotium* sp. at San Francisco, Calif., on seeds of Japanese aucuba in mail from Italy, on English iris bulbs in mail from England, on *Euphorbia pulcherrima* in mail from Honduras, and on narcissus bulbs in cargo from the Netherlands; *Septoria* sp., at San Antonio, Tex., on palm leaf in cargo by air from Mexico; *Septoria* sp., at Honolulu, Hawaii, on palm in cargo from Truk; *Sphaceloma* sp., at Baltimore, Md., and Boston, Mass., on lemon in stores from the Union of South Africa; *Sphaceloma* sp., at San Pedro, Calif., on

orange in stores from Curacao; *Uredo* sp., at El Paso, Tex., on *Brassavola* sp., an orchid, in cargo by air from Mexico; *Uredo* sp. at Nogales, Ariz., on an orchid in cargo from Mexico; *Uredo* sp. at Brownsville, Tex., on *Diacrium bilamellatum*, an orchid, in cargo by air from the Canal Zone; *Uredo* sp., at Miami, Fla., on *Masdevallia* sp., an orchid, in cargo by air from Costa Rica; *Verticillium* sp., close to *candidum* Pk., at Hoboken, N. J., on corm of *Acidanthera* sp., in cargo from the Netherlands; *Verticillium* sp., at Philadelphia, Pa., on roots of *Alpinia galanga* in stores from India; *Verticillium* sp., at Houston, Tex., on a begonia tuber in cargo from the Netherlands; *Verticillium* sp., at Seattle, Wash., on *Dendrobium* sp., an orchid, in mail from India and on waterchestnut in cargo from China; *Verticillium* sp., at Philadelphia, Pa., on *Lilium* sp. in cargo from the Netherlands.

Nematode interceptions included *Ditylenchus* spp. with lily-of-the-valley pips and various bulbs, including garlic, glory-of-the-snow, colchicum, and iris; *Heterodera* spp. in soil arriving with plants for propagation, vegetables in ships' stores, used bagging, dried roots for pharmaceutical purposes and even Irish shamrocks; *Helicotylenchus* sp., at New York, N. Y., in soil with lily-of-the-valley pips in cargo from Germany and in soil with unidentified plants in baggage from Ireland; *Meloidogyne* sp., probably *incognita* (Kofoed & White) Chitwood at Galveston, Tex., in celery in stores from Jamaica, and in carrots in stores from the Azores at Philadelphia, Pa., in beets in stores from Australia, and in soil with potatoes in stores from the Netherlands; *Rotylenchus* sp., at New York, N. Y., in soil with potatoes in stores from Uruguay, in soil with lily-of-the-valley pips in cargo from Germany, and in soil with peony roots in baggage from Poland; *Rotylenchus* sp., at Mobile, Ala., in soil with coleus plants in quarters from Guatemala and in soil with *Aster* sp. in baggage from Germany; *Rotylenchus* sp., at San Francisco, Calif., in roots of *Convallaria majalis* in mail from France; *Tylenchorhynchus* sp., at Nogales, Ariz., in soil with cactus plants in baggage from Mexico; *Tylenchorhynchus* sp., at Mobile, Ala., in soil on an unidentified plant and on sweetpotato plants in baggage by air from Puerto Rico; *Tylenchus* sp., at New York, N. Y., in soil with lily-of-the-valley pips in cargo from Germany; *Tylenchus* sp., at Washington, D. C., in soil with roots of lily bulbs in mail from England; *Tylenchus* sp., at Mobile, Ala., in soil with *Aster* sp., in baggage from Germany; *Xiphinema* sp., at New York, N. Y., in soil with citrus plants in baggage from Argentina; one interception which could not be identified beyond family (Tylenchidae) was taken at New York, N. Y., in soil with cactus plants in baggage from Italy.

A total of 1,259 incompletely determined pathogens were recorded during the year.

Graphic summary of interceptions listed in main table and interception totals

Country	Insect	Disease	Country	Insect	Disease
Africa:			Europe—Continued		
Africa (locality unknown).....	1	1	Turkey.....	1	3
Algeria.....	10	0	Wales.....	0	1
British West Africa.....	1	0	Yugoslavia.....	5	2
Canary Islands.....	3	0	North America:		
Egypt.....	11	0	Bermuda.....	20	3
Ethiopia.....	2	0	Canada.....	5	3
French West Africa (?).....	1	0	Canal Zone.....	51	5
Gold Coast.....	10	0	Central America:		
Liberia.....	1	0	British Honduras.....	3	0
Morocco.....	4	0	Colombia.....	14	1
Nigeria.....	2	2	Costa Rica.....	27	23
Union of South Africa.....	32	17	Guatemala.....	30	8
Asia:			Honduras.....	11	4
China.....	8	321	Nicaragua.....	8	0
Cyprus.....	3	1	Panama.....	45	21
Formosa.....	1	0	Salvador.....	17	0
India.....	27	35	Iceland.....	0	1
Indonesia.....	1	1	Mexico.....	716	151
Iraq.....	1	1	West Indies:		
Israel.....	17	2	Antigua.....	2	0
Japan.....	88	184	Aruba.....	2	0
Korea.....	3	0	Bahamas.....	4	4
Lebanon.....	8	0	Barbados.....	8	0
Palestine.....	4	0	British West Indies.....	2	0
Siam.....	4	3	Cuba.....	72	7
Straits Settlements.....	0	3	Curaco.....	2	0
Syria.....	3	1	Dominican Republic.....	13	1
Australasia:			Grand Cayman.....	1	0
American Samoa.....	1	0	Grenada.....*	1	0
Australia.....	20	13	Haiti.....	9	0
Caroline Islands.....	1	0	Jamaica.....	31	0
Ceylon.....	2	2	Montserrat.....	1	0
Fiji Islands.....	1	2	Nevis.....	1	0
Guam.....	11	10	Puerto Rico.....	57	11
Hawaii.....	202	16	St. Kitts.....	3	0
Kwajalein.....	0	2	St. Lucia.....	2	0
Marshall Islands.....	0	11	St. Vincent.....	2	0
New Zealand.....	0	4	Trinidad.....	28	3
Philippines.....	22	8	Virgin Islands.....	6	1
Salpan.....	1	0	South America:		
Tahiti.....	1	1	Argentina.....	1	28
Yap Island.....	0	1	Bolivia.....	0	1
Europe:			Brazil.....	27	90
Austria.....	3	7	Chile.....	7	1
Azores.....	9	3	Ecuador.....	15	1
Belgium.....	8	23	Paraguay.....	0	1
Crete.....	1	0	Peru.....	4	0
Czechoslovakia.....	0	1	South America.....	3	0
Denmark.....	6	8	Uruguay.....	0	2
England.....	45	88	Venezuela.....	32	2
Finland.....	0	1	Total:		
France.....	35	10	Africa.....	78	20
Germany.....	37	24	Asia.....	168	552
Gibraltar (?).....	1	0	Australasia.....	262	70
Great Britain.....	1	0	Europe.....	814	499
Greece.....	16	0	North America.....	1,194	247
Ireland.....	3	23	South America.....	89	126
Isle of Man.....	0	2	Unknown.....	9	3
Italy.....	477	59	Total.....		
Luxembourg.....	0	1		2,614	1,517
Malta.....	1	0	Total incompletely deter-		
Netherlands.....	75	139	mined pests.....		
Norway.....	2	7		2,294	1,259
Poland.....	2	1	Total insect interceptions.....		
Portugal.....	29	3		4,908	
Scotland.....	8	67	Total disease intercep-		
Spain.....	31	5	tions.....		
Sweden.....	10	13			2,776
Switzerland.....	8	8	Grand total.....		
					7,684

NOTE.—In addition to the countries named above, interceptions were made from American Virgin Islands, Anguilla, Belgian Congo, British Guiana, Burma, Canary Islands, Cape of Good Hope, Cape Verde Islands, French Cameroons, Iran, Jordan, Kenya, Labrador, Leeward Islands, Madeira Islands, Martinique, Mozambique, Natal, Netherlands Guiana, Netherlands West Indies, Newfoundland, Northern Ireland, Nova Scotia, Okinawa, Pakistan, Pretoria, Rhodesia, Sierra Leone, Society Islands, Trust Isles of Pacific, Tunisia, and Truk Island.

List of pests (insects) collected and reported from July 1, 1950, to June 30, 1951, inclusive

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Acalypta parvula</i> (Fall.) (Tingidae): Moss packing around rhododendron scions.....	England.....	1			Wash.
<i>Acanthoderes circumflexa</i> Jaq. Dav. (Cerambycidae): <i>Cybtistar donnell-smithii</i> (primavera).....	Honduras.....	1			N. Y.
<i>Acanthoscelides armitagei</i> (Fie) (Bruchidae): <i>Cajanus cajan</i> (pigeonpea).....	British West Indies, Canal Zone, Puerto Rico.	4			N. J., N. Y.
<i>Acanthoscelides griseolus</i> (Fall) (Bruchidae): <i>Rhynchosis</i> sp.....	Mexico.....			1	D. C.
<i>Acanthoscelides obvelatus</i> Bridw. (Bruchidae): <i>Phaseolus vulgaris</i>	Guatemala.....			1	D. C.
<i>Aceria tulipae</i> (Keif.) (Eriophyidae): <i>Allium sativum</i> (garlic).....	Chile, Mexico.....	3	1		Tex.
<i>Achatina fulica</i> Fer. (Mollusca): In cargo hold.....	Guam.....	1			Calif.*
Returned military equipment.....	Guam, Philippines, Salpan.	8			Calif.*
Scrap iron.....	Guam.....	2			Calif.,* Oreg.
<i>Acrolepia assectella</i> (Zell.) (Hyponomeutidae): <i>Allium porrum</i> (leek).....	Italy, Netherlands.....		5		N. Y.
<i>Acroleucus vicinalis</i> Dist. (Lygaeidae): Orchid.....	Mexico.....			1	Tex.
<i>Adorophyes orana</i> (F. R.) (Tortricidae): <i>Siringa</i> sp. (lilac).....	Netherlands.....	20			N. Y.
<i>Agallia venosa</i> (Fall.) (Cicadellidae): <i>Hypericum repens</i> (creeping St. Johnswort).....	Switzerland.....			1	N. J.
<i>Aganactesis indecora</i> Dyar (Galleriidae): <i>Cassia fistula</i> (golden-shower).....	Brazil.....	1			N. Y.
<i>Agriotes lineatus</i> L. (Elateridae): Soil from potato bin.....	Denmark.....		1		Pa.
<i>Aleophagus myersi</i> Essig (Aphidae): <i>Aloe</i> sp.....	Ethiopia.....			1	D. C.
<i>Aleurocanthus woglumi</i> Ashby (Aleyrodidae): <i>Citrus aurantifolia</i> (sour lime).....	Mexico.....	8			Tex.
<i>Citrus reticulata</i> (Mandarin orange).....	do.....	3			Tex.
<i>Citrus sinensis</i> (orange).....	Mexico, Peru.....	2	1		Calif.,* Tex.
<i>Citrus</i> sp.....	Mexico.....	3			Tex.
<i>Hibiscus</i> sp.....	do.....			1	Ariz.
<i>Aleurodicus dugessi</i> Ckll. (Aleyrodidae): <i>Begonia</i> sp.....	do.....			1	Tex.
<i>Aleuroglandulus emmae</i> Russell (Aleyrodidae): <i>Cattleya citrina</i> (orchid).....	do.....			1	Tex.
<i>Psidium guajava</i> (guava).....	do.....	1			Tex.
<i>Aleuroparadoxus gardeniae</i> Russell (Aleyrodidae): <i>Citrus</i> sp.....	do.....	1			Tex.
<i>Aleurolobus marlatti</i> (Q.) (Aleyrodidae): <i>Citrus reticulata</i> (Mandarin orange).....	Japan.....		1		Calif.*
<i>Aleuroplatus coccolus</i> Q. (Aleyrodidae): <i>Citrus</i> sp.....	Mexico.....	1			Tex.
<i>Aleuroplatus plumosus</i> (Q.) (Aleyrodidae): <i>Ilex</i> sp. (holly).....	do.....	1			Tex.
<i>Aleurothrixus floccosus</i> (Mask.) (Aleyrodidae): <i>Citrus sinensis</i> (orange).....	Dominican Republic.....	1			N. Y.
<i>Citrus</i> sp.....	Bahamas.....	1			Fla.*
<i>Guajacum officinale</i> (lignumvitae).....	Jamaica.....			1	P. R.
<i>Psidium guajava</i> (guava).....	Mexico.....	1			Tex.
<i>Aleurotuberculatus jasmini</i> Takah. (Aleyrodidae): <i>Gardenia</i> sp.....	China.....			1	Calif.*
<i>Aleurotuberculatus similis</i> Takah. (Aleyrodidae): <i>Camellia japonica</i> (camellia).....	Japan.....			1	N. J.
<i>Atlantus cinctus</i> (L.) (Tenthredinidae): <i>Malus sylvestris</i> (apple).....	England, Germany, Norway.....	3			Calif.,* N. Y.
<i>Rosa</i> sp. (rose).....	England, Germany.....	1		1	N. Y.
<i>Alpheias conspirata</i> Hein. (Galleriidae): <i>Ananas comosus</i> (pineapple).....	Mexico.....	5			Calif.,* La., Tex.

List of pests (insects) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Amitermes wheeleri</i> (Desn.) (Termitidae):					
<i>Salvia officinalis purpurascens</i> (purple sage)-----	Mexico-----	1			Tex.
<i>Anaphothrips obscurus</i> (Muller) (Thripidae):					
<i>Brassica</i> sp-----	Ireland-----	1			N. Y.
<i>Anastrepha fraterculus</i> (Wied.) (Tephritidae):					
<i>Citrus sinensis</i> (orange)-----	Argentina-----		1		La.
<i>Prunus persica</i> (peach)-----	Mexico-----	1			Tex.
<i>Anastrepha ludens</i> (Loew) (Tephritidae):					
<i>Citrus aurantifolia</i> (sweet lime)-----	do-----	4			Tex.
<i>Citrus paradisi</i> (grapefruit)-----	Guatemala, Mexico-----	3	1		Fla.,* Tex.
<i>Citrus sinensis</i> (orange)-----	Costa Rica, Guatemala, Mexico, Salvador.	68	14		Ariz., La., S. C., Tex.
<i>Cydonia oblonga</i> (quince)-----	Mexico-----	1			Tex.
<i>Mangifera indica</i> (mango)-----	do-----	23	4		Calif.,* Tex.
<i>Persea americana</i> (avocado)-----	do-----	1			Tex.
<i>Prunus persica</i> (peach)-----	do-----	1			Tex.
<i>Psidium guajava</i> (guava)-----	Nicaragua-----	1			Calif.*
<i>Punica granatum</i> (pomegranate)-----	Mexico-----	1			Tex.
<i>Pyrus communis</i> (pear)-----	do-----	7			Tex.
Sapote-----	do-----	1			Tex.
<i>Anastrepha mombinpraepoptans</i> Sein (Tephritidae):					
<i>Mangifera indica</i> (mango)-----	Canal Zone, Cuba, Dominican Republic, Guatemala, Haiti, Honduras, Jamaica, Mexico, Panama, Puerto Rico, Salvador, Trinidad.	82	11	1	Ala., Calif.,* Fla.,* La., N. Y., Pa. P. R., S. C., Tex.
<i>Spondias mombin</i> (yellow mombin)-----	Guatemala, Mexico, Nicaragua, Panama, Salvador.	8	1		Calif.,* La.
<i>Spondias</i> sp-----	Puerto Rico, Salvador-----	2			N. Y., Tex.
<i>Anastrepha mombinpraepoptans</i> Sein (?) (Tephritidae):					
<i>Psidium guajava</i> (guava)-----	Honduras-----		1		La.
<i>Anastrepha serpentina</i> (Wied.) (Tephritidae):					
<i>Achras zapota</i> (sapodilla)-----	Guatemala, Nicaragua-----	3	1		Calif.,* La.
<i>Chrysophyllum cainito</i> (star-apple)-----	Panama, Salvador-----	2			La.
<i>Mammea americana</i> (mamey)-----	Mexico-----	5			Tex.
Sapote-----	do-----	1			Calif.
<i>Anastrepha serpentina</i> (Wied.) (?) (Tephritidae):					
<i>Citrus sinensis</i> (orange)-----	Peru-----		1		La.
<i>Anastrepha striata</i> Schiner (Tephritidae):					
<i>Psidium guajava</i> (guava)-----	Salvador, Trinidad-----	2			La., P. R.
<i>Anastrepha suspensa</i> (Loew) (Tephritidae):					
<i>Psidium guajava</i> (guava)-----	Dominican Republic, Jamaica, Puerto Rico.	25			N. Y., P. R.
<i>Ancylotomia steircorea</i> (Zell.) (Phycitidae):					
<i>Cajanus cajan</i> (pigeonpea)-----	Bahamas, Puerto Rico, Trinidad.	5			Fla.,* Md., N. Y., P. R.
<i>Cajanus</i> sp-----	Canal Zone-----	1			N. J.
<i>Cicer arietinum</i> (chickpea)-----	do-----	1			Fla.*
<i>Anthonomus pomorum</i> (L.) (Curculionidae):					
<i>Malus sylvestris</i> (apple)-----	Germany-----	1			N. Y.
<i>Anthonomus scutellaris</i> Lec. (Curculionidae):					
<i>Prunus</i> sp. (wild plum)-----	Mexico (?)-----	1			Tex.
<i>Anuraphis cynaræ</i> (Theob.) (?) (Aphidae):					
<i>Cynara scolymus</i> (globe artichoke)-----	Algeria-----		1		N. Y.
<i>Aonidiella inornata</i> McKenzie (Coccidae):					
<i>Cocos nucifera</i> (coconut)-----	Philippines-----		2		Calif.*
<i>Jasminum sambac</i> (Arabian jasmine)-----	Hawaii-----		1		Calif.*
<i>Aphis rhamni</i> Fonsc. (?) (Aphidae):					
<i>Ranunculus</i> sp-----	France-----		1		N. Y.
<i>Apion apricans</i> Hbst. (Curculionidae):					
<i>Ribes</i> sp-----	Germany-----			1	Calif.*
<i>Apion auctum</i> Sharp (?) (Curculionidae):					
Orchid-----	Guatemala-----			1	Tex.
<i>Apion carduorum</i> Kby. (Curculionidae):					
<i>Cynara cardunculus</i> (cardoon)-----	Italy-----		1		N. Y.
<i>Cynara scolymus</i> (globe artichoke)-----	France, Italy-----		2		N. Y., Pa.

List of pests (insects) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Apion pomonae</i> F. (?) (Curculionidae):					
<i>Vicia sativa</i> (vetch)	France	1			Tex.
<i>Apsychomyrmex tristani</i> Menozzi (Formicidae):					
<i>Philodendron</i> sp.	Costa Rica			1	Tex.
<i>Arctothreza cataphracta</i> (Olaf.) (Coccidae):					
<i>Calluna vulgaris</i> (heather)	England	1			Ill.
<i>Arge rosae</i> (L.) (Argidae):					
<i>Rosa</i> sp.	Germany	1			N. Y.
<i>Argyroplote leucotreta</i> Meyr. (Olethreutidae):					
<i>Citrus limon</i> (lemon)	Union of South Africa		1		Tex.
<i>Citrus reticulata</i> (Mandarin orange)	do.		1		Md.
<i>Citrus sinensis</i> (orange)	do.		2		Md., Pa.
<i>Aspidiotus abietis</i> (Schr.) (Coccidae):					
<i>Pinus sylvestris</i> (Scotch pine)	Germany			1	N. Y.
<i>Aspidiotus corticis-pini</i> Ldgr. (Coccidae):					
<i>Pinus</i> sp. (pine)	Japan			1	Calif.*
<i>Aspidiotus coryphae</i> Ckll. & Rob. (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Philippines		2		Calif.*
<i>Aspidiotus destructor</i> Sign. (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Canal Zone, Costa Rica, Mexico, Nigeria, Panama, Philippines.	6	1		Calif.*
<i>Garcinia mangostana</i> (mangosteen)	India	1			N. Y.
<i>Musa paradisiaca</i> (plantain)	Cuba	1			N. Y.
<i>Musa paradisiaca sapientum</i> (banana)	Panama	1			Calif.*
Orchid	Canal Zone			1	Fla.
<i>Persea americana</i> (avocado)	Cuba	2			N. Y.
<i>Aspidiotus excisus</i> Green (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Philippines	1			Calif.*
<i>Aspidiotus herculeanus</i> (Ckll. & Hadd.) (Coccidae):					
Palm	Mexico	1			Calif.*
<i>Aspidiotus pseudomeyeri</i> Kuw. (Coccidae):					
<i>Cedrus</i> sp.	Japan			1	Calif.*
<i>Aspidiotus pyri</i> Light. (Coccidae):					
<i>Malus sylvestris</i> (apple)	Germany	1			Fla.
<i>Asterolecanium bambusae</i> (Bdv.) (Coccidae):					
Bamboo	Barbados	1			P. R.
<i>Asterolecanium epidendri</i> (Bouche) (Coccidae):					
<i>Burlingtonia</i> sp. (orchid)	Trinidad			1	N. J.
<i>Cattleya dowiana</i> (orchid)	Costa Rica			1	Calif.*
<i>Cattleya lueddemanniana</i> (orchid)	Venezuela			1	N. J.
<i>Cattleya</i> sp.	British Honduras, Venezuela.			2	N. J., Tex.
<i>Laelia</i> spp. (orchid)	Mexico			1	Calif.*
Leaf—unidentified	do.	1			Calif.*
Orchid	Canal Zone, Costa Rica, Cuba, Jamaica, Panama, Venezuela.			10	Fla., Tex., Wash.
<i>Vanda</i> sp. (orchid)	Cuba			1	Calif.*
<i>Asterolecanium militaris militaris</i> (Bdv.) (Coccidae):					
Bamboo	Barbados, Cuba	2		1	Mass., P. R., Tex.
<i>Asterolecanium stentae</i> Brain (Coccidae):					
<i>Anacampseros</i> sp.	Union of South Africa			1	Calif.*
<i>Asterolecanium truncatum</i> Russell (Coccidae):					
<i>Attalea</i> sp. (palm)	Costa Rica			1	N. J.
<i>Aulacaspis tubercularis</i> Newst. (Coccidae):					
<i>Mangifera indica</i> (mango)	Barbados, Mexico, Venezuela.	4			N. Y., Tex.
<i>Bostrychophiles cornutus</i> (Oliv.) (Bostrichidae):					
<i>Khaya</i> sp.	Union of South Africa	2			La.
<i>Brachycerus albidentatus</i> Gyll. (Curculionidae):					
<i>Allium sativum</i> (garlic)	Italy	17	2		La., Mass., N. Y.
<i>Brachycerus algerius</i> (F.) (Curculionidae):					
<i>Allium sativum</i>	Italy, Spain	12	2		N. Y., Tex.
<i>Brachyrhinus ovatus</i> (L.) (Curculionidae):					
Soil around rose bush	Poland			1	N. Y.

List of pests (insects) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Brachyrhinus porcatus</i> (Hbst.) (Curculionidae):	Switzerland			1	N. J.
Soil and moss packing around <i>Quercus</i> sp.	do				N. J.
<i>Brachyrhinus rugosostriatus</i> (Goeze.) (Curculionidae):	do			1	N. J.
Soil and moss packing around <i>Quercus</i> sp.	do				N. J.
<i>Brachyrhinus singularis</i> (L.) (Curculionidae):	Scotland			1	N. J.
Woods moss packing around <i>Crataegus</i> spp.					
<i>Brachyrhinus sulcatus</i> (F.) (Curculionidae):	Belgium			1	N. J.
<i>Begonia</i> sp.					
<i>Bruchus ervi</i> Froel. (Bruchidae):	Italy	1			N. Y.
<i>Allium sativum</i> (garlic)					
<i>Bruchus luteicornis</i> Ill. (Bruchidae):	France	1			Pa.
<i>Vicia angustifolia</i> (narrow leaf vetch)	France, Germany	2			Tex., Va.
<i>Vicia sativa</i> (vetch)					
<i>Bruchus rufipes</i> Hbst. (Bruchidae):	Iraq			1	D. C.
<i>Lens culinaris</i> (lentil)					
<i>Bruchus signaticornis</i> Gyll. (Bruchidae):	Italy	2			N. Y.
<i>Lens culinaris</i>					
<i>Bruchus tristis</i> Boh. (Bruchidae):	Belgium			1	N. J.
<i>Vicia</i> sp.					
<i>Cacoecia pronubana</i> (Hbn.) (Tortricidae):	England		1		N. Y.
<i>Chrysanthemum</i> sp.	France	1			N. Y.
<i>Dianthus</i> sp. (carnation)	Italy			1	N. Y.
<i>Fragaria</i> sp. (strawberry)	England		2		N. Y.
<i>Laurus nobilis</i> (Grecian laurel)	Italy			1	N. J.
<i>Rosa</i> sp.					
<i>Callidium aeneum</i> Deg. (Cerambycidae):	Denmark, Germany, Sweden.	3			Calif.*
Wood crating					
<i>Callosobruchus ademptus</i> (Sharp) (Bruchidae):	Korea			1	D. C.
<i>Pueraria thunbergiana</i> (kudzu-bean)					
<i>Callosobruchus phaseoli</i> (Gyll.) (Bruchidae):	St. Vincent	1			Mass.
Bean	Philippines			1	Wash.
<i>Dolichos lablab</i> (hyacinth-bean)					
<i>Capitophorus carduinus</i> (Wlk.) (Aphidae):	Canada	1			Minn.
<i>Cirsium</i> sp. (thistle)					
<i>Capitophorus formosanus</i> Takah. (Aphidae):	Japan	1			Wash.
<i>Chrysanthemum</i> sp.					
<i>Carbula trisignata</i> (Germar) (Pentatomidae):	Union of South Africa	2			N. Y.
<i>Vitis</i> sp. (grape)					
<i>Carposina sasakii</i> Mats. (Carposinidae):	China	2			Alaska, Hawaii.
<i>Pyrus communis</i> (pear)					
<i>Caryedon fuscus</i> (Goeze) (Bruchidae):	Hawaii			1	D. C.
<i>Cassia javanica</i> (appleblossom senna)	Jamaica, Philippines	3			Calif.,* Fla.*
<i>Tamarindus indica</i> (tamarind)					
<i>Catolehrus ebeninus</i> Champ. (Curculionidae):	Mexico			1	Tex.
<i>Tillandsia</i> sp.					
<i>Ceratitidis capitata</i> (Wied.) (Tephritidae):	Portugal	1			Mass.
<i>Annona</i> sp.	Azores, Italy	5			Mass., N. Y.
<i>Citrus limon</i> (lemon)	Cyprus, Egypt, Gibraltar (?)		12		Ala., Md., Mass., Mich., N. Y., Pa., S. C., Tex.
<i>Citrus paradisi</i> (grapefruit)	Israel, Palestine, Spain.				Md., Mass., N. Y., P. R.
<i>Citrus reticulata</i> (Mandarin orange)	Algeria, Azores, Israel, Italy, Portugal, Spain.	9	4		Mass., N. Y., Pa., Tex., Va.
<i>Citrus sinensis</i> (orange)	Africa, Algeria, Azores, Cyprus, Greece, Israel, Italy, Lebanon, Malta, Palestine, Portugal, Spain, unknown.	28	26		Mass., N. Y., Pa., Tex., Va.
<i>Coffea</i> sp. (coffee)	Hawaii	1			Calif.*
<i>Cydonia oblonga</i> (quince)	Italy	6			N. Y.
<i>Diospyros</i> sp. (persimmon)	do	3			N. Y.
<i>Ficus carica</i> (fig)	Greece, Italy, Lebanon	10	2		Mass., N. Y.
<i>Malus sylvestris</i> (apple)	Azores, Italy, Portugal	4			N. Y.

List of pests (insects) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Ceratitidis capitata</i> —Continued					
<i>Opuntia compressa</i> (pricklypear).....	Italy.....	11	-----	-----	Mass., N. Y.
<i>Opuntia</i> sp.....	do.....	2	-----	-----	Ill., N. Y.
<i>Persea americana</i> (avocado).....	Portugal.....	1	-----	-----	N. Y.
<i>Prunus armeniaca</i> (apricot).....	Greece, Lebanon, Portugal.....	2	3	-----	Ill., Mass., N. Y.
<i>Prunus persica</i> (peach).....	Azores, France, Italy, Palestine, Portugal, Spain.....	11	4	-----	Mass., N. Y.
<i>Prunus persica nectarina</i> (nectarine).....	Italy.....	1	-----	-----	N. Y.
<i>Psidium guajava</i> (guava).....	Israel.....	1	-----	-----	N. Y.
<i>Punica granatum</i> (pomegranate).....	Greece, Italy.....	2	-----	-----	N. Y.
<i>Pyrus communis</i> (pear).....	Italy, Portugal, Syria.....	7	2	-----	Mass., N. Y.
<i>Vitis</i> sp. (grape).....	Italy.....	1	-----	-----	N. Y.
With oranges, grapes, and plums abandoned on pier.....	do.....	1	-----	-----	N. Y.
<i>Ceratitidis capitata</i> (Wied.) (?) (Tephritidae):					
<i>Citrus sinensis</i> (orange).....	Unknown.....	-----	1	-----	N. Y.
<i>Prunus domestica</i> (plum).....	Italy.....	1	-----	-----	Mass.
<i>Ceroptastes ceriferus</i> (And.) (Coccidae):					
<i>Camellia japonica</i> (camellia).....	Japan.....	-----	2	-----	Hawaii, N. Y.
<i>Ceroptastes japonicus</i> Green (Coccidae):					
<i>Laurus nobilis</i> (Grecian laurel).....	France.....	1	-----	-----	N. Y.
<i>Ceroptastes rubens</i> Mask. (Coccidae):					
<i>Anthurium</i> sp.....	Hawaii.....	-----	2	-----	Calif.*
<i>Chaenomeles</i> sp. (flowering quince).....	Japan.....	-----	1	-----	Calif.*
<i>Crataegus</i> sp.....	do.....	-----	1	-----	Calif.*
<i>Diospyros kaki</i> (kaki persimmon).....	do.....	-----	1	-----	Calif.*
<i>Gardenia augusta</i> (gardenia).....	Hawaii.....	1	-----	-----	Calif.*
<i>Grammatophyllum</i> sp. (orchid).....	Guam.....	-----	1	-----	Hawaii.
<i>Ceroptastes rusci</i> (L.) (Coccidae):					
<i>Ficus carica</i> (fig).....	Greece, Italy.....	3	2	-----	Mich., N. Y.
<i>Ceutorhynchus contractus</i> (Marsh) (Curculionidae):					
Woods moss packing around <i>Crataegus</i> spp.....	Scotland.....	-----	1	-----	N. J.
Woods moss packing around cut flowers.....	England.....	1	-----	-----	Ill.
<i>Ceutorhynchus erysimi</i> (F.) (Curculionidae):					
Woods moss packing around cut flowers.....	do.....	1	-----	-----	Ill.
<i>Chaetanaphothrips orchidii</i> (Mit.) (Thripidae):					
<i>Citrus sinensis</i> (orange).....	Portugal.....	-----	1	-----	Mass.
<i>Chalcodermus dentiferus</i> Faust (Curculionidae):					
<i>Ananas comosus</i> (pineapple).....	Mexico.....	1	-----	-----	Tex.
<i>Chalcophana fervida</i> Suffr. (Chrysomelidae):					
Straw packing.....	Cuba.....	1	-----	-----	Fla.*
<i>Chilo simplex</i> (Btlr.) (Crambidae):					
<i>Oryza sativa</i> (rice).....	Japan.....	5	1	-----	Calif.,* N. Y., Oreg., Wash.
" <i>Chionaspis</i> " <i>indigoferae</i> Hall (Coccidae):					
<i>Ceropegia</i> sp.....	Union of South Africa.....	-----	1	-----	Calif.*
<i>Stapelia pedunculata</i> (orchid).....	do.....	-----	1	-----	Calif.*
" <i>Chionaspis</i> " <i>stanotophri</i> Cooley (Coccidae):					
<i>Asparagus plumosus</i> (fern asparagus).....	Egypt.....	1	-----	-----	Mass.
<i>Chrysomphalus agavis</i> (Towns. & Ckll.) (Coccidae):					
<i>Yucca</i> sp.....	Mexico.....	1	-----	-----	Tex.
<i>Chrysomphalus diversicolor</i> Green (Coccidae):					
Orchid.....	Portugal.....	-----	1	-----	N. Y.
<i>Chrysomphalus nigropunctatus</i> (Ckll.) (Coccidae):					
<i>Philodendron selloum</i>	Guatemala.....	-----	1	-----	P. R.
<i>Chrysomphalus nulliporus</i> McKenzie (Coccidae):					
<i>Coelogyne remediosae</i> (orchid).....	Philippines.....	-----	1	-----	Hawaii.
<i>Dendrobium lyonii</i> (orchid).....	do.....	-----	1	-----	Calif.*
<i>Chrysomphalus odontoglossi</i> (Ckll.) (Coccidae):					
Stem—unknown.....	Jamaica.....	-----	1	-----	Hawaii.
<i>Chrysomphalus paulistus</i> (Hempel) (Coccidae):					
<i>Laurus nobilis</i> (Grecian laurel).....	Brazil.....	-----	1	-----	N. Y.
<i>Laurus</i> sp.....	do.....	-----	1	-----	N. Y.

List of pests (insects) collected and reported from July 1, 1950, to June 30, 1951,
inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Chrysomphalus personatus</i> (Comst.) (Coccidae):					
<i>Citrus sinensis</i> (orange)	Brazil, Mexico, Trinidad	1	2		Calif.,* Tex.
<i>Cocos nucifera</i> (coconut)	Mexico	1			Calif.*
<i>Laurus nobilis</i> (Grecian laurel)	Brazil		1		N. Y.
Leaf—unknown	Mexico		2		Tex.
<i>Mangifera indica</i> (mango)	do	1			Tex.
<i>Chrysomphalus ritchiei</i> (Green & Laing) (Coccidae):					
<i>Calocarpum sapota</i> (sapote)	Canal Zone		1		Calif.*
<i>Chrysomphalus sphaeroides</i> (Ckll.) (Coccidae):					
Palm	Mexico	1			Tex.
<i>Philodendron</i> sp.	do			1	Tex.
<i>Chrysomphalus tenax</i> (McKenzie) (Coccidae):					
<i>Cattleya</i> spp. (orchid)	Guatemala			1	Calif.*
<i>Epidendrum stamfordianum</i> (orchid)	Honduras			1	N. J.
<i>Epidendrum</i> sp.	Cuba			1	Calif.*
Orchid	do			1	Calif.*
<i>Philodendron lacerum</i>	Guatemala			1	N. J.
<i>Philodendron</i> sp.	Mexico			1	Tex.
<i>Schomburgkia tibicinis</i> (orchid)	Cuba			1	Calif.*
<i>Chrysomphalus tingsi</i> (McKenzie) (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Mexico, Philippines	2			Calif.*
<i>Chrysomphalus umboniferus</i> (Newst.) (Coccidae):					
<i>Anthurium</i> sp.	Guatemala			1	Fla.
<i>Cattleya</i> sp. (orchid)	Costa Rica			1	Tex.
<i>Musa paradisiaca sapientum</i> (banana)	Panama	1			Calif.*
Orchid	Canal Zone, Guatemala, Mexico, St. Lucia.			4	Fla., Tex.
<i>Cleogonus armatus</i> Champ. (Curculionidae):					
Orchid	Canal Zone			1	Tex.
<i>Clerada apicornis</i> Sign. (Lygaeidae):					
Orchid	Mexico			1	Tex.
<i>Cnephasia virgaureana</i> (Treits.) (Tortricidae):					
<i>Chrysanthemum maximum</i>	England			1	N. J.
<i>Coccidella americana</i> (Hambl.) (Coccidae):					
<i>Isoloma</i> sp.	South America			1	N. J.
<i>Coccotrypes dactyliperda</i> (F.) (Scolytidae):					
<i>Phoenix rupicola</i> (cliff date palm)	India			1	N. J.
Seed—unidentified	Hawaii			1	Calif.*
<i>Coccus viridis</i> (Green) (Coccidae):					
<i>Coffea</i> sp. (coffee)	Cuba	1			Fla.*
<i>Ficus pandurata</i> (fiddleleaf fig)	Puerto Rico			1	Calif.*
<i>Gardenia angusta</i> (gardenia)	Cuba, Guatemala, Hawaii, Venezuela.	32	2	1	Calif.,* Fla., Fla.,*N.Y.
<i>Ixora macrothyrsa</i> (Malay ixora)	Panama	1			N. Y.
<i>Coeliodes rubicundus</i> Hbst. (Curculionidae):					
<i>Rhododendron</i> sp.	England			1	Wash.
<i>Conchaspis angracis</i> Ckll. (Coccidae):					
<i>Epidendrum</i> sp. (orchid)	Mexico			1	Tex.
<i>Hibiscus</i> sp.	Bermuda	2		1	N. Y.
<i>Oncidium ampliatus</i> (orchid)	Canal Zone			1	Tex.
Orchid	Canal Zone, Cuba, Mexico.			4	Fla., N. Y., Tex.
<i>Conotrachelus aguacatae</i> Barber (Curculionidae):					
<i>Persea americana</i> (avocado)	Mexico	154			Tex.
<i>Conotrachelus perseae</i> Barber (Curculionidae):					
<i>Persea americana</i> (avocado)	do	3			Tex.
<i>Cordylomera spinicornis</i> (F.) (Cerambycidae):					
<i>Khaya</i> sp.	Nigeria	1			Pa.
Log	Gold Coast	2			Va.
<i>Cosmopolites sordidus</i> (Germ.) (Curculionidae):					
<i>Musa paradisiaca sapientum</i> (banana)	Nicaragua	1			Fla.*
<i>Cryptoblabes gnidiella</i> (Mill.) (Phycitidae):					
Branch—unknown	Bermuda	1			Va.
<i>Citrus limon</i> (lemon)	Italy	1	1		N. Y., Pa.
<i>Citrus sinensis</i> (orange)	Italy, Spain	1	1		N. Y., Va.
Cycadaceae	Bermuda	1			N. Y.
<i>Malus sylvestris</i> (apple)	Portugal		1		Mass.
Plant—unknown	Egypt			1	N. J.

List of pests (insects) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Cryptoblabes gnidiella</i> —Continued.					
<i>Punica granatum</i> (pomegranate).....	Greece, Italy, Lebanon, Palestine.	11			Mass., N. Y.
<i>Vitis</i> sp. (grape).....	Italy, Spain.....	1	1		N. Y., P. R.
<i>Cryptorhynchus mangiferae</i> F. (Curculionidae):					
<i>Mangifera indica</i> (mango).....	Hawaii, India.....	18	7	2	Calif.,* N. Y.
<i>Curculio elephas</i> (Gyll.) (Curculionidae):					
<i>Castanea</i> sp. (chestnut).....	Azores, France, Italy, Portugal, Spain, Turkey, Yugoslavia.	101	1	1	D. C., Ill., Mass., N. Y., Pa.
<i>Curculio nucum</i> L. (Curculionidae):					
<i>Corylus avellana</i> (filbert).....	Germany, Italy.....	3			Mass., N. Y.
<i>Cylas femoralis</i> Faust (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato).....	Liberia.....	1			Va.
<i>Cylas formicarius elegantulus</i> (Summers) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato).....	Cuba, Haiti, Jamaica, Mexico, Puerto Rico, Virgin Islands.	25	5		Fla.,* La., N. Y., P. R., S. C., Tex.
<i>Cyrtopeltis varians</i> (Dist.) (Miridae):					
<i>Antirrhinum majus</i> (snapdragon).....	Bermuda.....	1			N. Y.
<i>Dacus cucurbitae</i> (Coq.) (Tephritidae):					
<i>Cucumis sativus</i> (cucumber).....	Hawaii.....	1	1		Calif.*
<i>Lycopersicon esculentum</i> (tomato).....	do.....		8		Ala., Calif.,* Oreg.
<i>Dacus cucurbitae</i> (Coq.) (?) (Tephritidae):					
<i>Cucumis sativus</i> (cucumber).....	do.....		1		Wash.
<i>Dacus dorsalis</i> Hend. (Tephritidae):					
<i>Cucumis sativus</i> (cucumber).....	do.....	1			Calif.*
<i>Lycopersicon esculentum</i> (tomato).....	do.....		2		Calif.*
<i>Mangifera indica</i> (mango).....	do.....	3			Calif.*
<i>Musa paradisiaca sapientum</i> (banana).....	do.....	1	4		Calif.*
<i>Persea americana</i> (avocado).....	do.....	1			Calif.*
<i>Dacus dorsalis</i> Hend. (?) (Tephritidae):					
<i>Mangifera indica</i> (mango).....	Fiji Islands.....		1		Hawaii.
<i>Musa paradisiaca sapientum</i> (banana).....	Hawaii.....	1			Calif.*
<i>Ochrosia elliptica</i>	do.....	1			Calif.*
<i>Dacus oleae</i> (Gmel.) (Tephritidae):					
<i>Olea europaea</i> (olive).....	Crete, Greece, Italy, Lebanon, Syria.	45	2		Ill., La., Mass., N. Y., Tex.
<i>Dacus oleae</i> (Gmel.) (?) (Tephritidae):					
<i>Olea europaea</i> (olive).....	Algeria.....		1		Tex.
<i>Dendroctonus mexicanus</i> Hopk. (Scolytidae):					
<i>Pinus montezumae</i> (Montezuma pine).....	Mexico.....			1	Calif.*
<i>Pinus pseudostrobus</i>	do.....			1	Calif.*
<i>Deroceras reticulatum</i> (Muller) (Mollusca):					
<i>Apium graveolens</i> (celery).....	Bermuda.....		1		N. Y.
<i>Brassica oleracea capitata</i> (cabbage).....	Italy.....		1		Tex.
<i>Cattleya</i> sp. (orchid).....	Venezuela.....			1	Fla.
<i>Chrysanthemum</i> sp.....	England.....			1	N. Y.
Plant—unknown.....	Italy.....	1			N. Y.
<i>Dialeurodes chittendeni</i> Laing (Aleyrodidae):					
<i>Rhododendron</i> sp.....	Netherlands.....			1	N. J.
<i>Dialeurodes citri</i> (Ashm.) (Aleyrodidae):					
<i>Citrus</i> sp.....	Mexico.....	2			Tex.
<i>Gardenia augusta</i> (gardenia).....	Hawaii, Mexico.....	2			Calif.,* Tex.
<i>Dialeurodes citrifolii</i> (Morg.) (Aleyrodidae):					
<i>Citrus</i> sp.....	Bahamas.....	1			Fla.*
<i>Gardenia augusta</i> (gardenia).....	Costa Rica.....			1	Fla.
<i>Dialeurodes kirkaldyi</i> (Kot.) (Aleyrodidae):					
<i>Gardenia</i> sp.....	China.....			1	Calif.*
<i>Jasminum sambac</i> (Arabian jasmine).....	Hawaii, Philippines.....			2	Calif.*
<i>Diatraea busckella</i> Dyar & Hein. (Crambidae):					
<i>Saccharum officinarum</i> (sugarcane).....	Venezuela.....	1			N. Y.
<i>Dicyphus annulatus</i> (Wolff) (Miridae):					
<i>Lactuca sativa</i> (lettuce).....	Sweden.....		1		N. Y.

List of pests (insects) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Dinoderus bifoveolatus</i> (Woll.) (Bostrichidae):					
<i>Derris</i> sp.	Brazil.....	1			N. Y.
<i>Lonchocarpus</i> sp.	do.....	1			N. Y.
Palm mats.....	Gold Coast.....		1		Tex.
<i>Phoenix dactylifera</i> (date).....	China.....	1			N. Y.
<i>Dinoderus brevis</i> (Horn) (Bostrichidae):					
Bamboo.....	India, Japan.....	2			Va.
<i>Diorymerellus laesimargo</i> Champ. (Curculionidae):					
Orchid.....	Mexico.....			7	Tex.
<i>Draeculacephala lenticula</i> Ball (Cicadellidae):					
<i>Copaifera hemitomophylla</i> ("cative").....	Costa Rica.....	2			S. C.
<i>Draeculacephala minerva</i> Ball (Cicadellidae):					
<i>Lactuca sativa</i> (lettuce).....	Mexico.....	1			Ariz.
<i>Drymus assimilis</i> Horvath (Lygaeidae):					
Moss packing around rhododendron scions.....	England.....			1	Wash.
<i>Dryocoetes autographus</i> (Ratz.) (Scolytidae):					
<i>Pinus</i> sp. (pine).....	Germany.....	1			N. Y.
<i>Dryocoetes septentrionis</i> (Mann.) (Scolytidae):					
<i>Pinus</i> sp. (pine).....	Canada.....		1		Tex.
<i>Dryophthorus pusillus</i> Sharp (Curculionidae):					
Fern log.....	Hawaii.....	1			Wash.
<i>Dysdercus mimulus</i> Hussey (Pyrrhocoridae):					
<i>Gardenia augusta</i> (gardenia).....	Mexico.....	1			Tex.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	1			Tex.
Palm.....	do.....	1			Tex.
<i>Dyspessa ulula</i> (Bkh.) (Cossidae):					
<i>Allium sativum</i> (garlic).....	Italy.....	7			N. Y.
<i>Epicaerus cognatus</i> Sharp (Curculionidae):					
<i>Solanum tuberosum</i> (potato).....	Mexico.....	2	2		Tex.
<i>Epidiaspis piricola</i> (del Guer.) (Coccidae):					
<i>Malus sylvestris</i> (apple).....	France.....		1		N. Y.
<i>Prunus domestica</i> (plum).....	Yugoslavia.....			1	D. C.
<i>Prunus persica nectarina</i> (nectarine).....	Chile.....	1			N. Y.
<i>Epinotia opposita</i> Hein. (Olethreutidae):					
<i>Phaseolus vulgaris</i> var. (string bean).....	Mexico, Peru.....	18	2		La., Tex.
<i>Epinotia tessulatana</i> (Stgr.) (Olethreutidae):					
<i>Cupressus lusitanica</i> (Portuguese cypress).....	Portugal.....	1			N. Y.
<i>Ereunetes flavistriata</i> Wlsm. (Tineidae):					
<i>Cocos nucifera</i> (coconut).....	Hawaii.....	1			Hawaii.
<i>Ethmia festiva</i> Busck (Ethmiidae):					
Cabin of airplane.....	Mexico.....		1		Tex.
<i>Eucalymnatus tessellatus</i> (Sign.) (Coccidae):					
<i>Gardenia augusta</i> (gardenia).....	do.....	1			Tex.
<i>Euethola bidentata</i> (Burm.) (Scarabaeidae):					
<i>Ananas comosus</i> (pineapple).....	do.....	1			Tex.
<i>Euphilippia olivina</i> Berl. & Silv. (Coccidae):					
<i>Olea europaea</i> (olive).....	Italy.....	1			Mass.
<i>Euphyllura olivina</i> (Costa) (Psyllidae):					
<i>Olea europaea</i> (olive).....	do.....	1			N. Y.
<i>Eurythmia santiagella</i> Dyar (Phycitidae):					
<i>Ananas comosus</i> (pineapple).....	Cuba.....	1			N. Y.
<i>Eurytoma orchidearum</i> (Westw.) (Eurytomidae):					
<i>Cattleya</i> sp. (orchid).....	Brazil, Colombia, Trinidad, Venezuela, Colombia, Venezuela.....			14	Fla., N. J.
Orchid.....				7	Fla.
<i>Euscepes postfasciatus</i> (Fairm.) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato).....	Brazil, Hawaii, Trinidad, Virgin Islands.....	2	6		Ala., Ga., La., Md., N. Y., P. R.
<i>Everes comyntas</i> (Godart) (Lycaenidae):					
<i>Phaseolus vulgaris</i> var. (string bean).....	Mexico.....	4			Tex.
<i>Evergester forficalis</i> (L.) (Pyraustidae):					
<i>Brassica oleracea acephala</i> (kale).....	Ireland.....			1	N. Y.
<i>Brassica oleracea botrytis</i> (cauliflower).....	Netherlands.....		1		N. Y.
<i>Brassica oleracea capitata</i> (cabbage).....	France.....		1		N. Y.
<i>Evergester rimosalis</i> (Gn.) (Pyraustidae):					
<i>Rorippa nasturtium aquaticum</i> (watercress).....	Mexico.....	1			Tex.

List of pests (insects) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Exophthalmus laetus</i> (Oliv.) (Curculionidae):					
<i>Gladiolus</i> sp.	Haiti	1			P. R.
<i>Exophthalmus roseipes</i> (Chev.) (Curculionidae):					
<i>Citrus</i> sp.	Puerto Rico	1			N. Y.
<i>Erosoma lusitanica</i> L. (Chrysomelidae):					
<i>Muscari comosum</i> (cipollino)	Morocco	3			Pa.
<i>Erptochiomeria albomaculata</i> (Dist.) (Lygaeidae):					
<i>Acacia farnesiana</i> (huisache)	Mexico	1			Tex.
<i>Ananas comosus</i> (pineapple)	do.	2			Tex.
<i>Nerium oleander</i> (oleander)	do.	1			Tex.
Orchid	Colombia			1	Fla.
<i>Persea americana</i> (avocado)	Mexico	2			Tex.
<i>Ferrissiana virgata</i> (Ckll.) (Coccidae):					
<i>Cocos nucifera</i> (coconut)	do.	1			Calif.*
<i>Delonix regia</i> (royal poinciana)	do.			1	Calif.*
<i>Gardenia augusta</i> (gardenia)	Guatemala		1		Fla.*
Plant—unknown	Guam			1	Calif.*
<i>Filippia oleae</i> (Costa) (Coccidae):					
<i>Olea europaea</i> (olive)	Italy	2			N. Y.
<i>Fiorinia nephelii</i> Mask. (Coccidae):					
<i>Melicocca bijuga</i> (mamonechillo)	Cuba	1			N. Y.
<i>Frankliniella cubensis</i> Hood (Thripidae):					
<i>Bryophyllum</i> sp.	Bermuda	1			N. Y.
<i>Coriandrum sativum</i> (coriander)	Puerto Rico	1			N. Y.
<i>Eranthemum nervosum</i>	Bermuda	1			N. Y.
<i>Hibiscus</i> sp.	do.	1			N. Y.
<i>Litium</i> sp.	do.	1			N. Y.
<i>Passiflora</i> sp. (passionflower)	do.		1		N. Y.
<i>Fundella peltucens</i> (Zell.) (Phytetidae):					
<i>Phaseolus vulgaris</i> var. (string bean)	Cuba		1		Fla.*
<i>Furcaspis biformis</i> (Ckll.) (Coccidae):					
<i>Cattleya trianae</i> (orchid)	Hawaii			1	Calif.*
<i>Cattleya</i> sp.	Hawaii, South America, Venezuela			7	Calif.,*N.J.
<i>Epidendrum atropurpureum</i> (orchid)	Canal Zone			2	N. J., Tex.
<i>Epidendrum</i> sp.	Canal Zone, Cuba, Honduras.			3	Calif.,*N. J.
<i>Oncidium ampliatus</i> (orchid)	Ceylon			1	N. J.
<i>Oncidium carthaginense</i>	Canal Zone			1	N. J.
<i>Oncidium</i> sp.	Ceylon, Dominican Republic, Guatemala.			3	Calif.,* Fla., N. J.
Orchid	Canal Zone, Colombia, Cuba, Hawaii, Mexico, Panama, Trinidad, Venezuela.			26	Calif.,* Fla., N. Y., P. R., Tex.
<i>Orchis</i> sp. (orchid)	Canal Zone			1	N. J.
Palm	Mexico	3			Tex.
<i>Vanda</i> sp. (orchid)	Hawaii			2	Calif.*
<i>Gargaphia patricia</i> Stal (Tingidae):					
<i>Myrtillocactus geometrizans</i> (cactus)	Mexico			1	Tex.
<i>Gelechia ericetella</i> (Hbn.) (Gelechiidae):					
<i>Calluna vulgaris</i> (heather)	England, Scotland	3			Ill., N. Y.
<i>Genopaschia protomis</i> Dyar (?) (Galleriidae):					
<i>Ananas comosus</i> (pineapple)	Grenada, Montserrat	1	1		Mass., N.Y.
<i>Genuchinus v-notatus</i> Westw. (Scarabaeidae):					
Orchid	Mexico			1	Tex.
<i>Gerstaeckeria mutillaria</i> (Gerst.) (Curculionidae):					
Cactus	do.			1	Tex.
<i>Mammillaria applanata</i> (cactus)	do.			1	Tex.
<i>Gnorimoschema gudmannella</i> (Wism.) (Gelechiidae):					
<i>Capsicum frutescens</i> (pepper)	do.	5			Ariz.
<i>Capsicum frutescens grossum</i> (bell pepper)	do.	5			Ariz.
<i>Gortyna flavago</i> (Hbn.) (Phalaenidae):					
<i>Dahlia</i> sp.	Norway			1	N. Y.
<i>Sorghum vulgare technicum</i> (broomcorn)	Italy (?)	1			Fla.*
Tuber—unknown	Greece			1	N. Y.

List of pests (insects) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Gracilaria azaleella</i> Brants (Gracilariidae):	Netherlands			4	N. J.
<i>Rhododendron japonicum</i> (Japanese azalea) -----	Belgium, England, Japan, Netherlands.			8	N. J., Wash.
<i>Grapholitha molesta</i> (Busck) (Olethreutidae):					
<i>Prunus persica</i> (peach) -----	Japan	1			Alaska.
<i>Pyrus communis</i> (pear) -----	do.	1			Wash.
<i>Grapholitha packardii</i> Zell. (Olethreutidae):					
<i>Cydonia oblonga</i> (quince) -----	Mexico	1			Tex.
<i>Gymnaendrosoma aurantianum</i> DaCosta Lima (Olethreutidae):					
<i>Citrus sinensis</i> (orange) -----	Brazil		1		Pa.
<i>Gynaikothrips ficorum</i> (Marchal) (Phlaeothripidae):					
<i>Ficus</i> sp. -----	Cuba	1			Fla.*
<i>Haplothrips bagnalli</i> Priesn. (Phlaeothripidae):					
<i>Ornithogalum thyrsoides</i> (chinkerichee) -----	Union of South Africa	2			N. Y., Pa.
<i>Haplothrips gowdeyi</i> (Frankl.) (Phlaeothripidae):					
<i>Antirrhinum majus</i> (snapdragon) -----	Haiti	1			P. R.
<i>Calotropis gigantea</i> (akund calotrope) -----	Hawaii	2			Calif.*
<i>Canavalia</i> sp. -----	do.	1			Calif.*
<i>Daucus carota</i> (Queen-Annes-lace) -----	Haiti	1			P. R.
<i>Dianthus</i> sp. -----	Hawaii	1			Calif.*
Flowers—unknown -----	Haiti	1			P. R.
<i>Helichrysum bracteatum</i> (strawflower) -----	Cuba	1			Fla.*
<i>Lathyrus odoratus</i> (sweet pea) -----	Unknown		1		Tex.
<i>Mesembryanthemum</i> sp. -----	Hawaii	1			Calif.*
<i>Tagetes florida</i> (marigold) -----	India		1		N. Y.
<i>Haplothrips gowdeyi</i> (Frankl.) (?) (Phlaeothripidae):					
<i>Begonia nitida</i> -----	Bermuda	1			N. Y.
<i>Hemileuca oliviae</i> Ckll. (Saturniidae):					
Cactus -----	Mexico			1	Ariz.
<i>Hemiteles juliana</i> (Curt.) (Olethreutidae):					
<i>Castanea</i> sp. (chestnut) -----	Italy	1			N. Y.
<i>Heterobostrychus aequalis</i> (Waterh.) (Bostrichidae):					
Herb -----	Cuba	1			Tex.
<i>Heterobostrychus brunneus</i> (Murray) (Bostrichidae):					
<i>Khaya</i> sp. -----	Union of South Africa	2			La.
<i>Triplochiton scleroxylon</i> -----	Gold Coast	5			La.
<i>Heteropsylla texana</i> Crawf. (Psyllidae):					
<i>Cryptostegia</i> sp. -----	Mexico	1			Ariz.
<i>Homotoma ficus</i> (L.) (Psyllidae):					
<i>Ficus carica</i> (fig) -----	Italy	1			Mass
<i>Hoplosternus japonicus</i> Har. (Scarabaeidae):					
Cabin of airplane -----	Japan (?)		1		Alaska.
<i>Hyadaphis apii</i> Hall (Aphidae):					
<i>Apium graveolens</i> (celery) -----	Algeria		1		Tex.
<i>Hylurgops palliatus</i> (Gyll.) (Scolytidae):					
<i>Picea</i> sp. (spruce) -----	Sweden	1			N. Y.
<i>Pinus</i> sp. (pine) -----	Germany	1			La.
Wooden crate -----	do.	1			La.
<i>Hypera nigritrostris</i> F. (Curculionidae):					
<i>Heuchers</i> sp. (alumroot) -----	Poland			1	N. Y.
Soil around plants -----	England			1	N. J.
Woods moss -----	Belgium			1	N. J.
<i>Hypera plantaginis</i> (Deg.) (?) (Curculionidae):					
Moss packing around rhododendrons -----	England			1	Wash.
<i>Hypera postica</i> (Gyll.) (Curculionidae):					
<i>Trifolium repens</i> var. (shamrock) -----	Ireland	1			N. Y.
Woods moss around <i>Ribes</i> sp. plants -----	Denmark			1	N. J.
<i>Icerya aegyptiaca</i> (Dougl.) (Coccidae):					
<i>Grevillea</i> sp. -----	American Samoa		1		Calif.*
<i>Ips acuminatus</i> (Gyll.) (Scolytidae):					
Bark on dunnage lumber -----	Sweden		1		Ala.
<i>Iridomyrmex humilis</i> Mayr (Formicidae):					
<i>Cynara scolymus</i> (globe artichoke) -----	Italy	1			N. Y.
<i>Ficus carica</i> (fig) -----	do.	1			N. Y.
<i>Nerium oleander</i> (oleander) -----	Bermuda	1			N. Y.

List of pests (insects) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Iridomyrmex iniquus</i> Mayr (Formicidae):					
<i>Cattleya</i> sp. (orchid).....	Venezuela.....			1	N. J.
<i>Philodendron</i> sp.....	Colombia.....			1	Fla.
<i>Iridomyrmex itoi abbotti</i> Whlr. (Formicidae):					
<i>Prunus cerasus</i> (sour cherry).....	Japan.....			1	Calif.*
<i>Lampetia equestris</i> (F.) (Syrphidae):					
<i>Leucojum vernum</i> (spring snowflake).....	Netherlands.....			1	N. Y.
<i>Narcissus</i> sp.....	Germany, Italy, Netherlands, Scotland.....	1		28	Calif.,* Ill., La., Mass., Minn., N.J., N.Y., Pa., Tex.
<i>Ornithogalum thyrsoides</i> (chinkerichee).....	Union of South Africa.....			1	Calif.*
<i>Lampides boeticus</i> (L.) (Lycaenidae):					
<i>Cajanus cajan</i> (pigeonpea).....	Hawaii.....	1	1		Calif.,* Mass.
<i>Canavalia</i> sp.....	do.....	21	1		Calif.*
<i>Lampides boeticus</i> (L.) (?) (Lycaenidae):					
<i>Phaseolus vulgaris</i> var. (string bean).....	Canary Islands.....		3		La.
<i>Laphygma exempta</i> (Wlk.) (Phalaenidae):					
Airplane.....	Japan, Wake (?).....		2		Hawaii.
<i>Laspeyresia juliana</i> (Hbn.) (Olethreutidae):					
<i>Castanea</i> sp. (chestnut).....	Italy.....	1			N. Y.
<i>Laspeyresia nigricana</i> (Stph.) (Olethreutidae):					
<i>Pisum sativum</i> (pea).....	Portugal.....		1		Ala.
<i>Laspeyresia splendana</i> (Hbn.) (Olethreutidae):					
<i>Castanea</i> sp. (chestnut).....	Azores, England, France, Italy, Portugal, Spain, Yugoslavia.....	81	2		Fla.,* Mass., N. Y., Pa.
<i>Laspeyresia strobilella</i> (L.) (Olethreutidae):					
<i>Abies</i> sp. (fir).....	Germany.....		2		N. Y.
<i>Picea</i> sp. (spruce).....	do.....	2			N. Y.
<i>Lecanodiaspis dendrobii</i> (Dougl.) (Coccidae):					
Orchid.....	Guatemala, Mexico.....			2	Tex.
<i>Lecanium coryli</i> (L.) (Coccidae):					
<i>Prunus armeniaca</i> (apricot).....	Greece.....			1	D. C.
<i>Tilia chinensis</i>	Denmark.....			1	N. J.
<i>Lepersinus frazzini</i> (Panz.) (Scolytidae):					
<i>Ulmus</i> sp. (?).....	England.....	1			Calif.*
<i>Lepidosaphes carinata</i> (Ckll.) (Coccidae):					
<i>Philodendron</i> sp.....	Mexico.....			1	Fla.
<i>Lepidosaphes cellis</i> Kuw. (Coccidae):					
Plant—unknown.....	Japan.....			1	Calif.*
<i>Lepidosaphes conchiformis</i> (Gmel.) (Coccidae):					
<i>Diospyros kaki</i> (kaki persimmon).....	do.....			1	D. C.
<i>Malus sylvestris</i> (apple).....	Korea.....	1			Wash.
<i>Lepidosaphes ficus</i> Sign. (Coccidae):					
<i>Ficus carica</i> (fig).....	Italy, Morocco.....	1		2	D. C., N. Y.
<i>Ficus pandurata</i> (fiddleleaf fig).....	Puerto Rico.....			1	Calif.*
<i>Ficus</i> sp.....	Italy.....			1	Calif.*
<i>Lepidosaphes kuwacola</i> Kuw. (Coccidae):					
<i>Paeonia suffruticosa</i> (tree peony).....	Japan.....			1	Calif.*
<i>Lepidosaphes mcgregori</i> Banks (Coccidae):					
<i>Cocos nucifera</i> (coconut).....	India.....	1			Calif.*
Palm.....	Philippines.....			1	Fla.
<i>Lepidosaphes pallida</i> (Green) (Coccidae):					
<i>Cupressus</i> sp. (cypress).....	Japan.....			2	Calif.*
<i>Juniperus</i> sp.....	do.....			2	Calif.*
<i>Thuja</i> sp.....	do.....			1	Calif.*
<i>Lepidosaphes philococcus</i> (Ckll.) (Coccidae):					
<i>Lemaireocereus pruinosus</i> (cactus).....	Mexico.....			1	Calif.*
<i>Myrtillocactus geometrizans</i> (cactus).....	do.....			1	Ariz.
<i>Lepidosaphes tokionis</i> (Kuw.) (Coccidae):					
<i>Codiaeum variegatum</i> (croton).....	Canal Zone, Hawaii.....	2		16	Calif.,*Tex.
<i>Lepidosaphes tuberculata</i> Malen. (Coccidae):					
<i>Coelogyne corymbosa</i> (orchid).....	India.....			1	N. J.
<i>Cymbidium grandiflorum</i> (orchid).....	do.....			1	N. J.
<i>Cymbidium tracyanum</i>	do.....			1	N. J.

List of pests (insects) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Lepidosaphes tuberculata</i> —Continued.					
<i>Cymbidium</i> sp.	Australia, Belgium, England, India.			22	Calif.,* Hawaii, N. J.
<i>Leptoglossus chilensis</i> Spinola (Coreidae):					
<i>Vitis</i> sp. (grape)	Chile	2			N. Y.
<i>Leptophobia aripa</i> (Bdv.) (Pteridae):					
<i>Brassica oleracea botrytis</i> (cauliflower)	Mexico		1		N. Y.
<i>Leucaspis candida</i> (Targ.) (Coccidae):					
<i>Casuarina</i> sp. (Australian pine)	Greece	1			Ill.
<i>Leucaspis cockerelli</i> (de Charmoy) (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime)	Canal Zone, Colombia, Costa Rica.	1	5		Calif.*
<i>Citrus aurantium</i> (sour orange) (?)	Canal Zone	1			Calif.*
<i>Citrus limon</i> (lemon)	Panama		1		Calif.*
<i>Citrus paradisi</i> (grapefruit)	Jamaica, Panama		2		Calif.*
<i>Citrus reticulata</i> (Mandarin orange)	Salvador	1			Calif.*
<i>Citrus sinensis</i> (orange)	Canal Zone, Jamaica, Panama.		6		Calif.*
<i>Citrus</i> sp.	Salvador	1			Calif.*
<i>Leucaspis loewi</i> (Colvee) (Coccidae):					
<i>Casuarina</i> sp. (Australian pine)	Greece	1			Ill.
<i>Pinus sylvestris</i> (Scotch pine)	Germany	1		1	N. J., N. Y.
<i>Pinus</i> sp.	Austria, Germany, Netherlands.	3			Mass., N. Y.
<i>Lichtensia lutea</i> Ktl. (Coccidae):					
<i>Carica papaya</i> (papaya)	Mexico	1			Ariz.
<i>Lygyrocotis aurivilliana</i> (Dist.) (Lygaeidae):					
<i>Celosia cristata</i> (cockscorn)	do	1			Tex.
<i>Lilioceris lili</i> (Scop.) (Chrysomelidae):					
<i>Lilium candidum</i> (Madonna lily)	France			1	N. Y.
<i>Lilium</i> sp.	do			1	N. Y.
<i>Lineaspis striata</i> (Newst.) (Coccidae):					
<i>Cedrus libani</i> (cedar-of-Lebanon)	Israel	1			N. Y.
<i>Lineodes integra</i> (Zell.) (Pyraustidae):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	2			Tex.
<i>Liosomaphis berberidis</i> (Kltb.) (Aphidae):					
<i>Berberis gagnepaini</i> (black barberry)	Netherlands			1	N. J.
<i>Liriomyza congesta</i> (Beck.) (Agromyzidae):					
<i>Lathyrus odoratus</i> (sweet pea)	Bermuda	1			Mass.
<i>Lizus junci</i> Boh. (Curculionidae):					
<i>Beta vulgaris</i> (beet)	Egypt		1		Md.
<i>Lochmaea capreae</i> (L.) (Chrysomelidae):					
<i>Calluna vulgaris</i> (heather)	Scotland	1			N. Y.
<i>Loxostege similalis</i> (Guen.) (Pyraustidae):					
<i>Daucus carota</i> (carrot)	Mexico	1			Tex.
<i>Lygaeus circulifolius</i> Dist. (Lygaeidae):					
Orchid	do			1	Tex.
<i>Lygaeus circumplexatus</i> Dist. (Lygaeidae):					
Orchid	do			2	Tex.
<i>Lygus campestris</i> (L.) (Miridae):					
<i>Cornus alba</i> (tatarian dogwood)	Netherlands			1	N. J.
<i>Lygus lucorum</i> (Meyer-Dür) (Miridae):					
<i>Brassica chinensis</i> (Chinese cabbage)	England		1		N. Y.
<i>Malocampa punctata</i> (Cram.) (Notodontidae):					
Orchid	Mexico			1	Ariz.
<i>Mamestra brassicae</i> (L.) (Phalaenidae):					
<i>Brassica oleracea botrytis</i> (cauliflower)	England, France, Netherlands.		4		N. Y., Tex.
<i>Brassica oleracea capitata</i> (cabbage)	France, Italy		4		N. Y.
<i>Daucus carota</i> (carrot)	England, France		2		N. Y.
<i>Maruca testulalis</i> (Geyer) (Pyraustidae):					
Airplane	Japan		1		Alaska.
<i>Cajanus cajan</i> (pigeonpea)	Hawaii, Puerto Rico	3			Fla., Hawaii, N. Y.
<i>Canavalia</i> sp.	Hawaii	15			Calif.*
<i>Phaseolus lunatus macrocarpus</i> (lima bean)	Cuba	2			N. Y.
<i>Phaseolus vulgaris</i> var. (string bean)	Brazil, Hawaii, Puerto Rico, Trinidad.	5	3		Ala., Calif.,* La., Md., N. Y., P. R.

List of pests (insects) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Masonaphis rhododendri</i> (Wils.) (Aphidae):					
<i>Rhododendron</i> sp.	Netherlands			1	N. J.
<i>Megalometis chiliensis</i> Boh. (Curculionidae):					
<i>Vitis</i> sp. (grape)	Chile	1			N. Y.
<i>Megalopyge krugii</i> (Dewitz) (Megalopygidae):					
Herb	Curacao	1			N. Y.
<i>Megastigmus pistaciae</i> Wlk. (Torymidae):					
<i>Pistacia</i> sp. (pistache)	Italy	1			N. Y.
<i>Mertila malayensis</i> Dist. (Miridae):					
<i>Grammatophyllum speciosum</i> (orchid)	Philippines			1	Hawaii.
<i>Metamasius sericeus</i> (Oliv.) (Curculionidae):					
<i>Musa paradisiaca sapientum</i> (banana)	Costa Rica, Ecuador, Honduras, Panama, Puerto Rico.	46			Calif.,* La., N. Y., Pa., S. C.
<i>Metamasius sericeus carbonarius</i> (Cher.) (Curculionidae):					
<i>Musa paradisiaca sapientum</i> (banana)	Guatemala	1			La.
<i>Metopoplax ditomoides</i> (Costa) (Lygaeidae):					
Bark	Portugal	1			Va.
<i>Micrapate labialis</i> Lesne (Bostrichidae):					
Bamboo	Mexico	1			Ariz.
<i>Microleon longipalpis</i> Butl. (Limacodidae):					
<i>Alnus</i> sp. (alder)	Japan			1	Wash.
<i>Microplax plagiatu</i> s (Fieber) (Lygaeidae):					
Bark	Portugal	1			Va.
<i>Mimosestes dominicana</i> (Jek.) (Bruchidae):					
<i>Caesalpinia</i> sp.	Haiti	1			Md.
<i>Monanthia echii</i> (Schrank) (Tingidae):					
<i>Malus sylvestris</i> (apple)	Syria	1			N. Y.
<i>Monellia costalis</i> (Fitch) (Aphidae):					
<i>Juglans</i> sp. (walnut)	Mexico	1			Tex.
<i>Monomorium destructor</i> (Jerd.) (Formicidae):					
<i>Brassica oleracea capitata</i> (cabbage)	Jamaica		1		S. C.
<i>Dioscorea</i> sp. (yam)	St. Kitts	1			Mass.
Soil around camellia plants	Japan		1		Tex.
<i>Tamarindus indica</i> (tamarind)	Indonesia		1		Tex.
<i>Vanda caerulea</i> (orchid)	India, Siam			2	Calif.,* N. J.
<i>Moodna bisinuella</i> Hamp. (Phycitidae):					
<i>Zea mays</i> (corn)	Mexico	1			Tex.
<i>Mordellistena cattleyana</i> Champ. (Mordellidae):					
<i>Cattleya</i> sp. (orchid)	Colombia			1	Fla.
Orchid	do			1	Fla.
<i>Morganella longispina</i> (Morg.) (Coccidae):					
<i>Citrus limon</i> (lemon)	Union of South Africa		1		Calif.*
<i>Mammea americana</i> (mamey)	Guatemala		1		Calif.*
<i>Nerium oleander</i> (oleander)	Bermuda			1	N. Y.
<i>Mormidea collaris</i> Dallas (Pentatomidae):					
Orchid	Mexico			1	Tex.
<i>Myelois ceratoniae</i> Zell. (Phycitidae):					
<i>Punica granatum</i> (pomegranate)	Italy	2			N. Y.
<i>Tamarindus indica</i> (tamarind)	Jamaica	1			Fla.*
<i>Myrmica laevinodis</i> Nyl. (Formicidae):					
<i>Chrysanthemum maximum</i> (shasta daisy)	England			1	N. J.
<i>Myzocallis caryaefoliae</i> (Davis) (Aphidae):					
<i>Juglans</i> sp. (walnut)	Mexico	1			Tex.
<i>Nasutitermes fulviceps</i> (Silvestri) (Termitidae):					
Log	Brazil	1			N. Y.
<i>Nasutitermes luzonicus</i> (Oshima) (Termitidae):					
Truck bed	Philippines	1			Calif.*
<i>Naupactus xanthographus</i> (Germ.) (Curculionidae):					
Packing around melons	Chile	1			N. Y.
<i>Nematus bergmanni</i> Dahlb. (Tenthredinidae):					
<i>Rhododendron</i> sp.	Netherlands			1	N. J.
<i>Nemotois violellus</i> Zell. (?) (Adelidae):					
<i>Gentiana</i> sp.	Austria	1			N. Y.
<i>Neoclytus cacticus</i> Chev. (Cerambycidae):					
<i>Guajacum officinale</i> (lignumvitae)	Guatemala	1			Calif.*
<i>Nesoleucinodes elegantalis</i> (Guen.) (Pyraustidae):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	66			Tex.

List of pests (insects) collected and reported from July 1, 1950, to June 30, 1951,
inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Newsteadia floccosa</i> (Deg.) (Coccidae):					
<i>Rhododendron</i> sp.	England			1	Wash.
<i>Nilotaspis kalli</i> (Green) (Coccidae):					
<i>Prunus armeniaca</i> (apricot)	Greece			1	D. C.
<i>Noropsis hieroglyphica</i> (Cram.) (Phalaenidae):					
<i>Ananas comosus</i> (pineapple)	Mexico	2			Tex.
<i>Notochilus damryi</i> Puton (Lygaeidae):					
<i>Ilex</i> sp. (holly)	Italy			1	N. Y.
<i>Nysius terrestris</i> Usinger (Lygaeidae):					
Orchid	Hawaii	1			Calif.*
<i>Oligotrophus betulae</i> (Winn.) (Itonididae):					
<i>Betula</i> sp. (birch)	England			1	Wash.
<i>Orobitis cyaneus</i> (L.) (Curculionidae):					
Moss packing around rhododendron plants	do			1	Wash.
<i>Orthesia praelonga</i> Dougl. (Coccidae):					
<i>Bougainvillea</i> sp.	Virgin Islands			1	D. C.
<i>Gardenia augusta</i> (gardenia)	Trinidad	1			N. Y.
<i>Orthosiola signoreti</i> (Haller) (Coccidae):					
Moss packing	England			2	Wash.
<i>Orthochaetes setiger</i> (Beck.) (Curculionidae):					
Moss packing around rhododendron cuttings	do			1	Wash.
<i>Orthodes melanops</i> Dyar (Phalaenidae):					
Bromeliad	Mexico			1	Tex.
<i>Orthotyphlus ericetorum</i> (Fall.) (Miridae):					
<i>Calluna vulgaris</i> (heather)	Scotland	1			Pa.
<i>Ozythya funsta</i> (Poda) (Scarabaeidae):					
With roses, lilies, and daisies	France (?)	1			Mass.
<i>Ozophora consanguinea</i> (Dist.) (Lygaeidae):					
Airplane	Mexico			1	Tex.
<i>Pachyzancla bipunctatus</i> (F.) (Pyraustidae):					
<i>Beta vulgaris</i> (beet)	do	1			Tex.
<i>Brassica oleracea capitata</i> (cabbage)	Haiti		1		P. R.
<i>Pachyzancla periusalis</i> (Wlk.) (Pyraustidae):					
Leaf—unknown	Puerto Rico	1			N. Y.
<i>Palaeopus costicollis</i> Mshl. (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)	Jamaica, Trinidad		2		Ala., Md.
<i>Zingiber officinale</i> (ginger)	British West Indies, Jamaica	2			N. Y.
<i>Pantomorus godmani</i> (Crotch) (Curculionidae):					
<i>Acacia australis</i>	Australia			1	Calif.*
Daisy	Mexico	1			Tex.
<i>Paraleyrodes goyabae</i> (Goeld.) (Aleyrodidae):					
<i>Guajacum officinale</i> (lignumvitae)	Jamaica			1	P. R.
<i>Paratuto taraktogeni</i> Rao (Coccidae):					
<i>Curcuma</i> sp.	India			1	N. J.
<i>Hedychium</i> sp. (gingerlily)	do			1	N. J.
<i>Parlatoria camelliae</i> Comst. (Coccidae):					
<i>Camellia japonica</i> (camellia)	Italy, Japan		1	5	Calif.* Fla., N. J., Tex.
<i>Camellia sasanqua</i> (sasanqua tea)	Japan			3	Calif.*
<i>Camellia</i> sp.	China, Japan			8	Calif.*
<i>Parlatoria cinerea</i> Hadden (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime)	Mexico, Tahiti		3		Calif.*
<i>Citrus limon</i> (lemon)	Brazil		1		Calif.*
<i>Citrus paradisi</i> (grapefruit)	Brazil, Israel		3		Calif.*
<i>Citrus sinensis</i> (orange)	Brazil, Curacao (?), Trinidad		4		Calif.* Fla.*
<i>Jasminum sambac</i> (Arabian jasmine)	Mexico		1		Calif.*
<i>Parlatoria crotonis</i> Dougl. (Coccidae):					
<i>Codiaeum variegatum</i> (croton)	Hawaii	1		5	Calif.*
<i>Parlatoria oleae</i> (Colvee) (Coccidae):					
<i>Diospyros</i> sp. (persimmon)	Italy	1			N. Y.
<i>Malus sylvestris</i> (apple)	do	1			N. Y.
<i>Olea europaea</i> (olive)	Greece, Italy	2		1	D. C., Mass. N. Y.
<i>Olea</i> sp.	Switzerland (?)			1	Calif.*
<i>Prunus armeniaca</i> (apricot)	Egypt, Greece			2	D. C.
<i>Prunus domestica</i> (plum)	Italy	1			N. Y.
<i>Rosa</i> sp.	do			1	N. Y.

List of pests (insects) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Parlatoria pseudaspidiotus</i> Ldgr. (Coccidae):					
<i>Cattleya</i> sp. (orchid)	Formosa			1	Calif.*
<i>Cyrtopodium callosum</i> (orchid)	Siam			1	Calif.*
<i>Cyrtopodium philippinense</i>	do			1	Calif.*
Orchid	Canal Zone, Hawaii, Siam			3	Calif.,* Fla.
<i>Parlatoria zizyphus</i> (Lucas) (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime)	Australia (?)		1		Calif.*
<i>Citrus limon</i> (lemon)	Italy		3		Calif.*
<i>Citrus paradisi</i> (grapefruit)	French West Africa (?)		1		Mass.
<i>Citrus reticulata</i> (Mandarin orange)	China	1			Calif.*
<i>Citrus sinensis</i> (orange)	Algeria, Aruba, Spain		7		Calif.,* Fla.,* Mass., Pa. Tex.
Herb	France	1			Pa.
<i>Parmena balteus</i> (L.) (Cerambycidae):					
<i>Allium sativum</i> (garlic)	Italy	1			N. Y.
<i>Parthenothrips dracaena</i> (Heeger) (Thripidae):					
<i>Anthurium</i> sp.	Hawaii			1	Wash.
<i>Pectinophora gossypiella</i> (Saund.) (Gelechiidae):					
<i>Gossypium</i> sp. (cotton; boll)	Bahamas, British West Africa, Hawaii, Italy, Mexico	10			Calif.,* Fla., N. Y., Tex.
<i>Gossypium</i> sp. (cottonseed)	Brazil, Egypt, India, Korea, Mexico, Puerto Rico	17	3	1	Md., N. J., N. Y., Pa. P. R., Tex. Va., Wash. Mich., Tex.
<i>Gossypium</i> sp. (seed cotton)	Mexico, unknown	24	1		La., N. Y., P. R.
<i>Hibiscus esculentus</i> (okra)	Brazil, Egypt, Puerto Rico, Trinidad	4	2		
<i>Phaloniza zephyrana</i> (Treit.) (Phalonitidae):					
<i>Daucus carota</i> (carrot)	France		1		Md.
<i>Pheidole megacephala</i> (F.) (Formicidae):					
<i>Ananas comosus</i> (pineapple)	Cuba	1			N. Y.
<i>Phenacaspis sandwicensis</i> Fullaway (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Hawaii	7			Calif.*
<i>Mangifera indica</i> (mango)	do	2			Calif.*
<i>Strelitzia reginae</i> (bird-of-paradise-flower)	do	1		1	Calif.*
<i>Strelitzia</i> sp.	do	2			Calif.*
<i>Phloeotribus scarabaeoides</i> (Bern.) (Scolytidae):					
<i>Olea europaea</i> (olive)	Italy	1			N. Y.
<i>Phlyctinus callosus</i> Boh. (Curculionidae):					
<i>Vitis</i> sp. (grape)	Union of South Africa	13			N. Y.
<i>Phytomyza atricornis</i> (Mg.) (Agromyzidae):					
<i>Chrysanthemum</i> sp.	England	1	2		N. Y.
<i>Phytomyza rufipes</i> (Mg.) (Agromyzidae):					
<i>Brassica oleracea botrytis</i> (cauliflower)	Netherlands		1		N. Y.
<i>Pieris brassicae</i> (L.) (Pieridae):					
<i>Allium porrum</i> (leek)	France		1		N. Y.
<i>Brassica oleracea capitata</i> (cabbage)	Italy		2		N. Y.
<i>Pinaspis buxi</i> (Bouche) (Coccidae):					
<i>Maranta</i> sp.	Canal Zone			1	N. J.
<i>Monstera deliciosa</i> (ceriman)	Hawaii	1			Calif.*
Palm	Nicaragua			1	Calif.*
<i>Philodendron</i> sp.	Hawaii	2		2	Calif.*
<i>Scindapsus aureus</i> (Solomon Island ivy-arum)	do			1	Calif.*
<i>Pityogenes bidentatus</i> (Hbst.) (Scolytidae):					
<i>Pinus</i> sp. (pine)	Netherlands	1			Ala.
Wood	Denmark, Sweden	2			Calif.*
<i>Pityogenes chalcographus</i> (L.) (Scolytidae):					
<i>Picea</i> sp. (spruce)	Sweden	1			N. Y.
<i>Pinus</i> sp. (pine)	Germany, Sweden	1	1		Ill., Tex.
Wood	Germany	1			La.
<i>Platynota rostrana</i> (Wlk.) (Tortricidae):					
<i>Ananas comosus</i> (pineapple)	Mexico	1			Tex.
<i>Capsicum frutescens</i> (pepper)	do	1			Tex.
<i>Euphorbia</i> sp.	Cuba			1	Fla.

List of pests (insects) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Platypus rugulosus</i> Chap. (Platypodidae):					
Airplane	Nicaragua		1		Tex.
<i>Copaifera hemitomophylla</i>	Costa Rica	4			S. C.
" <i>Poliaspis</i> " <i>pini</i> Mask. (Coccidae):					
<i>Juniperus</i> sp.	Japan			2	Calif.*
<i>Pinus</i> sp. (pine)	do			1	Wash.
<i>Pollinia pollonii</i> (Costa) (Coccidae):					
<i>Olea europaea</i> (olive)	Italy	1			N. Y.
<i>Polychrosia botrana</i> (Schiff.) (Olethreutidae):					
<i>Vitis</i> sp. (grape)	Greece, Italy	4			Mass., N. Y.
<i>Polychrosia botrana</i> (Schiff.) (?) (Olethreutidae):					
<i>Vitis</i> sp. (grape)	Israel	2			N. Y.
<i>Praeblossus albofasciatus</i> Barber (Lygaeidae):					
Orchid	Mexico			2	Tex.
<i>Prays oleellus</i> (F.) (Hyponomeutidae):					
<i>Olea europaea</i> (olive)	Italy	5			Mass., N. Y., Fa.
<i>Prodenia eridania</i> (Cram.) (Phalaenidae):					
<i>Lilium</i> sp. (lily)	Bermuda	1			N. Y.
<i>Protopulvinaria longivalvata</i> (Green) (Coccidae):					
<i>Gardenia augusta</i> (gardenia)	Trinidad, Venezuela	2			N. Y., P. R.
Seed—unknown	Canal Zone			1	Fla.
<i>rotupulvinaria pyriformis</i> (Ckll.) (Coccidae):					
<i>P. Gardenia augusta</i> (gardenia)	Guatemala, Trinidad	1	1	1	Fla.,* La., N. Y.
Leaf—unknown	Bermuda	1			N. Y.
<i>Pseudaonidia trilobitiformis</i> (Green) (Coccidae):					
<i>Citrus sinensis</i> (orange)	South America	1			P. R.
<i>Mangifera indica</i> (mango)	Philippines		1		Calif.*
<i>Pseudischnaspis alienus</i> (Newst.) (Coccidae):					
<i>Brassavola</i> sp. (orchid)	Mexico			1	Tex.
<i>Cattleya</i> sp. (orchid)	British Honduras			1	Tex.
Orchid	British Honduras, Canal Zone, Costa Rica, Mexico, Venezuela			6	Fla., N. J., Tex.
Palm	Mexico	1			Calif.*
<i>Pseudococcus boninsis</i> (Kuw.) (Coccidae):					
<i>Saccharum officinarum</i> (sugarcane)	Cuba	1			Fla.*
<i>Pseudococcus giffardi</i> (Ehrh.) (Coccidae):					
<i>Pandanus odoratissimus</i>	Hawaii	1			Calif.*
<i>Pseudococcus gahani</i> (Green) (Coccidae):					
<i>Prunus domestica</i> (plum)	Chile	1			N. Y.
<i>Pseudococcus palmarum</i> (Ehrh.) (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Hawaii, Philippines	6	1		Calif.*
<i>Pseudodiaspis yuccae</i> (Ckll.) (Coccidae):					
<i>Agave</i> sp.	Mexico			1	N. J.
<i>Cactus</i>	do			1	N. J.
<i>Psylla buxi</i> (L.) (Psyllidae):					
<i>Buxus sempervirens</i> (box)	Netherlands			2	N. J.
<i>Buxus</i> sp.	do			2	N. J.
<i>Pteleobius vittatus</i> (F.) (Scolytidae):					
<i>Ulmus</i> sp. (elm)	England	1			Md.
<i>Ptinus villiger</i> (Reit.) (Ptinidae):					
<i>Tagetes</i> sp. (marigold)	Mexico	1			Ariz.
<i>Pulvinaria psidii</i> Mask. (Coccidae):					
<i>Alpinia purpurata</i>	Hawaii	4			Calif.*
<i>Anthurium</i> sp.	do	2			Calif.*
<i>Arctotis stoechadifolia</i> (African daisy)	Bermuda			2	N. Y.
<i>Cordylone terminalis</i> (dracena)	Hawaii	1			Calif.*
<i>Ficus</i> sp.	Cuba		1		Fla.*
Plant—unknown	Philippines			1	Calif.*
<i>Puto lasiorum</i> (Ckll.) (Coccidae):					
<i>Cactus</i>	Mexico			1	Tex.
<i>Puto mexicanus</i> (Ckll.) (Coccidae):					
Orchid	do			1	Tex.
<i>Puto ulter Ferris</i> (Coccidae):					
<i>Brassia verrucosa</i> (orchid)	Guatemala			1	N. J.
<i>Epidendrum atropurpureum</i> (orchid)	do			1	N. J.
<i>Oncidium splendidum</i> (orchid)	do			1	N. J.

List of pests (insects) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Puto ulter</i> —Continued.					
<i>Oncidium</i> sp.	Guatemala			2	Fla.
Orchid	do.			3	Fla.
<i>Pyrausta nubilalis</i> (Hbn.) (Pyraustidae):					
<i>Arctium lappa</i> (burdock)	Japan		1		Oreg.
<i>Capsicum frutescens</i> (pepper)	Italy	1	1		N. Y.
<i>Cucurbita maxima</i> (squash)	do.		1		N. Y.
<i>Sorghum vulgare technicum</i> (broomcorn)	do.	12	2		Calif.,* La., Md., Mass., Minn., Tex.
<i>Zea mays</i> (corn)	do.	1		1	N. Y.
<i>Renocis mexicanus</i> Blkm. (Scolytidae):					
Wood	Mexico	1			Ill.
<i>Reticulitermes speratus</i> (Kolbe) (Rhinotermitidae):					
<i>Paeonia suffruticosa</i> (tree peony)	Japan			1	Calif.*
<i>Rhagoletis cerasi</i> (L.) (Tephritidae):					
<i>Prunus</i> sp. (cherry)	Austria, England, France, Germany, Italy, Portugal, Spain, Sweden.	17	11		Mass., N. Y.
<i>Rhagoletis completa</i> Cr. (Tephritidae):					
<i>Juglans</i> sp. (walnut)	Mexico	1			Tex.
<i>Rhagoletis juglans</i> Cress. (Tephritidae):					
<i>Juglans nigra</i> (black walnut)	do.	1			Tex.
<i>Rhagoletis pomonella</i> (Walsh) (Tephritidae):					
<i>Malus sylvestris</i> (apple)	Canada, Mexico, Union of South Africa.	9	2		N. Y., Tex.
<i>Rhagoletis pomonella</i> (Walsh) (?) (Tephritidae):					
<i>Malus sylvestris</i>	Unknown		1		N. Y.
<i>Rhinochenus stigma</i> (L.) (Curculionidae):					
<i>Vicia faba</i> (broadbean)	Trinidad		1		Tex.
<i>Rhopalosiphum subterraneum</i> Mason (Aphidae):					
<i>Capsicum frutescens grossum</i> (bell pepper)	Mexico	1			Ariz.
<i>Lycopersicon esculentum</i> (tomato)	do.	1			Ariz.
<i>Rhyarochromus chiragra</i> (F.) (Lygaeidae):					
Nursery stock	Germany			1	Md.
Soil around roots of <i>Quercus</i> sp.	Switzerland			1	N. J.
<i>Ribua innoxia</i> Hein. (Phycitidae):					
<i>Ananas comosus</i> (pineapple)	Cuba	13			N. Y.
<i>Scyphophorus acupunctatus</i> Gyll. (Curculionidae):					
<i>Agave parviflora</i>	Mexico			1	N. J.
<i>Agave</i> sp.	do.	1			Tex.
<i>Selenothrips rubrocinctus</i> (Giard) (Thripidae):					
<i>Rosa</i> sp.	do.		1		Tex.
<i>Sesamia cretica</i> Led. (Phalaenidae):					
<i>Sorghum vulgare technicum</i> (broomcorn)	Greece, Italy	47	1		Calif.,* Fla., Fla.,* La., Md., Mass., N. Y., Pa.
<i>Zea mays</i> (corn)	Italy	1			N. Y.
<i>Sinozyton anale</i> Lesne (Bostrichidae):					
Wood	India	9			N. Y.
<i>Sinozyton crassum</i> Lesne (Bostrichidae):					
Wood	do.	1			Calif.*
<i>Sisamnes contractus</i> Dist. (Lygaeidae):					
<i>Ananas comosus</i> (pineapple)	Mexico	4			Tex.
<i>Sitona crinita</i> (Hbst.) (Curculionidae):					
<i>Brassica oleracea capitata</i> (cabbage)	Algeria		1		Va.
<i>Sitona hispidula</i> (F.) (Curculionidae):					
Soil around rocky plants	Canada			1	Wash.
<i>Sitona humeralis</i> Steph. (Curculionidae):					
Woods moss around <i>Fagus</i> sp. plants	Denmark			1	N. J.
<i>Sitona lineata</i> (L.) (Curculionidae):					
Peat moss around rhododendron plants	Netherlands			1	N. J.

List of pests (insects) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonconsumption	Propagation	
<i>Sizeonotus luteiceps</i> Reuter (Miridae):					
Cactus	Mexico			3	Tex.
<i>Ferocactus echidne</i> (cactus)	do			1	Tex.
<i>Mammillaria</i> sp. (cactus)	do			3	Tex.
<i>Spartea villosus</i> (F.) (Bruchidae):					
<i>Cytisus scoparius</i> (Scotch broom)	Italy			1	N. J.
<i>Lens culinaris</i> (lentil)	do	1			N. Y.
<i>Spartium junceum</i> (weavers-broom)	do			1	N. J.
<i>Specularius impressithorax</i> (Pic) (Bruchidae):					
<i>Erythrina</i> sp.	Union of South Africa			1	Calif.*
<i>Sphenarches caffer</i> (Zell.) (Pterophoridae):					
<i>Cajanus cajan</i> (pigeonpea)	Trinidad	1			N. Y.
<i>Stenocarus fuliginosus</i> Marsh (Curculionidae):					
<i>Ribes</i> sp.	Germany			1	Calif.*
<i>Stenoma anonella</i> Sepp. (Stenomidae):					
<i>Annona cherimola</i> (cherimoya)	Brazil	1			N. Y.
<i>Annona muricata</i> (sourp)	Jamaica, Panama	2			Fla.,* La.
<i>Stenoma catenifer</i> Wism. (Stenomidae):					
<i>Persea americana</i> (avocado)	Canal Zone, Costa Rica, Dominican Republic, Ecuador, Honduras, Mexico, Panama, Venezuela, unknown.		14	10	Ala., Calif.,* La., N. Y., Pa., Tex.
<i>Stephanoderes buscki</i> Hopk. (Scolytidae):					
<i>Caesalpinia</i> sp.	Canal Zone			1	N. J.
<i>Stephanoderes hampei</i> (Ferr.) (Scolytidae):					
<i>Coffea</i> sp. (coffee)	Brazil		1		Md.
<i>Stephanoderes lecontei</i> Hopk. (Scolytidae):					
<i>Cajanus cajan</i> (pigeonpea)	St. Vincent	1			Mass.
<i>Strophosoma capitatum</i> (Deg.) (Curculionidae):					
<i>Rosa</i> sp.	Netherlands			1	N. Y.
<i>Strophosoma melanogrammum</i> (Forst.) (Curculionidae):					
<i>Petroselinum crispum</i> (parsley)	Canada	1			Wash.
<i>Rhododendron</i> sp.	England			1	Wash.
<i>Strophosoma retusum</i> (Marsh.) (?) (Curculionidae):					
<i>Calluna</i> sp.	England	1			N. J.
<i>Systole geniculata</i> Foerst. (Eurytomidae):					
<i>Coriandrum sativum</i> (coriander)	Ethiopia			1	D. C.
<i>Tadias erirhinoides</i> Pasc. (Curculionidae):					
Orchid	Philippines			1	Calif.*
<i>Taeniothrips atratus</i> (Hal.) (Thripidae):					
<i>Calluna vulgaris</i> (heather)	Scotland, Sweden	2			Md., N. Y.
<i>Centaurea cyanus</i> (bachelors button)	Netherlands	1			N. Y.
<i>Dianthus</i> sp. (carnation)	England, Germany, Scotland, Sweden	10			N. J., N. Y.
<i>Rosa</i> sp.	Unknown		1		N. Y.
Soil on roots of plant	England			1	N. J.
<i>Tulipa</i> sp. (tulip)	do			1	N. Y.
<i>Taeniothrips dianthi</i> Pr. (Thripidae):					
<i>Dianthus</i> sp. (carnation)	Germany, Switzerland, unknown.	1	1	1	Calif.,* N. Y.
<i>Taeniothrips ericae</i> (Hal.) (Thripidae):					
<i>Calluna vulgaris</i> (heather)	England	1			N. Y.
<i>Taeniothrips hawaiiensis</i> (Morg.) (Thripidae):					
<i>Canavalia</i> sp.	Hawaii	5			Calif.*
<i>Dianthus</i> sp.	Hawaii, Philippines	3			Calif.,* Hawaii.
Flower leis	Hawaii	2			Calif.*
<i>Gardenia augusta</i> (gardenia)	do	2			Calif.*
<i>Mesembryanthemum</i> sp.	do	1			Calif.*
<i>Taeniothrips picipes</i> (Zett.) (Thripidae):					
<i>Primula</i> sp. (primrose)	England			1	N. J.
<i>Talponia batesi</i> Hein. (Olethreutidae):					
<i>Annona cherimola</i> (cherimoya)	Mexico	2			Tex.
<i>Annona reticulata</i> (custard-apple)	do	1			Tex.
" <i>Targionia</i> " bromilidae (Leon.) (Coccidae):					
<i>Ananas comosus</i> (pineapple)	do	15		1	Tex.

List of pests (insects) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
" <i>Targionia</i> " <i>cuerdoensis</i> (Ckll.) (Coccidae): <i>Pithecellobium dulce</i> (guamachil)-----	Mexico-----	1			Calif.
" <i>Targionia</i> " <i>hartii</i> (Ckll.) (Coccidae): <i>Dioscorea</i> sp. (yam)-----	Antigua, Barbados, Cuba, Gold Coast, Grand Cayman, Nevis, St. Kitts, St. Lucia.	10	1	1	D. C., Fla.,* Mass., N. Y.
" <i>Targionia</i> " <i>sacchari</i> (Ckll.) (Coccidae): <i>Saccharum officinarum</i> (sugarcane)-----	Cuba, Puerto Rico-----	2			Fla.,* N. Y.
<i>Tarsonemus laticeps</i> Halb. (Tarsonemidae): <i>Narcissus</i> sp-----	Netherlands-----			1	N. J.
<i>Tenthecoris angustimarginatus</i> Hsiao & Sailer (Miridae): Orchid-----	Mexico-----			3	Tex.
<i>Tenthecoris bicolor</i> Scott (Miridae): Orchid-----	Honduras, Mexico-----			4	N. J., Tex.
<i>Tenthecoris confusus</i> Hsiao & Sailer (Miridae): Orchid-----	Mexico-----			4	Tex.
<i>Tenthecoris distinguendus</i> Hsiao & Sailer (Miridae): <i>Cynoches chlorochiton</i> (orchid)-----	Canal Zone-----			1	Calif.*
<i>Tenthecoris orchidearum</i> Reuter (Miridae): Orchid-----	Brazil-----			1	Fla.
<i>Tenthecoris venezuelensis</i> Hsiao & Sailer (Miridae): <i>Cattleya</i> sp (orchid)-----	Venezuela-----			2	N. J.
<i>Tetaleurodes acaciae</i> (Q.) (Aleyrodidae): <i>Brya</i> sp. (?)-----	Jamaica-----			1	Fla.
<i>Chamaedorea</i> sp. (palm)-----	Mexico-----	1			Tex.
Leaf—unknown-----	do-----	1			Tex.
<i>Thamnophthorus schwarzi</i> Btkm. (Scolytidae): <i>Persea americana</i> (avocado)-----	do-----	1			Tex.
<i>Thamnotettix hyalinipennis</i> (Stal) (Cicadellidae): <i>Anthurium</i> sp-----	Trinidad-----	1			N. Y.
<i>Thrips angusticeps</i> Uzel (Thripidae): <i>Dianthus</i> sp., <i>Iris</i> sp., & <i>Lathyrus</i> sp-----	Japan-----	1			Wash.
<i>Zantedeschia aethiopica</i> (calla lily)-----	Italy-----	1			N. Y.
<i>Tingis cardui</i> (L.) (Tingidae): <i>Calluna</i> sp-----	Great Britain-----	1			N. Y.
<i>Tmetomorpha bitias</i> (Druce) (Geometridae): Airplane-----	Panama-----		1		La.
<i>Trialeurodes intermedia</i> Russell (?) (Aleyrodidae): <i>Quercus</i> sp. (oak)-----	Mexico-----		1		Ariz.
<i>Trialeurodes lauri</i> (Sign.) (Aleyrodidae): <i>Laurus nobilis</i> (Grecian laurel)-----	Italy-----		1		N. Y.
<i>Laurus</i> sp-----	Belgium-----		1		N. Y.
<i>Trialeurodes vitrinellus</i> Ckll. (Aleyrodidae): <i>Citrus paradisi</i> (grapefruit)-----	Mexico-----		1		Tex.
<i>Trichobaris mucorea</i> (Lec.) (Cruculionidae): <i>Physalis</i> sp. (husk tomato)-----	do-----	1			Tex.
<i>Trionymus sacchari</i> (Ckll.) (Coccidae): <i>Saccharum officinarum</i> (sugarcane)-----	do-----	1			Tex.
<i>Trioza magnoliae</i> (Ashm.) (Psyllidae): <i>Laurus nobilis</i> (Grecian laurel)-----	do-----	1			Tex.
<i>Trupanea stellata</i> (Fuessly) (Tephritidae): <i>Chrysanthemum</i> sp-----	Italy-----	1			Ill.
<i>Unaspis citri</i> (Comst.) (Coccidae): <i>Citrus paradisi</i> (grapefruit)-----	Cuba-----		1		Calif.*
<i>Citrus sinensis</i> (orange)-----	Colombia-----		1		Calif.*
<i>Unaspis euonymi</i> (Comst.) (Coccidae): <i>Euonymus</i> sp-----	Yugoslavia-----		1		N. Y.
<i>Unaspis yanonensis</i> (Kuw.) (Coccidae): <i>Citrus limon</i> (lemon)-----	Japan-----		6		Calif.*
<i>Citrus paradisi</i> (grapefruit)-----	do-----		1		Calif.*
<i>Citrus reticulata</i> (Mandarin orange)-----	China, Japan-----	2	7		Alaska, Calif.*
<i>Citrus sinensis</i> (orange)-----	Japan-----		18		Calif.,* Hawaii.

List of pests (insects) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Vinsonia stellifera</i> (Westw.) (Coccidae):					
<i>Anthurium</i> sp.-----	Trinidad-----			2	Fla.
<i>Aspasia epidendroides</i> (orchid)-----	Canal Zone-----			1	N. J.
<i>Aspasia</i> sp.-----	do-----			1	Fla.
<i>Broughtonia</i> sp. (orchid)-----	Jamaica-----			1	Fla.
<i>Cattleya</i> sp. (orchid)-----	Antigua-----			1	N. J.
<i>Dendrobium</i> sp. (orchid)-----	Venezuela-----			1	N. J.
<i>Oncidium ampliatus</i> (orchid)-----	Canal Zone-----			1	Tex.
Orchid-----	Brazil, Canal Zone, Caroline Islands, Jamaica, St. Kitts, Trinidad, Virgin Islands.			16	Calif.,* Fla., N. J.
<i>Peristeria elata</i> (holy-ghost-flower)-----	Canal Zone-----			1	Hawaii.
<i>Xylobiops texanum</i> (Horn) (Bostrichidae):					
<i>Ananas comosus</i> (pineapple)-----	Mexico-----	1			Tex.
Herb-----	do-----	1			Tex.

Hosts and insects

- ABIES:**
Laspeyresia strobilella (Lepidoptera)
- ACACIA:**
Ezptochiomeria albomaculata (Hemiptera)
Pantomorus godmani (Coleoptera)
- ACHRAS:**
Anastrepha serpentina (Diptera)
- AGAVE:**
Pseudodiaspis yuccae (Homoptera)
Scyphophorus acupunctatus (Coleoptera)
- ALLIUM PORRUM:**
Acrolepia assectella (Lepidoptera)
Pieris brassicae (Lepidoptera)
- ALLIUM SATIVUM:**
Aceria tulipae (Acarina)
Brachycerus albidentatus (Coleoptera)
Brachycerus algeris (Coleoptera)
Bruchus ervi (Coleoptera)
Dyspessa ulula (Lepidoptera)
Farmena balteus (Coleoptera)
- ALNUS:**
Microleon longipalpis (Lepidoptera)
- ALOE:**
Aleophagus myersi (Homoptera)
- ALPINIA:**
Pulvinaria psidii (Homoptera)
- ANACAMPSEOS:**
Asterolecanium brytae (Homoptera)
- ANANAS:**
Alpheias conspirata (Lepidoptera)
Chalcodermus dentiferus (Coleoptera)
Eutheola bidentata (Coleoptera)
Eurythmia santiagella (Lepidoptera)
Ezptochiomeria albomaculata (Hemiptera)
Genopaschia protomis (?) (Lepidoptera)
Noropsis hieroglyphica (Lepidoptera)
Pheidole megacephala (Hymenoptera)
Platynota rostrana (Lepidoptera)
Ribbia innoxia (Lepidoptera)
Sisamnes contractus (Hemiptera)
"Targionia" bromiliae (Homoptera)
Xylobiops texanum (Coleoptera)
- ANNONA:**
Ceratitis capitata (Diptera)
Stenoma anonella (Lepidoptera)
Talponia batesi (Lepidoptera)
- ANTHURIUM:**
Ceroplastes rubens (Homoptera)
Chrysomphalus umboniferus (Homoptera)
Parthenothrips dracaena (Thysanoptera)
Pulvinaria psidii (Homoptera)
Thamnotettix hyalinapennis (Hemiptera)
Vinsonia stellifera (Homoptera)
- ANTIRRHINUM:**
Cyrtopeltis varians (Hemiptera)
Haplothrips gowdeyi (Thysanoptera)
- APIUM:**
Deroceras reticulatum (Mollusca)
Hyadaphis apii (Homoptera)
- ARCTIUM:**
Pyrausta nubilalis (Lepidoptera)
- ARCTOTIS:**
Pulvinaria psidii (Homoptera)
- ASPARAGUS:**
"Chionaspis" stanotophri (Homoptera)
- ASPASIA:**
Vinsonia stellifera (Homoptera)
- ATTALEA:**
Asterolecanium truncatum (Homoptera)
- BAMBOO:**
Asterolecanium bambusae (Homoptera)
Asterolecanium milaris milaris (Homoptera)
Dinoderus brevis (Coleoptera)
Micrapate labialis (Coleoptera)
- BEGONIA:**
Aleurodicus dugesii (Homoptera)
Brachyrhinus sulcatus (Coleoptera)
Haplothrips gowdeyi (?) (Thysanoptera)
- BERBERIS:**
Liosomaphis berberidis (Homoptera)
- BETA:**
Lixus junci (Coleoptera)
Pachyzancla bipunctalis (Lepidoptera)
- BETULA:**
Oligotrophus betulae (Diptera)
- BOUGAINVILLEA:**
Orthesia praelonga (Homoptera)
- BRASSAVOLA:**
Pseudischnaspis alienus (Homoptera)
- BRASSIA:**
Puto ulter (Homoptera)
- BRASSICA CHINENSIS:**
Lygus lucorum (Hemiptera)
- BRASSICA OLERACEA ACEPTALA:**
Evergestis forficatis (Lepidoptera)
- BRASSICA OLERACEA BOTRYTIS:**
Evergestis forficatis (Lepidoptera)
Leptophobia aripa (Lepidoptera)
Mamestra brassicae (Lepidoptera)
Phytomyza rufipes (Diptera)
- BRASSICA OLERACEA CAPITATA:**
Deroceras reticulatum (Mollusca)
Evergestis forficatis (Lepidoptera)
Mamestra brassicae (Lepidoptera)
Monomorium destructor (Hymenoptera)
Pachyzancla bipunctalis (Lepidoptera)
Pieris brassicae (Lepidoptera)
Sitona crinita (Coleoptera)
- BRASSICA SP.:**
Anaphothrips obscurus (Thysanoptera)
- BROMELIAD:**
Orthodes melanops (Lepidoptera)
- BROUGHTONIA:**
Vinsonia stellifera (Homoptera)
- BRYA:**
Tetraleurodes acaciae (Homoptera)
- BRYOPHYLLUM:**
Frankliniella cubensis (Thysanoptera)
- BURLINGTONIA:**
Asterolecanium epidendri (Homoptera)
- BUXUS:**
Psylla buxi (Homoptera)
- CACTUS:**
Gerstaeckeria mutillaria (Coleoptera)
Hemileuca oliviae (Lepidoptera)
Pseudodiaspis yuccae (Homoptera)
Puto lasiorum (Homoptera)
Sizeonolus luteiceps (Hemiptera)
- CAESALPINTA:**
Minosestes dominicana (Coleoptera)
Stephanoderes buscki (Coleoptera)
- CAJANUS:**
Acanthoscelides armitagei (Coleoptera)
Ancylostomia stercora (Lepidoptera)
Lampides boeticus (Lepidoptera)
Maruca testulalis (Lepidoptera)
Sphenarches caffer (Lepidoptera)
Stephanoderes lecontei (Coleoptera)
- CALLUNA:**
Arctorthesia cataphracta (Homoptera)
Gelechia ericetella (Lepidoptera)
Lochnaea capreae (Coleoptera)
Orthotylus ericetorum (Hemiptera)
Strophosoma retusus (?) (Coleoptera)
Taeniothrips atratus (Thysanoptera)
Taeniothrips ericae (Thysanoptera)
Tingis cardui (Hemiptera)
- CALOCARPUM:**
Chrysomphalus ritchiei (Homoptera)
- CALOTROPIS:**
Haplothrips gowdeyi (Thysanoptera)
- CAMELLIA:**
Aleurotuberculatus similis (Homoptera)
Ceroplastes ceriferus (Homoptera)
Parlatoria camelliae (Homoptera)
- CANAVALIA:**
Haplothrips gowdeyi (Thysanoptera)
Lampides boeticus (Lepidoptera)
Maruca testulalis (Lepidoptera)
Taeniothrips hawaiiensis (Thysanoptera)
- CAPSICUM:**
Gnorimoschema gudmannella (Lepidoptera)
Platynota rostrana (Lepidoptera)
Pyrausta nubilalis (Lepidoptera)
Rhopalosiphum subterraneum (Homoptera)
- CARICA:**
Lichtensia lutea (Homoptera)
- CASSIA:**
Aganactesis indecora (Lepidoptera)
Caryedon fuscus (Coleoptera)
- CASTANEA:**
Curculio elephas (Coleoptera)
Hemimene juliana (Lepidoptera)
Laspeyresia juliana (Lepidoptera)

Hosts and insects—Continued

CASTANEA—Continued

Laspeyresia splendana (Lepidoptera)

CASUARINA:

Leucaspis candida (Homoptera)*Leucaspis loewi* (Homoptera)

CATTLEYA:

Aleuroglandulus emmae (Homoptera)*Asterolecanium epidendri* (Homoptera)*Chrysomphalus tenax* (Homoptera)*Chrysomphalus umboniferus* (Homoptera)*Deroceras reticulatum* (Mollusca)*Eurytoma orchidearum* (Hymenoptera)*Furcaspis bifurmis* (Homoptera)*Iridomyrmex iniquus* (Hymenoptera)*Mordellistena catleyana* (Coleoptera)*Parlatoria pseudaspidiolus* (Homoptera)*Pseudischaspis alienus* (Homoptera)*Tenthercoris venezuelensis* (Hemiptera)*Vinsonia stellifera* (Homoptera)

CEDRUS:

Aspidiotus pseudomeyeri (Homoptera)*Lineaspis striata* (Homoptera)

CELOSIA:

Ligyrocoris aurivilliana (Hemiptera)

CENTAUREA:

Taeniothrips atratus (Thysanoptera)

CEROPEGIA:

"Chionaspis" indigoferae (Homoptera)

CHAENOMELES:

Ceroplastes rubens (Homoptera)

CHAMAEDOREA:

Tetraleurodes acaciae (Homoptera)

CHRYSANTHEMUM:

Cacoecia pronubana (Lepidoptera)*Capitophorus formosanus* (Homoptera)*Cnephasia virgaureana* (Lepidoptera)*Deroceras reticulatum* (Mollusca)*Myrmica laevinodis* (Hymenoptera)*Phytomyza atricornis* (Diptera)*Trupanea stellata* (Diptera)

CHRYSOPHYLLUM:

Anastrepha serpentina (Diptera)

CICER:

Ancylostomia stercorea (Lepidoptera)

CIRSIIUM:

Capitophorus carduinus (Homoptera)

CITRUS AURANTIFOLIA:

Aleurocanthus woglumi (Homoptera)*Anastrepha ludens* (Diptera)*Leucaspis cockerelli* (Homoptera)*Parlatoria cinerea* (Homoptera)*Parlatoria zizyphus* (Homoptera)

CITRUS AURANTIUM (?):

Leucaspis cockerelli (Homoptera)

CITRUS LIMON:

Argyroploce leucotreta (Lepidoptera)*Ceratitidis capitata* (Diptera)*Cryptoblabes gnidiella* (Lepidoptera)*Leucaspis cockerelli* (Homoptera)*Morganella longispina* (Homoptera)*Parlatoria cinerea* (Homoptera)*Parlatoria zizyphus* (Homoptera)*Unaspis yanonensis* (Homoptera)

CITRUS PARADISI:

Anastrepha ludens (Diptera)*Ceratitidis capitata* (Diptera)*Leucaspis cockerelli* (Homoptera)*Parlatoria cinerea* (Homoptera)*Parlatoria zizyphus* (Homoptera)*Tetraleurodes vitrinellus* (Homoptera)*Unaspis citri* (Homoptera)*Unaspis yanonensis* (Homoptera)

CITRUS RETICULATA:

Aleurocanthus woglumi (Homoptera)*Aleurolobus marlatti* (Homoptera)*Argyroploce leucotreta* (Lepidoptera)*Ceratitidis capitata* (Diptera)*Leucaspis cockerelli* (Homoptera)*Parlatoria zizyphus* (Homoptera)*Unaspis yanonensis* (Homoptera)

CITRUS SINENSIS:

Aleurocanthus woglumi (Homoptera)*Aleurothrixus floccosus* (Homoptera)*Anastrepha fraterculus* (Diptera)

CITRUS SINENSIS—Continued

Anastrepha ludens (Diptera)*Anastrepha serpentina* (?) (Diptera)*Argyroploce leucotreta* (Lepidoptera)*Ceratitidis capitata* (Diptera)*Chaetanaphothrips orchidii* (Thysanoptera)*Chrysomphalus personatus* (Homoptera)*Cryptoblabes gnidiella* (Lepidoptera)*Gymnandrosoma aurantium* (Lepidoptera)*Leucaspis cockerelli* (Homoptera)*Parlatoria cinerea* (Homoptera)*Parlatoria zizyphus* (Homoptera)*Pseudonidia trilobitiformis* (Homoptera)*Unaspis citri* (Homoptera)*Unaspis yanonensis* (Homoptera)

CITRUS SP.:

Aleurocanthus woglumi (Homoptera)*Aleuroparadozus gardeniae* (Homoptera)*Aleuroplatus coccolus* (Homoptera)*Aleurothrixus floccosus* (Homoptera)*Dialeurodes citri* (Homoptera)*Dialeurodes citrifolii* (Homoptera)*Exophthalmus roseipes* (Coleoptera)*Leucaspis cockerelli* (Homoptera)

COCOS:

Aonidiella inornata (Homoptera)*Aspidiotus coryphae* (Homoptera)*Aspidiotus destructor* (Homoptera)*Aspidiotus excisus* (Homoptera)*Chrysomphalus personatus* (Homoptera)*Chrysomphalus tingi* (Homoptera)*Ereunetis flavistriata* (Lepidoptera)*Ferrisiana virgata* (Homoptera)*Lepidosaphes mcgregori* (Homoptera)*Phenacaspis sanduicensis* (Homoptera)*Pseudococcus palmarum* (Homoptera)

CODIAEUM:

Lepidosaphes tokionis (Homoptera)*Parlatoria erolonis* (Homoptera)

COELOGYNE:

Chrysomphalus nulliporus (Homoptera)*Lepidosaphes tuberculata* (Homoptera)

COFFEA:

Ceratitidis capitata (Diptera)*Coccus viridis* (Homoptera)*Stephanoderes hampei* (Coleoptera)

COPAIFERA:

Draeculacephala lenticula (Hemiptera)*Platypus rugulosus* (Coleoptera)

CORDYLINAE:

Pulvinaria psidii (Homoptera)

CORIANDRUM:

Frankliniella cubensis (Thysanoptera)*Systole geniculata* (Hymenoptera)

CORNUS:

Lygus campestris (Hemiptera)

CORYLUS:

Curculio nucum (Coleoptera)

CRATAEGUS:

Ceroplastes rubens (Homoptera)

CRYPTOSTEGIA:

Heteropsylla texana (Homoptera)

CUCUMIS:

Dacus cucurbitae (Diptera)*Dacus dorsalis* (Diptera)

CUCURBITA:

Pyrusta nubilalis (Lepidoptera)

CUPRESSUS:

Epinotia tessulatana (Lepidoptera)*Lepidosaphes pallida* (Homoptera)

CURCUMA:

Paraputo taraktogeni (Homoptera)

CYBISTAX:

Acanthoderes circumflexa (Coleoptera)

CYCAD:

Cryptoblabes gnidiella (Lepidoptera)

CYCNOCHES:

Tenthercoris distinguendus (Hemiptera)

CYDONIA:

Anastrepha ludens (Diptera)*Ceratitidis capitata* (Diptera)*Grapholita packardii* (Lepidoptera)

CYMBIDIUM:

Lepidosaphes tuberculata (Homoptera)

Hosts and insects—Continued

- CYNARA:**
Anuraphis cynaræ (?) (Homoptera)
Apion carduorum (Coleoptera)
Iridomyrmex humilis (Hymenoptera)
- CYPRIPEDIUM:**
Parlatoria pseudaspidotus (Homoptera)
- CYTISUS:**
Sparticus villosus (Coleoptera)
- DAHLIA:**
Gortyna flavago (Lepidoptera)
- DAISY:**
Pantomorus godmani (Coleoptera)
- DAUCUS:**
Haplothrips gowdeyi (Thysanoptera)
Loxostege similalis (Lepidoptera)
Mamestra brassicae (Lepidoptera)
Phalonia zephyrana (Lepidoptera)
- DELONIX:**
Ferrisiana virgata (Homoptera)
- DENDROBIUM:**
Chrysomphalus nulliporus (Homoptera)
Vinsonia stelleri (Homoptera)
- DERRIS:**
Dinoderus bifoveolatus (Coleoptera)
- DIANTHUS:**
Cacoecia pronubana (Lepidoptera)
Haplothrips gowdeyi (Thysanoptera)
Taeniothrips atratus (Thysanoptera)
Taeniothrips dianthi (Thysanoptera)
Taeniothrips hawaiiensis (Thysanoptera)
- DIOSCOREA:**
Monomorium destructor (Hymenoptera)
"Targionia" hartii (Homoptera)
- DIOSPYROS:**
Ceratitidis capitata (Diptera)
Ceroplastes rubens (Homoptera)
Lepidosaphes conchiformis (Homoptera)
Parlatoria oleae (Homoptera)
- DOLICHOS:**
Callosobruchus phaseoli (Coleoptera)
- EPIDENDRUM:**
Chrysomphalus tenax (Homoptera)
Conchaspis angræci (Homoptera)
Furcaspis biformis (Homoptera)
Puto ulter (Homoptera)
- ERANTHEMUM:**
Frankliniella cubensis (Thysanoptera)
- ERYTHRINA:**
Specularius impressithorax (Coleoptera)
- EUONYMUS:**
Unaspis euonymi (Homoptera)
- EUPHORBIA:**
Platynota rostrana (Lepidoptera)
- FEROCACTUS:**
Sisonotus luteiceps (Hemiptera)
- FICUS:**
Ceratitidis capitata (Diptera)
Ceroplastes ruscii (Homoptera)
Coccus viridis (Homoptera)
Gynaikothrips ficorum (Thysanoptera)
Homotoma ficus (Homoptera)
Iridomyrmex humilis (Hymenoptera)
Lepidosaphes ficus (Homoptera)
Pulvinaria psidii (Homoptera)
- FRAGARIA:**
Cacoecia pronubana (Lepidoptera)
- GARCINIA:**
Aspidiotus destructor (Homoptera)
- GARDENIA:**
Aleurotuberculus jasmini (Homoptera)
Ceroplastes rubens (Homoptera)
Coccus viridis (Homoptera)
Dialeurodes citri (Homoptera)
Dialeurodes citrifolii (Homoptera)
Dialeurodes kirkaldyi (Homoptera)
Dysdercus mimulus (Hemiptera)
Eucalymnatus tessellatus (Homoptera)
Ferrisiana virgata (Homoptera)
Orthetia praelonga (Homoptera)
Protopulvinaria longivalvata (Homoptera)
Protopulvinaria pyriformis (Homoptera)
Taeniothrips hawaiiensis (Thysanoptera)
- GENTIANA:**
Nemotois violellum (?) (Lepidoptera)
- GLADIOLUS:**
Ezophthalmus laetus (Coleoptera)
- GOSSYPIUM:**
Pectinophora gossypiella (Lepidoptera)
- GRAMMATOPHYLLUM:**
Ceroplastes rubens (Homoptera)
Mertila malayensis (Hemiptera)
- GREVILLEA:**
Icerya aegyptiaca (Homoptera)
- GUAJACUM:**
Aleurothrix floccosus (Homoptera)
Neoclytus cacticus (Coleoptera)
Paraleyrodes goyabae (Homoptera)
- HEDYCHUM:**
Paraputo taraklogeni (Homoptera)
- HELICHRYSUM:**
Haplothrips gowdeyi (Thysanoptera)
- HEUCHERA:**
Hypera nigrostris (Coleoptera)
- HIBISCUS:**
Aleurocanthus woglumi (Homoptera)
Conchaspis angræci (Homoptera)
Frankliniella cubensis (Thysanoptera)
Pectinophora gossypiella (Lepidoptera)
- HYPERICUM:**
Agallia venosa (Hemiptera)
- ILEX:**
Aleuroplatus plumosus (Homoptera)
Notochilus damryi (Hemiptera)
- IPOMOEA:**
Cylas femoralis (Coleoptera)
Cylas formicarius elegantulus (Coleoptera)
Euscepes postfasciatus (Coleoptera)
Palaeopus costicollis (Coleoptera)
- ISOLOMA:**
Coccidella americana (Homoptera)
- IXORA:**
Coccus viridis (Homoptera)
- JASMINUM:**
Aonidiella inornata (Homoptera)
Dialeurodes kirkaldyi (Homoptera)
Parlatoria cinerea (Homoptera)
- JUGLANS:**
Monellia costalis (Homoptera)
Myzocallis caryaefoliae (Homoptera)
Rhagoletis completa (Diptera)
Rhagoletis juglans (Diptera)
- JUNIPERUS:**
Lepidosaphes pallida (Homoptera)
"Poliaspis" pini (Homoptera)
- KHAYA:**
Bostrychophiles cornutus (Coleoptera)
Cordylomera spinicornis (Coleoptera)
Heterobostrychus brunneus (Coleoptera)
- LACTUCA:**
Dicyphus annulatus (Hemiptera)
Draeculacephala minerva (Hemiptera)
- LAELIA:**
Asterolecanium epidendri (Homoptera)
- LATHYRUS:**
Haplothrips gowdeyi (Thysanoptera)
Liriomyza congesta (Diptera)
- LAURUS:**
Cacoecia pronubana (Lepidoptera)
Ceroplastes japonicus (Homoptera)
Chrysomphalus paulistae (Homoptera)
Chrysomphalus personatus (Homoptera)
Trialeurodes lauri (Homoptera)
Trioza magnoliae (Homoptera)
- LEMAIREOCEREUS:**
Lepidosaphes philococcus (Homoptera)
- LENS:**
Bruchus rufipes (Coleoptera)
Bruchus signaticornis (Coleoptera)
Sparticus villosus (Coleoptera)
- LEUCOJUM:**
Lampelia equestris (Diptera)
- LILIUM:**
Crioceris lili (Coleoptera)
Frankliniella cubensis (Thysanoptera)
Prodenia eridania (Lepidoptera)
- LONCHOCARPUS:**
Dinoderus bifoveolatus (Coleoptera)
- LYCOPERSICON:**
Dacus cucurbitae (Diptera)
Dacus dorsalis (Diptera)
Dysdercus mimulus (Hemiptera)
Lineodes integra (Lepidoptera)

Hosts and insects—Continued

LYCOPERSICON—Continued

- Neoleucinodes elegantalis* (Lepidoptera)
Rhopalosiphum subterraneum (Homoptera)

MALUS:

- Allantus cinctus* (Hymenoptera)
Anthonomus pomorum (Coleoptera)
Aspidiotus pyri (Homoptera)
Ceratitis capitata (Diptera)
Cryptoblabes gnidiella (Lepidoptera)
Epidiaspis piricola (Homoptera)
Lepidosaphes conchiformis (Homoptera)
Monanthia echii (Hemiptera)
Parlatoria oleae (Homoptera)
Rhagoletis pomonella (Diptera)

MAMMEA:

- Anastrepha serpentina* (Diptera)
Morganella longispina (Homoptera)

MAMMILLARIA:

- Gerstaeckeria multilaria* (Coleoptera)
Sizeonotus luteiceps (Hemiptera)

MANGIFERA:

- Anastrepha ludens* (Diptera)
Anastrepha mombinpraepians (Diptera)
Aulacaspis tubercularis (Homoptera)
Chrysomphalus personatus (Homoptera)
Cryptorhynchus mangiferae (Coleoptera)
Dacus dorsalis (Diptera)
Phenacaspis sandwicensis (Homoptera)
Pseudonidia trilobitiformis (Homoptera)

MARANTA:

- Pinnaspis buxi* (Homoptera)

MELICOCCA:

- Fiorinia nephelii* (Homoptera)

MESEMBRYANTHEMUM:

- Haplothrips gowdeyi* (Thysanoptera)
Taeniothrips hawaiiensis (Thysanoptera)

MONSTERA:

- Pinnaspis buxi* (Homoptera)

MUSA PARADISIACA:

- Aspidiotus destructor* (Homoptera)

MUSA PARADISIACA SAPIENTUM:

- Aspidiotus destructor* (Homoptera)
Chrysomphalus umboniferus (Homoptera)
Cosmopolites sordidus (Coleoptera)
Dacus dorsalis (Diptera)
Metamasius sericeus (Coleoptera)
Metamasius sericeus carbonarius (Coleoptera)

MUSCARI:

- Eosoma lusitanica* (Coleoptera)

MYRTILLOCACTUS:

- Gargaphia patricia* (Hemiptera)
Lepidosaphes philococcus (Homoptera)

NARCISSUS:

- Lampetia equestris* (Diptera)
Tarsonemus laticeps (Acarina)

NERIUM:

- Explochiomera albomaculata* (Hemiptera)
Iridomyrmex humilis (Hymenoptera)
Morganella longispina (Homoptera)

OCHROSIA:

- Dacus dorsalis* (?) (Diptera)

OLEA:

- Dacus oleae* (Diptera)
Euphillippia olivina (Homoptera)
Euphyllura olivina (Homoptera)
Filippia oleae (Homoptera)
Parlatoria oleae (Homoptera)
Phloeotribus scarabaeoides (Coleoptera)
Pollinia pollonii (Homoptera)
Prays oleellus (Lepidoptera)

ONCIDIUM:

- Conchaspis angraei* (Homoptera)
Furcaspis biformis (Homoptera)
Puto ulter (Homoptera)
Vinsonia stellifera (Homoptera)

OPUNTIA:

- Ceratitis capitata* (Diptera)

ORCHID:

- Acroleucus vicinalis* (Hemiptera)
Apion auctum (?) (Coleoptera)
Aspidiotus destructor (Homoptera)
Asterolecanium epidendri (Homoptera)
Chrysomphalus diversicolor (Homoptera)
Chrysomphalus tenax (Homoptera)
Chrysomphalus umboniferus (Homoptera)
Cleogonus armatus (Coleoptera)

ORCHID—Continued

- Clerada apicornis* (Hemiptera)
Conchaspis angraei (Homoptera)
Diorymerellus laevimargo (Coleoptera)
Eurytoma orchidearum (Hymenoptera)
Explochiomera albomaculata (Hemiptera)
Furcaspis biformis (Homoptera)
Genuchinus v-notalus (Coleoptera)
Lecanodiaspis dendrobii (Homoptera)
Lygaeus circumlittatus (Hemiptera)
Lygaeus circumplacatus (Hemiptera)
Malocampa punctata (Lepidoptera)
Mordellistena cattleyana (Coleoptera)
Mormidea collaris (Hemiptera)
Nysius terrestris (Hemiptera)
Parlatoria pseudaspidiotus (Homoptera)
Praeblyssus albofasciatus (Hemiptera)
Pseudischaspis alienus (Homoptera)
Puto mexicanus (Homoptera)
Puto ulter (Homoptera)
Taduis erirhinoides (Coleoptera)
Tenthecoris angustimarginatus (Hemiptera)
Tenthecoris bicolor (Hemiptera)
Tenthecoris confusus (Hemiptera)
Tenthecoris orchidearum (Hemiptera)
Vinsonia stellifera (Homoptera)

ORCHIS:

- Furcaspis biformis* (Homoptera)

ORNITHOGALUM:

- Haplothrips bagalli* (Thysanoptera)
Lampetia equestris (Diptera)

ORYZA:

- Chilo simplex* (Lepidoptera)

PAEONIA:

- Lepidosaphes kuwacola* (Homoptera)
Reticulitermes speratus (Isoptera)

PALM:

- Aspidiotus herculeanus* (Homoptera)
Chrysomphalus sphaeroides (Homoptera)
Dinoderus bifoveolatus (Coleoptera)
Dysdercus mimulus (Hemiptera)
Furcaspis biformis (Homoptera)
Lepidosaphes mcgregori (Homoptera)
Pinnaspis buxi (Homoptera)
Pseudischaspis alienus (Homoptera)

PANDANUS:

- Pseudococcus giffardi* (Homoptera)

PASSIFLORA:

- Frankliniella cubensis* (Thysanoptera)

PERISTERIA:

- Vinsonia stellifera* (Homoptera)

PERSEA:

- Anastrepha ludens* (Diptera)
Aspidiotus destructor (Homoptera)
Ceratitis capitata (Diptera)
Conotrachelus aguacatae (Coleoptera)
Conotrachelus perseae (Coleoptera)
Dacus dorsalis (Diptera)
Explochiomera albomaculata (Hemiptera)
Stenomoma catenifer (Lepidoptera)
Thamnophthorus schwarzi (Coleoptera)

PETIVERIA:

- Cylas formicarius elegantulus* (Coleoptera)

PETROSELINUM:

- Strophosoma melanogrammmum* (Coleoptera)

PHASEOLUS LUNATUS MACROCARPUS:

- Maruca testulalis* (Lepidoptera)

PHASEOLUS VULGARIS:

- Acanthoscelides obvelatus* (Coleoptera)

PHASEOLUS VULGARIS VAR.:

- Epinotia opposita* (Lepidoptera)
Evers comynatus (Lepidoptera)
Fundella pellucens (Lepidoptera)
Lampides boeticus (?) (Lepidoptera)
Maruca testulalis (Lepidoptera)

PHILODENDRON:

- Apsychomyrmex tristiani* (Hymenoptera)
Chrysomphalus nigropunctatus (Homoptera)
Chrysomphalus sphaeroides (Homoptera)
Chrysomphalus tenax (Homoptera)
Iridomyrmex iniquus (Hymenoptera)
Lepidosaphes carinata (Homoptera)
Pinnaspis buxi (Homoptera)

PHOENIX:

- Coccytrypes dactylipera* (Coleoptera)
Dinoderus bifoveolatus (Coleoptera)

Hosts and insects—Continued

PHYSALIS:

Trichobaris mucorea (Coleoptera)

PICEA:

Hylurgops palliatus (Coleoptera)

Laspeyresia strobilella (Lepidoptera)

Pityogenes chalcographus (Coleoptera)

PINUS:

Aspidiotus abietis (Homoptera)

Aspidiotus corticis-pini (Homoptera)

Dendroctonus mexicanus (Coleoptera)

Dryocoetes autographus (Coleoptera)

Dryocoetes septentrionis (Coleoptera)

Hylurgops palliatus (Coleoptera)

Leucaspis loewi (Homoptera)

Pityogenes bidentatus (Coleoptera)

Pityogenes chalcographus (Coleoptera)

Poliaspis pini (Homoptera)

PISTACIA:

Megastigmus pistaciae (Hymenoptera)

PISUM:

Laspeyresia nigricana (Lepidoptera)

PITHECELLOBIUM:

"*Targionia*" *cueruensis* (Homoptera)

PRIMULA:

Taeniothrips picipes (Thysanoptera)

PRUNUS ARMENIACA:

Ceratitis capitata (Diptera)

Lecanium coryli (Homoptera)

Nilotaspis halli (Homoptera)

Parlatoria oleae (Homoptera)

PRUNUS CERASUS:

Iridomyrmex iloi abbotti (Hymenoptera)

PRUNUS DOMESTICA:

Ceratitis capitata (?) (Diptera)

Epidiaspis piricola (Homoptera)

Parlatoria oleae (Homoptera)

Pseudococcus gahani (Homoptera)

PRUNUS PERSICA:

Anastrepha fraterculus (Diptera)

Anastrepha ludens (Diptera)

Ceratitis capitata (Diptera)

Grapholitha molesta (Lepidoptera)

PRUNUS PERSICA NECTARINA:

Ceratitis capitata (Diptera)

Epidiaspis piricola (Homoptera)

PRUNUS SP. (cherry):

Rhagoletis cerasi (Diptera)

PRUNUS SP. (wild plum):

Anthonomus scutellaris (Coleoptera)

PSIDIUM:

Aleuroglandulus emmae (Homoptera)

Aleurothrix floccosus (Homoptera)

Anastrepha ludens (Diptera)

Anastrepha mombinpraeoptans (?) (Diptera)

Anastrepha striata (Diptera)

Anastrepha suspensa (Diptera)

Ceratitis capitata (Diptera)

PUERARIA:

Callosobruchus ademptus (Coleoptera)

PUNICA:

Anastrepha ludens (Diptera)

Ceratitis capitata (Diptera)

Cryptoblabes gnidiella (Lepidoptera)

Myelois ceratoniae (Lepidoptera)

PYRUS:

Anastrepha ludens (Diptera)

Carposina sasakii (Lepidoptera)

Ceratitis capitata (Diptera)

Grapholitha molesta (Lepidoptera)

QUERCUS:

Curlucio elephas (Coleoptera)

Trialeurodes intermedia (?) (Homoptera)

RANUNCULUS:

Aphis rhamni (?) (Homoptera)

RHODODENDRON:

Coeliodes rubicundus (Coleoptera)

Dialeurodes chiltendeni (Homoptera)

Gracilaria azalella (Lepidoptera)

Masonaphis rhododendri (Homoptera)

Nematus bergmanni (Hymenoptera)

Newsteadia floccosa (Homoptera)

Strophosoma melanogrammus (Coleoptera)

RHYNCHOSIA:

Acanthoscelides griseolus (Coleoptera)

RIBES:

Apion apricans (Coleoptera)

Stenocarus fuliginosus (Coleoptera)

RORIPPA:

Evergestis rimosalis (Lepidoptera)

ROSA:

Allantus cinctus (Hymenoptera)

Arge rosae (Hymenoptera)

Cacoecia pronubana (Lepidoptera)

Parlatoria oleae (Homoptera)

Selenothrips rubrocinctus (Thysanoptera)

Strophosoma capitatus (Coleoptera)

Taeniothrips atratus (Thysanoptera)

SACCHARUM:

Diatraea busckella (Lepidoptera)

Pseudococcus boninsis (Homoptera)

"*Targionia*" *sacchari* (Homoptera)

Trionymus sacchari (Homoptera)

SALVIA:

Amilermes wheeleri (Isoptera)

SAPOTE:

Anastrepha ludens (Diptera)

Anastrepha serpentina (Diptera)

SCHOMBURGKIA:

Chrysomphalus tenax (Homoptera)

SCINDAPSUS:

Pinnaspis buxi (Homoptera)

SOIL:

Agriotes lineatus (Coleoptera)

Brachyrhinus ovalis (Coleoptera)

Brachyrhinus porcatus (Coleoptera)

Brachyrhinus rugosostriatus (Coleoptera)

Hypera nigritrostris (Coleoptera)

Monomorium destructor (Hymenoptera)

Rhyparochromus chiragra (Hemiptera)

Sitona hispidula (Coleoptera)

Taeniothrips atratus (Thysanoptera)

SOLANUM:

Epicaerus cognatus (Coleoptera)

SORGHUM:

Gortyna flavago (Lepidoptera)

Pyrausta nubilalis (Lepidoptera)

Sesamia cretica (Lepidoptera)

SPARTIUM:

Sparticus villosus (Coleoptera)

SPONDIAS:

Anastrepha mombinpraeoptans (Diptera)

STAPELIA:

"*Chionaspis*" *indigoferae* (Homoptera)

STRELITZIA:

Phenacaspis sandwicensis (Homoptera)

SYRINGA:

Adozophyes orana (Lepidoptera)

TAGETES:

Haplothrips gowdeyi (Thysanoptera)

Ptinus villiger (Coleoptera)

TAMARINDUS:

Caryedon fuscus (Coleoptera)

Monomorium destructor (Hymenoptera)

Myelois ceratoniae (Lepidoptera)

THUJA:

Lepidosaphes pallida (Homoptera)

TILIA:

Lecanium coryli (Homoptera)

TILLANDSIA:

Catolehrus ebeninus (Coleoptera)

TRIFOLIUM:

Hypera postica (Coleoptera)

TRIPLOCHITON:

Heterobostrychus brunneus (Coleoptera)

TULIPA:

Taeniothrips atratus (Thysanoptera)

ULMUS (?):

Leperisinus fraxini (Coleoptera)

ULMUS:

Pteleobius vittatus (Coleoptera)

VANDA:

Asterolecanium epidendri (Homoptera)

Furcaspis biformis (Homoptera)

Monomorium destructor (Hymenoptera)

VICIA:

Apion pomonae (?) (Coleoptera)

Bruchus luteicornis (Coleoptera)

Bruchus tristis (Coleoptera)

Rhinchenus stigma (Coleoptera)

VITIS:

Carbula trisignata (Hemiptera)

Ceratitis capitata (Diptera)

Cryptoblabes gnidiella (Lepidoptera)

Hosts and insects—Continued

VITIS—Continued

Leptoglossus chilensis (Hemiptera)
Megalometis chiliensis (Coleoptera)
Phlyctinus callosus (Coleoptera)
Polychrosis bolrana (Lepidoptera)

YUCCA:

Chrysomphalus agavis (Homoptera)

ZANTEDESCHIA:

Thrips angusticeps (Thysanoptera)

ZEA:

Moodna bisinuella (Lepidoptera)
Pyrausta nubilalis (Lepidoptera)
Sesamia cretica (Lepidoptera)

ZINGIBER:

Palaeopus costicollis (Coleoptera)

Hosts unknown

AIRPLANE:

Ethmia festiva (Lepidoptera)
Hoplosternus japonicus (Coleoptera)
Laphygma exempta (Lepidoptera)
Maruca testulalis (Lepidoptera)
Ozophora consanguinea (Hemiptera)
Platypus rugulosus (Coleoptera)
Tmetomorphia bitius (Lepidoptera)

BARK:

Ips acuminatus (Coleoptera)
Melopoplax ditomoides (Hemiptera)
Microplax plagiatus (Hemiptera)

BEAN:

Callosobruchus phaseoli (Coleoptera)

CARGO HOLD:

Achatina fulica (Mollusca)

FERN LOG:

Dryophthorus pusillus (Coleoptera)

FLOWERS:

Haplothrips gowdeyi (Thysanoptera)
Oxythyrea funesta (Coleoptera)
Taeniothrips hawaiiensis (Thysanoptera)
Thrips angusticeps (Thysanoptera)

HERB:

Heterobostrychus aequalis (Coleoptera)
Megalopyge krugii (Lepidoptera)
Parlatoria zizyphus (Homoptera)
Xylobiops texanum (Coleoptera)

LEAF:

Asterolecanium epidendri (Homoptera)
Chrysomphalus personatus (Homoptera)
Pachyzancla periusalis (Lepidoptera)
Protopulvinaria pyriformis (Homoptera)
Tetraleurodes acaciae (Homoptera)

LOG:

Cordylomera spinicornis (Lepidoptera)
Nasutitermes fulviceps (Isoptera)

NURSERY STOCK:

Rhyaparochromus chiragra (Hemiptera)

PACKING:

Acalypta parvula (Hemiptera)
Ceutorhynchus contractus (Coleoptera)
Ceutorhynchus erysimi (Coleoptera)
Chalcophana fervida (Coleoptera)
Drymus assimilis (Hemiptera)
Hypera plantaginis (?) (Coleoptera)
Naupactus xanthographus (Coleoptera)
Orobilis cyaneus (Coleoptera)
Ortheziola signoreti (Homoptera)
Orthochaetes setiger (Coleoptera)
Sitona lineata (Coleoptera)

PLANT:

Chrysomphalus odontoglossi (Homoptera)
Cryptoblabes gnidiella (Lepidoptera)
Deroceras reticulatum (Mollusca)
Ferrisia virgata (Homoptera)
Lepidosaphes celtis (Homoptera)
Pulvinaria psidii (Homoptera)

RETURNED WAR EQUIPMENT:

Achatina fulica (Mollusca)

SEED:

Coccotrypes dactyliperda (Coleoptera)
Protopulvinaria longivalvata (Homoptera)

TRUCK BED:

Nasutitermes luzonicus (Isoptera)

TUBER:

Gortyna flavago (?) (Lepidoptera)

WOOD:

Callidium aeneum (Coleoptera)
Hylurgops palliatus (Coleoptera)
Pityogenes bidentatus (Coleoptera)
Pityogenes chalcographus (Coleoptera)
Renocis mexicanus (Coleoptera)
Sinoxylon anale (Coleoptera)
Sinoxylon crasium (Coleoptera)

WOODS MOSS:

Brachyrhinus singularis (Coleoptera)
Ceutorhynchus contractus (Coleoptera)
Hypera nigrirostris (Coleoptera)
Hypera postica (Coleoptera)
Sitona humeralis (Coleoptera)

Countries of origin and insects

AFRICA:

Ceratitis capitata

ALGERIA:

Anuraphis cynarae (?)
Ceratitis capitata
Dacus oleae (?)
Hyadaphis apii
Parlatoria zizyphus
Sitona crinita

AMERICAN SAMOA:

Icerya aegyptiaca

ANTIGUA:

"*Targionia*" *hartii*

Vinsonia stellifera

ARGENTINA:

Anastrepha fraterculus

ARUBA:

Parlatoria zizyphus

AUSTRALIA:

Lepidosaphes tuberculata
Pantomorus godmani
Parlatoria zizyphus

AUSTRIA:

Leucaspis loewi
Nemotois violellus (?)
Rhagoletis cerasi

AZORES:

Ceratitis capitata
Curculio elephas
Laspeyresia splendana

BAHAMAS:

Aleurothrixus floccosus
Ancylosioma stercora
Dialeurodes citrifolii
Pectinophora gossypiella

BARBADOS:

Asterolecanium bambusae
Asterolecanium mliaris mliaris
Aulacaspis tubercularis
 "*Targionia*" *hartii*

BELGIUM:

Brachyrhinus sulcatus
Bruchus tristis
Gracilaria azalella
Hypera nigrirostris
Lepidosaphes tuberculata
Trialeurodes lauri

BERMUDA:

Conchaspis angraei
Cryptoblabes gnidiella
Cyrtopeltis varians
Deroceras reticulatum
Frankliniella cubensis
Haplothrips gowdeyi (?)
Iridomyrmex humilis
Liriomyza congesta
Morganella longispina
Prodenia eridania
Protopulvinaria pyriformis
Pulvinaria psidii

Countries of origin and insects—Continued

BRAZIL:

Aganactesis indecora
Chrysomphalus paulistus
Chrysomphalus personatus
Dinoderus bifoveolatus
Eurytoma orchidearum
Eusepes postfasciatus
Gymnandrosoma aurantianum
Maruca testulalis
Nasutitermes fulviceps
Parlatoria cinerea
Pectinophora gossypiella
Stenoma anonella
Stephanoderes hampei
Tenthecoris orchidearum
Vinsonia stellifera

BRITISH HONDURAS:

Asterolecanium epidendri
Pseudischinaspis alienus

BRITISH WEST AFRICA:

Pectinophora gossypiella

BRITISH WEST INDIES:

Acanthoscelides armitagei
Palaeopus costicollis

CANADA:

Capitophorus carduinus
Dryocoetes septentrionis
Rhagoletis pomonella
Sitona hispidula
Strophosoma melanogrammum

CANAL ZONE:

Acanthoscelides armitagei
Anastrepha mombinpraeoptans
Ancylostoma stercora
Aspidiotus destructor
Asterolecanium epidendri
Chrysomphalus richiei
Chrysomphalus umboniferus
Cleogonus armatus
Conchaspis angraeci
Furcaspis biformis
Lepidosaphes tokionis
Leucaspis cockerelli
Parlatoria pseudaspidiotus
Pinaspis buxi
Protopulvinaria longivalvata
Pseudischinaspis alienus
Stenoma catenifer
Stephanoderes buscki
Tenthecoris distinguendus
Vinsonia stellifera

CANARY ISLANDS:

Lampides boeticus (?)

CAROLINE ISLANDS:

Vinsonia stellifera

CEYLON:

Furcaspis biformis

CHILE:

Aceria tulipae
Epdiaspis piricola
Leptoglossus chilensis
Megalometis chilensis
Naupactus xanthographus
Pseudococcus gahani

CHINA:

Aleurotuberculatus jasmini
Carposina sasakii
Dialeurodes kirkaldyi
Dinoderus bifoveolatus
Parlatoria camelliae
Parlatoria zizyphus
Unaspis yanonis

COLOMBIA:

Eurytoma orchidearum
Explochionera albomaculata
Furcaspis biformis
Iridomyrmex iniquus
Leucaspis cockerelli
Mordellistena cattlejana
Unaspis citri

COSTA RICA:

Anastrepha ludens
Apsychomyrmex tristanti
Aspidiotus destructor
Asterolecanium epidendri
Asterolecanium truncatum

COSTA RICA—Continued

Chrysomphalus umboniferus
Dialeurodes citrifolii
Draeculacephala lenticula
Leucaspis cockerelli
Metamasius sericeus
Platypus rugulosus
Pseudischinaspis alienus
Stenoma catenifer

CRETE:

Dacus oleae

CUBA:

Anastrepha mombinpraeoptans
Aspidiotus destructor
Asterolecanium epidendri
Asterolecanium miliaris miliaris
Chalcophana fervida
Chrysomphalus lenax
Coccus viridis
Conchaspis angraeci
Cylas formicarius elegantulus
Eurythmia santiagella
Fiorinia nephelii
Fundella pellucens
Furcaspis biformis
Gynaikothrips ficorum
Haplothrips gowdey
Heterobostrychus aequalis
Maruca testulalis
Pheidole megacephala
Platynota rostrana
Pseudococcus boninsis
Pulvinaria psidii
Ribwa innoxia
"Targionia" hartii
"Targionia" sacchari
Unaspis citri

CURAÇAO:

Megalopyge krugii
Parlatoria cinerea

CYPRUS:

Ceratilis capitata

DENMARK:

Agriotes lineatus
Callidium aeneum
Hypera postica
Lecanium coryli
Pityogenes bidentatus
Sitona humeralis

DOMINICAN REPUBLIC:

Aleurothrix floccosus
Anastrepha mombinpraeoptans
Anastrepha suspensa
Furcaspis biformis
Stenoma catenifer

ECUADOR:

Metamasius sericeus
Stenoma catenifer

EGYPT:

Ceratilis capitata
"Chionaspis" stanotophri
Cryptolabes gmidella
Lixus junci
Parlatoria oleae
Pectinophora gossypiella

ENGLAND:

Acalypta parvula
Allantus cinctus
Arctothezia cataphracta
Cacoecia pronubana
Ceutorhynchus contractus
Ceutorhynchus erysimi
Cnephiasia virgaureana
Coelodes rubicundus
Deroceras reticulatum
Drymus assimilis
Gelechia ericetella
Gracilaria azaleella
Hypera nigrostris
Hypera plantaginis (?)
Laspeyresia splendana
Lepersinus frazini
Lepidosaphes tuberculata
Lygus lucorum
Mamestra brassicae
Myrmica laevinodis

Countries of origin and insects—Continued

ENGLAND—Continued

Newsteadia floccosa
Oligotrophus betulæ
Orobilis cyaneus
Ortheziola signoreti
Orthochaetes setiger
Phylomyza atricornis
Pteleobius vittatus
Rhagoletis cerasi
Strophosoma melanogrammum
Strophosoma retusus (?)
Taeniothrips atratus
Taeniothrips ericæ
Taeniothrips picipes

ETHIOPIA:

Aleocephalus myersi
Systole geniculata

FIJI ISLANDS:

Dacus dorsalis (?)

FORMOSA:

Parlatoria pseudaspidotus

FRANCE:

Aphis rhamni (?)
Apion carduorum
Apion pomonæ (?)
Bruchus luteicornis
Cacoecia promubana
Ceratitidis capitata
Ceroplastes japonicus
Crioceris lilii
Curculio elephas
Epidiaspis pricola
Evergestis forficatus
Laspeyresia splendana
Mamestra brassicæ
Oxythyrea funesta
Parlatoria zizyphus
Phalonia zephyrana
Pieris brassicæ
Rhagoletis cerasi

FRENCH WEST AFRICA (?):

Parlatoria zizyphus

GERMANY:

Allantus cinctus
Anthonomus pomorum
Apion apricans
Arge rosæ
Aspidiotus abietis
Aspidiotus pyri
Bruchus luteicornis
Callidium aneum
Curculio nucum
Dryocetes autographus
Hylurgops palliatus
Lampetia equestris
Laspeyresia strobilella
Leucaspis loewi
Pityogenes chalcographus
Rhagoletis cerasi
Rhyarochromus chiragra
Stenocarus fuliginosus
Taeniothrips atratus
Taeniothrips dianthi

GIBRALTAR (?):

Ceratitidis capitata

GOLD COAST:

Cordylomera spinicornis
Dinoderus bifoveolatus
Heterobostrychus brunneus
 "Targionia" hartii

GRAND CAYMAN:

"Targionia" hartii

GREAT BRITAIN:

Tingis cardui

GREECE:

Ceratitidis capitata
Ceroplastes rusci
Cryptoblabes gnidiella
Dacus oleæ
Gortyna flavago
Lecanium coryli
Leucaspis sandida
Leucaspis loewi
Nilotaspis halli
Parlatoria oleæ
Polychrosis botrana
Sesamia cretica

GRENADA:

Genopaschia protomis (?)

GUAM:

Achatina fulica
Ceroplastes rubens
Ferrissiana virgata

GUATEMALA:

Acanthoscelides obvelatus
Anastrepha ludens
Anastrepha mombinpraeoptans
Anastrepha serpentina
Apion auctum (?)
Chrysomphalus nigropunctatus
Chrysomphalus tenax
Chrysomphalus umboniferus
Coccus viridis
Ferrissiana virgata
Furcaspis biformis
Lecaniodiaspis dendrobii
Metamasius sericeus carbonarius
Morganella longispina
Neoclytus cacicus
Protopulvinaria pyriformis
Puto ulter

HAITI:

Anastrepha mombinpraeoptans
Cylas formicarius elegantulus
Exophthalmus laevis
Haplothrips gowdeyi
Mimosestes dominicana
Pachyzancla bipunctalis

HAWAII:

Aonidiella inornata
Caryedon fuscus
Ceratitidis capitata
Ceroplastes rubens
Coccotrypes dactyliperda
Coccus viridis
Cryptorhynchus mangiferae
Dacus cucurbitae
Dacus dorsalis
Dialeurodes citri
Dialeurodes kirkaldyi
Dryophthorus pusillus
Ereunetis flavistriata
Euscapes postfasciatus
Furcaspis biformis
Haplothrips gowdeyi
Lampides boeticus
Lepidosaphes tokionis
Maruca testulalis
Nysius terrestris
Parlatoria crotonis
Parlatoria pseudaspidotus
Parthenothrips dracaena
Pectinophora gossypiella
Phenacaspis sandwicensis
Pinnaspis burti
Pseudococcus giffardi
Pseudococcus palmarum
Pulvinaria psidii
Taeniothrips hawaiiensis

HONDURAS:

Acanthoderes circumflexa
Anastrepha mombinpraeoptans
Chrysomphalus tenax
Furcaspis biformis
Metamasius sericeus
Stenomoma catenifer
Tenthoris bicolor

INDIA:

Aspidiotus destructor
Coccotrypes dactyliperda
Cryptorhynchus mangiferae
Dinoderus brevis
Haplothrips gowdeyi
Lepidosaphes mcgregori
Lepidosaphes tuberculata
Monomorium destructor
Paraputo taraktogeni
Pectinophora gossypiella
Sinoxylon anale
Sinoxylon crassum

INDONESIA:

Monomorium destructor

IRAQ:

Bruchus rufipes

Countries of origin and insects—Continued

IRELAND:

Anaphothrips obscurus
Evergestis forficatus
Hypera postica

ISRAEL:

Ceratitidis capitata
Lineaspis striata
Parlatoria cinerea
Polychrosis botrana (?)

ITALY:

Acrolepis assectella
Apion carduorum
Brachycerus albidentatus
Brachycerus algerius
Bruchus ervi
Bruchus signaticornis
Cacoecia pronubana
Ceratitidis capitata
Ceroplastes ruscii
Cryptoblabes gnidiella
Curculio elephas
Curculio nucum
Dacus oleae
Deroceras reticulatum
Dyspessa ulula
Euphilippia olivina
Filippia oleae
Gortyna flavago
Hemiteles juliana
Homotoma ficus
Iridomyrmex humilis
Lamproloma equestris
Laspeyresia juliana
Laspeyresia splendana
Lepidosaphes ficus
Mamestra brassicae
Megastigmus pistaciae
Myelois ceratoniae
Notochilus damryi
Parlatoria camelliae
Parlatoria oleae
Parlatoria zizyphus
Parmena balteus
Pectinophora gossypiella
Phloeotribus scarabaeoides
Pieris brassicae
Pollinia pollonii
Polychrosis botrana
Prays oleellus
Pyrausta nubilalis
Rhagoletis cerasi
Sesamia cretica
Sparticus villosus
Thrips angusticeps
Trialeurodes lauri
Trupanea stellata

JAMAICA:

Aleurothrixus floccosus
Anastrepha mombinpraeoptans
Anastrepha suspensa
Asterolecanium epidendri
Caryedon fuscus
Chrysomphalus odontoglossi
Cylas formicarius elegantulus
Leucaspis cockerelli
Monomorium destructor
Myelois ceratoniae
Palaeopus costicollis
Paraleyrodes goyabae
Stenomoma anonella
Tetraleurodes acaciae
Vinsonia stelfera

JAPAN:

Aleurolobus marlatti
Aleurotuberculatus similis
Aspidiotus corticis-pini
Aspidiotus pseudomeyeri
Capitophorus formosanus
Ceroplastes ceriferus
Ceroplastes rubens
Chilo simplex
Dinoderus brevis
Gracilaria azaleella
Grapholitha molesta
Hoplosternus japonicus
Iridomyrmex itoi abbotti

JAPAN—Continued

Laphygma exempta
Lepidosaphes celtis
Lepidosaphes conchiformis
Lepidosaphes kuwacola
Lepidosaphes pallida
Maruca testulalis
Microleon longipalpis
Monomorium destructor
Parlatoria camelliae
"Poliaspis" pini
Pyrausta nubilalis
Reticulitermes speratus
Thrips angusticeps
Unaspis yanonensis

KOREA:

Callosobruchus ademptus
Lepidosaphes conchiformis
Pectinophora gossypiella

LEBANON:

Ceratitidis capitata
Cryptoblabes gnidiella
Dacus oleae

LIBERIA:

Cylas femoralis

MALTA:

Ceratitidis capitata

MEXICO:

Acanthoscelides griseolus
Aceria tulipae
Acroleucus vicinialis
Aleurocanthus woglumi
Aleurodicus dugesi
Aleuroglanidulus emmae
Aleuroparadozus gardeniae
Aleuroplatus coccolus
Aleuroplatus plumosus
Aleurothrixus floccosus
Alpheias conspirata
Amitermes wheeleri
Anastrepha fraterculus
Anastrepha ludens
Anastrepha mombinpraeoptans
Anastrepha serpentina
Anthonomus scutellaris
Aspidiotus destructor
Aspidiotus herculeanus
Asterolecanium epidendri
Aulacaspis tubercularis
Catolichus ebeninus
Chalcodermus dentiferus
Chrysomphalus agavis
Chrysomphalus personatus
Chrysomphalus sphaeroides
Chrysomphalus tenax
Chrysomphalus tingi
Chrysomphalus umboniferus
Clerada apicornis
Conchaspis angraci
Conotrachelus aguacatae
Conotrachelus perseae
Cylas formicarius elegantulus
Dendroctonus mexicanus
Dialeurodes citri
Diorymerellus laevimargo
Draeculacephala minerva
Dysdercus mimulus
Epicaerus cognatus
Epinotia opposita
Ethmia festiva
Eucalymnatus tessellatus
Eutheola bidentata
Evers comyntas
Evergestis rimosalis
Explotchiomera albomaculata
Ferrisia virgata
Furcaspis bifurmis
Gargaphia patricia
Genuchinus v-notatus
Gerstaeckeria mutillaria
Gnorimoschema gudmannella
Grapholitha packardii
Hemileuca oliviae
Heteropsylla texana
Lecanodiaspis dendrobii
Lepidosaphes carinata

Countries of origin and insects—Continued

MEXICO—Continued

Lepidosaphes philococcus
Leptophobia aripa
Lichtensia lutea
Ligyrocoris aurivilliana
Lineodes integra
Loxostege similis
Lygaeus circumlinitus
Lygaeus circumplicatus
Malocampa punctata
Micrapate labialis
Monellia costalis
Moodna bisinuella
Mormidea collaris
Myzocallis caryaefoliae
Neoleucinodes elegantalis
Noropsis hieroglyphica
Orthodes melanops
Ozophora consanguinea
Pachyzancla bipunctalis
Pantomorus godmani
Parlatoria cinerea
Pectinophora gossypiella
Platynota rostrana
Praebtissus albofasciatus
Pseudischinaspis alienus
Pseudodiaspis yuccae
Pinus villiger
Puto lasiorum
Puto mexicanus
Rhagoletis completa
Rhagoletis juglans
Rhagoletis pomonella
Rhopalosiphum subterraneum
Scyphophorus acupunctatus
Selenothrips rubrocinctus
Sisamnes contractus
Sizconotus luteiceps
Stenomoma catenifer
Talponia batesi
 "Targionia" bromiliae
 "Targionia" cueroensis
Tenthecoris angustimarginatus
Tenthecoris bicolor
Tenthecoris confusus
Tetraleurodes acaciae
Thamnophtorus schwarzi
Trialeurodes intermedia (?)
Trialeurodes vitrinellus
Trichobaris mucorea
Trionymus sacchari
Trioxa magnoliae
Xylobiops texanum

MONTSERRAT:
Genopaschia protomis (?)

MOROCCO:

Exosoma tusitanica
Lepidosaphes ficus

NETHERLANDS:

Acrolepia assectella
Adoxophyes orana
Dialeurodes chittendeni
Evergestis forficatis
Gracilaria azaleella
Lampetia equestris
Leucaspis lowei
Liosomaphis berberidis
Lygus campestris
Mamestra brassicae
Masonaphis rhododendri
Nematus bergmanni
Phytomyza rufipes
Pityogenes bidentatus
Psylla buxi
Sitona lineata
Strophosoma capitatus
Taeniothrips atratus
Tarsonemus laticeps

NEVIS:

"Targionia" hartii

NICARAGUA:

Anastrepha ludens
Anastrepha mombinpraeoptans
Anastrepha serpentina
Cosmopolites sordidus

NICARAGUA—Continued.

Pinnaspis buxi
Platyptus rugulosus

NIGERIA:

Aspidiotus destructor
Cordylomera spinicornis

NORWAY:

Allantus cinctus
Gortyna flavago

PALESTINE:

Ceratitis capitata
Cryptoblabes gnidiella

PANAMA:

Anastrepha mombinpraeoptans
Anastrepha serpentina
Aspidiotus destructor
Asterolecanium epidendri
Chrysomphalus umboniferus
Coccus viridis
Furcaspis biformis
Leucaspis cockerelli
Melamasius sericeus
Stenomoma anonella
Stenomoma catenifer
Tmetomorpha bitias

PERU:

Aleurocanthus woglumi
Anastrepha serpentina (?)
Epinotia opposita

PHILIPPINES:

Achatina fulica
Aonidiella inornata
Aspidiotus coryphae
Aspidiotus destructor
Aspidiotus excisus
Callosobruchus phaseoli
Caryedon fuscus
Chrysomphalus nulliporus
Chrysomphalus tingi
Dialeurodes kirkaldyi
Lepidosaphes mcgregori
Mertila malayensis
Nasutitermes luzonicus
Pseudonidia trilobitiformis
Pseudococcus palmarum
Pulvinaria psidii
Tadus erikimoides
Taeniothrips hawaiiensis

POLAND:

Brachyrhinus ovatus
Hypera nigrostris

PORTUGAL:

Ceratitis capitata
Chaetanaphothrips orchidii
Chrysomphalus diversicolor
Cryptoblabes gnidiella
Curculio elephas
Epinotia tessulatana
Laspeyresia nigricana
Laspeyresia splendana
Melopoplax dilomoides
Microplax plagiatus
Rhagoletis cerasi

PUERTO RICO:

Acanthoscelides armilagai
Anastrepha mombinpraeoptans
Anastrepha suspensa
Ancylostoma stercora
Coccus viridis
Cylas formicarius elegantulus
Exophthalmus roseipes
Frankliniella cubensis
Lepidosaphes ficus
Maruca testulalis
Melamasius sericeus
Pachyzancla perisualis
Pectinophora gossypiella
 "Targionia" sacchari

ST. KITTS:

Monomorium destructor
 "Targionia" hartii
Vinsonia stellifera

ST. LUCIA:

Chrysomphalus umboniferus
 "Targionia" hartii

Countries of origin and diseases—Continued

ST. VINCENT:

Callosobruchus phaseoli
Stephanoderes lecontei

SAIPAN:

Achatina fulica

SALVADOR:

Anastrepha ludens
Anastrepha mombinpraeoptans
Anastrepha serpentina
Anastrepha striata
Leucaspis cockerelli

SCOTLAND:

Brachyrhinus singularis
Ceutorhynchus contractus
Gelechia ericetella
Lampetia equestris
Lochmaea capreae
Orthotylus ericetorum
Taeniothrips atratus

SIAM:

Monomorium destructor
Parlatoria pseudaspidiotus

SOUTH AMERICA:

Coccidella americana
Furcaspis biformis
Pseudaonidia trilobitiformis

SPAIN:

Brachycerus algerus
Ceratitis capitata
Cryptoblabes gnidiella
Curculio elephas
Laspeyresia splendana
Parlatoria zizyphus
Rhagoletis cerasi

SWEDEN:

Callidium aeneum
Dicyphus annulatus
Hylurgops palliatus
Ips acuminatus
Pityogenes bidentatus
Pityogenes chalcographus
Rhagoletis cerasi
Taeniothrips atratus

SWITZERLAND:

Agallia venosa
Brachyrhinus porcatus
Brachyrhinus rugosostriatus
Parlatoria oleae
Rhyparochromus chiragra
Taeniothrips dianthi

SYRIA:

Ceratitis capitata
Dacus oleae
Monanthia echii

TAHITI:

Parlatoria cinerea

TRINIDAD:

Anastrepha mombinpraeoptans
Anastrepha striata
Ancylostomia stercorea
Asterolecanium epidendri
Chrysomphalus personatus

TRINIDAD—Continued

Eurytoma orchidearum
Euscepes postfasciatus
Furcaspis biformis
Maruca testulalis
Orthezia praelonga
Palaeopus costicollis
Parlatoria cinerea
Pectinophora gossypiella
Protopulvinaria longicalvata
Protopulvinaria pyriformis
Rhinocenus stigma
Sphenarches caffer
Thamnotettix hyalinapennis
Vinsonia stellifera

TURKEY:

Curculio elephas

UNION OF SOUTH AFRICA:

Argyroplote leucotrela
Asterolecanium stenae
Bostrychophytes cornutus
Carbula trisignata
"Chionaspis" indigoferae
Haplothrips bagnalli
Heterobostrychus brunneus
Lampetia equestris
Morganella longispina
Phlyctinus callosus
Rhagoletis pomonella
Specularius impressithorax

UNKNOWN:

Ceratitis capitata
Haplothrips gowdeyi
Laphygma exempta
Pectinophora gossypiella
Rhagoletis pomonella (?)
Stenoma catenifer
Taeniothrips atratus
Taeniothrips dianthi

VENEZUELA:

Asterolecanium epidendri
Aulacaspis tubercularis
Coccus viridis
Deroceras reticulatum
Diatraea busckella
Eurytoma orchidearum
Furcaspis biformis
Iridomyrmex iniquus
Protopulvinaria longicalvata
Pseudischinaspis alienus
Stenoma catenifer
Tenthrax venezuelensis
Vinsonia stellifera

VIRGIN ISLANDS:

Cylas formicarius elegantulus
Euscepes postfasciatus
Orthezia praelonga
Vinsonia stellifera

YUGOSLAVIA:

Curculio elephas
Epidiaspis piricola
Laspeyresia splendana
Unaspis euonymi

List of pests (diseases) collected and reported from July 1, 1950, to June 30, 1951, inclusive

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Alternaria citri</i> Ell. & Pierce:					
<i>Citrus paradisi</i> (grapefruit)-----	Argentina		1		Pa.
<i>Citrus reticulata</i> (Mandarin orange)-----	Japan, Mexico	1	2		Calif.,* Tex.
<i>Citrus sinensis</i> (orange)-----	Mexico, Union of South Africa, Yugoslavia.	3	2		Calif.,*N.Y., Pa., Tex.
<i>Citrus</i> sp-----	Mexico	1			Tex.
<i>Alternaria dianthi</i> F. L. Stevens & J. G. Hall:					
<i>Dianthus</i> sp-----	England			1	Wash.
<i>Gypsophila paniculata</i> (babysbreath)-----	Mexico	1			Tex.
<i>Alternaria porri</i> (Ell.) Cif.:					
<i>Allium cepa</i> (onion)-----	do.	1			Tex.
<i>Alternaria raphani</i> Groves & Skolko:					
<i>Mathiola</i> sp. (stock)-----	do.	1			Tex.
<i>Anguina tritici</i> (Steinbuch) Filip.:					
<i>Triticum aestivum</i> (wheat)-----	Syria, Turkey			4	D. C.
<i>Aphanomyces raphani</i> Kendr.:					
<i>Raphanus sativus</i> (radish)-----	Mexico	1			Tex.
<i>Aphelenchoides parietinus</i> (Bastian) Steiner:					
<i>Convallaria</i> sp-----	Denmark			1	N. Y.
<i>Aphelenchus avenae</i> Bastian:					
<i>Allium cepa</i> (onion)-----	Mexico	1			Tex.
<i>Gladiolus</i> sp-----	Netherlands		1		N. J.
Soil with cactus plants-----	Mexico			1	Ariz.
<i>Solanum tuberosum</i> (potato)-----	do.	2			Tex.
<i>Apiospora camptospora</i> Penz. & Sacc.:					
<i>Saccharum officinarum</i> (sugarcane)-----	do.	2			Tex.
<i>Apiospora montagnei</i> Sacc.:					
Bamboo-----	Japan	1			Tex.
<i>Ascochyta citri</i> Penz.:					
<i>Citrus sinensis</i> (orange)-----	Mexico	1			Tex.
<i>Botryosphaeria ribis</i> Gross. & Dugg.:					
<i>Citrus limon</i> (lemon)-----	Italy		1		Ala.
<i>Paeonia suffruticosa</i> (tree peony)-----	Japan			1	Calif.*
<i>Botrytis elliptica</i> (Berk.) Cke.:					
<i>Lilium auratum</i> (goldband lily)-----	do.		2		Calif.*
<i>Lilium hansonii</i> (hanson lily)-----	do.		1		Calif.*
<i>Lilium japonicum</i> (Japanese lily)-----	do.		1		Calif.*
<i>Lilium rubellum</i> (rubellum lily)-----	do.		1		Calif.*
<i>Lilium speciosum rubrum</i> (pink speciosum lily)-----	do.		4		Calif.*
<i>Lilium</i> sp-----	China, Japan	1	1		Calif.*
<i>Lycoris radiata</i> (shorttube lycoris)-----	Japan		1		Calif.*
<i>Botrytis galanthina</i> (Berk. & Br.) Sacc.:					
<i>Galanthus nivalis</i> (snowdrop)-----	Netherlands			5	Calif.*
<i>Galanthus</i> sp-----	do.			8	Md., Mass., N. Y., Pa.
<i>Botrytis gladiolorum</i> Timmermans:					
<i>Gladiolus</i> sp-----	Austria, Japan, Mexico, Netherlands.	1		9	Calif.,* Mich., Tex.
<i>Tritonia</i> sp-----	Netherlands			1	N. J.
<i>Calospora platanoidis</i> (Fr.) Niessl:					
<i>Acer pseudoplatanus</i> (sycamore maple)-----	Denmark			1	N. J.
<i>Catacauma sabal</i> Chardon:					
Palm-----	Mexico	2			Tex.
<i>Cercospora angreci</i> Roum.:					
<i>Odontoglossum</i> sp (orchid)-----	Belgium		2		N. J.
Orchid-----	Mexico		1		Tex.
<i>Stanhopea</i> sp. (orchid)-----	Guatemala		1		N. Y.
<i>Cercospora bocconiae</i> Chupp:					
<i>Bocconia frutescens</i> -----	Mexico			1	Tex.
<i>Cercospora centaureae</i> Died.:					
<i>Centaurea cyanus</i> (cornflower)-----	do.	1			Tex.
<i>Cercospora coffeicola</i> Berk. & Cke.:					
<i>Coffea</i> sp. (coffee)-----	do.			1	Ariz.
<i>Cercospora dudidae</i> Welles:					
<i>Allium cepa</i> (onion)-----	do.	1			Tex.
<i>Cercospora fraxinites</i> Ell. & Ev.:					
<i>Fraxinus</i> sp. (ash)-----	do.	4			Tex.

List of pests (diseases) collected and reported from July 1, 1950, to June 30, 1951
inclusive—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Cercospora gossypina</i> Cke.: Gossypium sp. (cotton; leaf).....	Mexico.....	1			Tex.
<i>Cercospora handelii</i> Bub.: Rhododendron sp.....	Netherlands.....			1	N. J.
<i>Cercospora insulana</i> (Sacc.) Chupp: Limonium sinuatum.....	Mexico.....	1			Tex.
Limonium sp.....	do.....	1			Tex.
<i>Cercospora kaki</i> Ell. & Ev.: Diospyros kaki (kaki persimmon).....	Japan.....		1		Calif.*
<i>Cercospora lippiae</i> Ell. & Ev.: Lippia alba.....	Mexico.....	1			Tex.
<i>Cercospora lythracearum</i> Heald & Wolf: Punica granatum (pomegranate).....	do.....	1			Tex.
<i>Cercospora mangiferae</i> Koord.: Mangifera indica (mango).....	do.....		1		Calif.
<i>Cercospora musae</i> Zimm.: Musa paradisiaca sapientum (banana).....	Canal Zone, Colombia, Costa Rica, Guate- mala, Honduras, Mex- ico, Nigeria, Panama.	55			Calif., Calif.,* Md., N. Y., Pa., Tex.
<i>Cercospora nepetae</i> Tehon: Nepeta sp.....	Mexico.....	1			Tex.
<i>Cercospora neriella</i> Sacc.: Nerium oleander (oleander).....	Bermuda.....			1	N. Y.
<i>Cercospora purpurea</i> Cke.: Laurus sp.....	Mexico.....	1			Ariz.
<i>Cerebella andropogonis</i> Ces.: Paspalum dilatatum (dallas grass).....	Australia.....			1	D. C.
Tricholaena repens (Natal grass).....	Venezuela.....			1	D. C.
<i>Ceuthospora lunata</i> Shear: Rhododendron sp.....	Netherlands.....			1	N. J.
<i>Cheatomium contortum</i> Pk.: Zantedeschia aethiopica (callalily).....	do.....			1	N. J.
Zantedeschia sp.....	do.....			1	N. J.
<i>Chiodecton sanguineum</i> (Sw.) Wain.: Cattleya sp. (orchid).....	Brazil.....			1	Calif.*
<i>Chlamydomyces palmarum</i> (Cke.) Mason: Begonia sp.....	Belgium.....			1	Calif.*
<i>Chrysomyra rhododendri</i> (DC.) D By.: Rhododendron ferrugineum.....	Austria, Switzerland, unknown. England.....	7	1		Mass., N. Y.
Rhododendron sp.....				1	Wash.
<i>Cladosporium oryzae</i> Sacc. & Syd.: Oryza sativa (rice).....	India, Japan.....	1	1		Calif.*
<i>Cladosporium pisicola</i> Snyder: Pisum sativum (pea).....	Mexico, Portugal.....	3	1		Md., Tex.
<i>Clonostachys araucaria</i> Cda.: Ceanothus sp.....	Netherlands.....			1	Wash.
<i>Coleosporium domingense</i> (Berk.) Arth.: Plumeria sp.....	Canal Zone.....			1	Fla.
<i>Coleosporium ipomoeae</i> (Schw.) Burr.: Ipomoea sp. (morning-glory).....	Mexico.....	1			Tex.
<i>Colletotrichum cajani</i> Rangel: Cajanus cajan (pigeonpea).....	Puerto Rico.....	4			N. Y., P. R.
<i>Colletotrichum coffeanum</i> Noack: Coffea sp. (coffee).....	Venezuela.....	1			Tex.
<i>Colletotrichum falcatum</i> Went: Saccharum officinarum (sugarcane).....	Bahamas, Cuba, Mexico	2	1		Fla.,* Tex.
<i>Colletotrichum graminicolum</i> (Ces.) G. W. Wils.: Sorghum vulgare technicum (broomcorn).....	Italy, Mexico.....	2			Md., Tex.
Zea mays (corn).....	Germany.....	1			Pa.
<i>Colletotrichum liliacearum</i> (Schw.) Ferr.: Iris sp.....	Australia.....			1	Calif.*
<i>Colletotrichum lilii</i> Plakidas: Lilium auratum (goldband lily).....	Japan.....			20	Calif.,* Oreg.
Lilium formosanum (Formosa lily).....	do.....			1	Calif.*
Lilium giganteum (giant lily).....	do.....			1	Calif.*
Lilium hansonii (hanson lily).....	do.....			2	Calif.*
Lilium henryi (henry lily).....	do.....			2	Calif.*

List of pests (diseases) collected and reported from July 1, 1950, to June 30, 1951,
inclusive—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Colletotrichum lilii</i> Plakidas—Continued					
<i>Lilium japonicum</i> (Japanese lily).....	Japan.....			2	Calif.*
<i>Lilium longiflorum</i> (Easter lily).....	do.....			3	Calif.*
<i>Lilium neilgherrense</i>	India.....			1	Calif.*
<i>Lilium rubellum</i> (rubellum lily).....	Japan.....			2	Calif.*
<i>Lilium speciosum rubrum</i> (pink speciosum lily).....	do.....			25	Calif.,* Wash.
<i>Lilium tigrinum</i> (tiger lily).....	do.....			1	Calif.*
<i>Lilium wallichianum</i> (wallich lily).....	India.....			1	Wash.
<i>Lilium</i> sp.....	Bermuda, China, India, Japan.....	18		5	Calif.,* N. Y.
<i>Colletotrichum pisi</i> Pat.:					
<i>Pisum sativum</i> (pea).....	Mexico.....	1			Tex.
<i>Colletotrichum pisicola</i> Snyder:					
<i>Pisum sativum</i> (pea).....	Portugal.....		1		Md.
<i>Colletotrichum trichellum</i> (Fr.) Duke:					
<i>Hedera helix</i> (English ivy).....	Germany.....			1	N. J.
<i>Hedera</i> sp. (ivy).....	Ireland.....			1	N. Y.
<i>Coniosporium agaves</i> Pass.:					
<i>Agave</i> sp. (century plant).....	Mexico.....	1			Tex.
<i>Coniosporium chusqueae</i> Speg.:					
<i>Chusquea quila</i> (quila).....	Chile.....	1			N. Y.
<i>Coniothecium quercina</i> Sacc.:					
<i>Quercus</i> sp. (oak).....	Mexico.....	1			Tex.
<i>Coniothyrium cytisallum</i> (Pass. & Thum.) Sacc.:					
<i>Laburnum watereri</i>	Netherlands.....			10	N. J.
<i>Coniothyrium hellebori</i> Cke. & Mass.:					
<i>Helleborus niger</i> (Christmas-rose).....	Netherlands, Switzerland.....			8	N. J.
<i>Coniothyrium olivaceum</i> Bon.:					
<i>Laburnum</i> sp.....	Netherlands.....			1	N. J.
<i>Wisteria</i> spp.....	Japan.....			2	Calif.*
<i>Coniothyrium pirinum</i> (Sacc.) Sheldon:					
<i>Malus sylvestris</i> (apple).....	Mexico.....	2			Tex.
<i>Coryneum carpophilum</i> (Lev.) Jauch:					
<i>Prunus persica</i> (peach).....	do.....	1			Tex.
<i>Cryptodiaporthe salicina</i> (Curr.) Wehm.:					
<i>Salix discolor</i> (pussy willow).....	Netherlands.....	1			N. Y.
<i>Curvularia lunata</i> (Wakk.) Boed.:					
<i>Gladiolus</i> sp.....	Mexico.....	1			Tex.
<i>Cymadothea trifolii</i> (Fr.) Wolf:					
<i>Trifolium</i> sp. (clover).....	France.....	1			N. Y.
<i>Cytospora ceratophora</i> Sacc.:					
<i>Castanea</i> sp. (chestnut).....	England.....	1			Pa.
<i>Cytospora chrysosperma</i> Fr.:					
<i>Salix discolor</i> (pussy willow).....	Netherlands.....	1			N. Y.
<i>Cytospora rhoisa</i> Fr.:					
<i>Cotinus coggygria</i> (smoketree).....	England.....			1	N. J.
<i>Cytospora salicis</i> (Cda.) Rab.:					
<i>Salix</i> sp.....	Argentina, France.....	1	1		La., Mass.
<i>Dendryphium obtipum</i> Pollack:					
<i>Colocasia esculenta</i> (dasheen).....	China.....	2			Calif.*
<i>Dendryphium toruloides</i> (Fres.) Sacc.:					
<i>Maxillaria</i> sp.....	Mexico.....			1	Tex.
<i>Diaporthe eres</i> Nits.:					
<i>Wisteria</i> spp.....	Japan.....			1	Calif.*
<i>Dibotryon morbosum</i> (Schw.) Theiss. & Syd.:					
Unknown shrub or tree.....	Mexico.....	1			Tex.
<i>Diplocarpon earliana</i> (Ell. & Ev.) Wolf:					
<i>Fragaria</i> sp. (strawberry).....	Czechoslovakia.....			1	Md.
<i>Diplocarpon rosae</i> Wolf:					
<i>Rosa</i> sp. (rose).....	Brazil.....	1			P. R.
<i>Diplodia coccarpa</i> Sacc.:					
<i>Cocos nucifera</i> (coconut).....	Guam, Hawaii, Marshall Islands, Nigeria, Philippines.....	26			Calif.*
<i>Diplodia epicoccos</i> Cke.:					
<i>Cocos nucifera</i> (coconut).....	Kwajalein Island.....	1			Hawaii.

List of pests (diseases) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Diplodia gossypina</i> Cke.:					
<i>Ipomoea batatas</i> (sweetpotato).....	Mexico.....		1		Tex.
<i>Morus</i> sp. (mulberry).....	Bahamas.....			2	Tex.
<i>Nymphaea</i> sp. (waterlily).....	China.....	1			Wash.
<i>Diplodia henriquesiana</i> Trav. & Spessa:					
<i>Vanda gigantea</i> (orchid).....	Siam.....			1	N. J.
<i>Diplodia paraphysaria</i> Sacc.:					
<i>Trichopilia</i> sp. (orchid).....	Canal Zone.....			1	Calif.*
<i>Diplodia sedicola</i> Cke. & Harkn.:					
<i>Sedum</i> sp.....	Mexico.....			1	D. C.
<i>Diplodia theobromae</i> (Pat.) Nowell:					
<i>Bamboo</i>	India.....	1			N. Y.
<i>Cucurbita pepo</i> (pumpkin).....	Brazil.....		1		Pa.
<i>Garcinia mangostana</i> (mangosteen).....	India.....	1			N. Y.
<i>Kigelia pinnata</i>	Union of South Africa.....	1			Mass.
Palm.....	Mexico.....	1			Tex.
<i>Diplodina eurhododendri</i> Voss:					
<i>Rhododendron</i> sp.....	Netherlands.....			2	N. J.
<i>Diplodina grossulariae</i> Sacc. & Briard:					
<i>Ribes</i> sp.....	Germany.....			1	N. J.
<i>Diplodina rostrupii</i> Vest.:					
<i>Leucothoe catesbaei</i>	Netherlands.....			1	N. J.
<i>Pieris floribunda</i>	do.....			1	N. J.
<i>Discella carbonacea</i> (Fr.) Berk. & Br.:					
<i>Salix discolor</i> (pussy willow).....	do.....	1			N. Y.
<i>Discosia artocreas</i> Fr.:					
<i>Camellia japonica</i> (camellia).....	Japan.....			4	Calif.*
<i>Rhododendron</i> sp.....	Canada.....			1	Wash.
<i>Ditylenchus dipsaci</i> (Kuhn) Filip.:					
<i>Allium cepa</i> (onion).....	Mexico.....	1			Ariz.
<i>Tigridia</i> sp.....	Netherlands.....			1	Pa.
<i>Ditylenchus iridis</i> Steiner:					
<i>Iris zippium</i> (Spanish iris).....	do.....			1	Calif.*
<i>Elsinoe australis</i> Bitanc. & Jenkins:					
<i>Citrus aurantifolia</i> (sour lime).....	Brazil.....		4		La., Md., Tex.
<i>Citrus aurantifolia</i>	Paraguay.....	1			Fla.*
<i>Citrus limon</i> (lemon).....	Argentina, Brazil, Ecuador.....	1	32		Ala., Calif.,* La., Md., Mass., N. Y., Pa., Tex.
<i>Citrus sinensis</i> (orange).....	Argentina, Brazil, Unknown, Uruguay.....	2	61		Ala., Calif.,* Fla.,* La., Md., Mass., N. Y., Pa., Tex., Va.
<i>Citrus</i> sp. (orange).....	Argentina, Brazil, Uruguay.....		4		Fla.,* Md., N. Y.
<i>Elsinoe fawcettii</i> Bitanc. & Jenkins var. <i>scabiosa</i> Jenkins:					
<i>Citrus limon</i> (lemon).....	Australia.....		2		La., Mass.
<i>Elsinoe phaseoli</i> Jenkins:					
<i>Phaseolus lunatus macrocarpus</i> (lima bean).....	Cuba, Puerto Rico.....	6			N. Y., P. R.
<i>Entomosporium maculatum</i> Lev.:					
<i>Cydonia oblonga</i> (quince).....	Mexico.....	1			Tex.
<i>Entyloma dahliae</i> Syd.:					
<i>Dahlia</i> sp.....	Denmark.....	1			N. Y.
<i>Erwinia citrimaculans</i> (Doidge) Magrou:					
<i>Citrus sinensis</i> (orange).....	Union of South Africa.....		1		Tex.
<i>Erobatisium vaccinii</i> (Fekl.) Wor.:					
<i>Rhododendron carolinianum</i>	Netherlands.....			1	N. J.
<i>Rhododendron laetevirens</i>	do.....			1	N. J.
<i>Fabraea maculata</i> Atk.:					
<i>Cydonia oblonga</i> (quince).....	Mexico.....	2			Tex.

List of pests (diseases) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Fusarium oxysporum</i> Schlecht f. <i>gladioli</i> (Massey) Snyder & Hansen: <i>Gladiolus</i> sp.	Netherlands, Virgin Islands.			9	D. C., La., N. Y., Tex., Va.
<i>Fusarium oxysporum</i> Schlecht. f. <i>medicaginis</i> (Weimer) Snyder & Hansen: <i>Medicago sativa</i> (alfalfa)	Mexico			1	Calif.*
<i>Fusarium oxysporum</i> Schlecht. f. <i>narcissi</i> (Cke. & Mass.) Snyder & Hansen: <i>Narcissus</i> sp.	Netherlands			9	Calif.,* N. Y., S. C., Tex.
<i>Fusarium oxysporum</i> Schlecht. f. <i>tuberosi</i> (Wt.) Snyder & Hansen: <i>Solanum tuberosum</i> (potato)	Mexico	1			Tex.
<i>Gliomastix convoluta</i> (Harz.) Mason: <i>Lilium regale</i> (royal lily)	Netherlands			1	Calif.*
<i>Lilium tenuifolium</i> (coral lily)	do			1	Calif.*
<i>Orania macrocladus</i> (palm)	Straits Settlements			1	Calif.*
<i>Solanum tuberosum</i> (potato)	Australia, China, Japan, Netherlands, Sweden.		5		Calif.,* Calif.*
<i>Zingiber officinale</i> (ginger)	China, Japan	53			
<i>Gloeosporium aquifolii</i> Penz. & Sacc.: <i>Ilex aquifolium</i> (English holly)	France		1		N. Y.
<i>Gloeosporium catechu</i> Syd.: <i>Areca catheca</i> (betel palm)	Philippines	1			Calif.*
<i>Gloeosporium leguminum</i> (Cke.) Sacc.: <i>Prosopis</i> sp. (mesquite)	Mexico	1			Tex. *
<i>Gloeosporium olivarium</i> Alm.: <i>Olea europaea</i> (olive)	Cyprus, Italy	3	1		N. Y., Tex.
<i>Gloeosporium perennans</i> Zeller & Childs: <i>Malus sylvestris</i> (apple)	Sweden		1		N. Y.
<i>Gloeosporium piperatum</i> Ell. & Ev.: <i>Capiscum frutescens</i> (pepper)	Mexico	1			Tex.
<i>Gymnosporangium haraeaeum</i> Syd.: <i>Juniperus chinensis</i> (Chinese juniper)	Japan			4	Calif.*
<i>Gymnosporangium japonicum</i> Syd.: <i>Juniperus chinensis</i>	do			1	Calif.*
<i>Gymnosporangium juniperi</i> Lk.: <i>Sorbus aucuparia</i> (European mountain-ash)	Sweden			1	N. Y.
<i>Gymnosporangium juniperinum</i> (Pers.) Mart.: <i>Sorbus aucuparia</i>	Norway, Sweden			2	N. Y.
<i>Helminthosporium oryzae</i> Breda de Haan: <i>Oryza sativa</i> (rice)	China	1			Calif.*
<i>Hendersonia sabaleos</i> Ces.: Palm	Union of South Africa			1	Mass.
<i>Heterodera avenae</i> Eidam: Soil with bagging	England	1			N. Y.
Soil with pine	Isle of Man			1	N. Y.
Soil with potatoes	Netherlands			1	Pa.
Soil with rutabagas	England			1	Pa.
<i>Heterodera cacti</i> Filip. & Schuurmans Stekhoven: Soil with cactus	France, Israel			3	N. J., N. Y.
Soil with cactus and succulents	France			1	N. J.
Soil with <i>Epiphyllum</i> sp	Mexico			1	Calif.*
Soil with <i>Mammillaria</i> sp.	do			3	Calif.,* Tex.
Soil with unknown plants	Italy			1	N. Y.
<i>Heterodera punctata</i> Thorne: Soil on an old army truck	Germany	1			N. Y.
Soil with bagging	England, Netherlands, Scotland	4			N. Y., Pa.
Soil with bulbs	Denmark, England			2	Ill., N. Y.
Soil with cactus	England, Israel			2	N. J., N. Y.
Soil with cactus and sedum	England			1	N. Y.
Soil with carrots	Sweden			1	Pa.
Soil with cockscomb	England			1	N. Y.
Soil with coleus	England			1	N. Y.
Soil with currant plants	England			1	N. Y.

List of pests (diseases) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Heterodera punctata</i> —Continued					
Soil with cyclamen	England			1	N. Y.
Soil with <i>Cymbidium</i> sp.	do			1	N. Y.
Soil with forget-me-not	Germany			1	N. Y.
Soil with heather	England, Scotland	1		2	N. Y.
Soil with <i>Laurus</i> sp.	Spain			1	N. Y.
Soil with narcissus bulbs	Ireland			1	N. Y.
Soil with onion sets	Netherlands			1	N. Y.
Soil with packing around dishes	Germany	1		1	N. Y.
Soil with phlox plants	do			1	N. Y.
Soil with pine	Isle of Man			1	N. Y.
Soil with various plants	Germany, Spain, Sweden, Switzerland	1		3	N. J., N. Y.
Soil with potatoes	England, Norway, Sweden	1	3		N. Y., Pa.
Soil with primrose plants	England			1	N. Y.
Soil with rose bush	do			1	N. Y.
Soil with <i>Sedum</i> sp. and cacti	do			1	N. Y.
Soil with <i>Sedum</i> sp.	Austria			1	N. Y.
Soil with shamrock	Ireland			1	N. Y.
Soil with spruce and oak trees	Germany			1	N. Y.
Soil with succulents and rhododendrons	Scotland			1	N. J.
Soil with miscellaneous trees	Spain			1	N. Y.
Soil from used urns	England	1			N. Y.
<i>Heterodera rostochiensis</i> Wr.:					
Soil on an old army truck	Germany	1			N. Y.
Soil with asparagus fern	England			1	N. Y.
Soil with bagging	Belgium, England, Netherlands, Scotland	57			Mass., N. Y. Pa., Va.
Soil with beets	England		1		N. Y.
Soil with begonia plants	Denmark			1	N. Y.
Soil with begonia tubers	Germany			1	N. Y.
Soil with bulbs	Denmark			1	Ill.
Soil with cactus and sedum plants	England			1	N. Y.
Soil with carrots	do		1		Wash.
Soil with chrysanthemum cuttings	do			1	N. J.
Soil with clematis plants	England, Switzerland			2	N. Y.
Soil with <i>Convallaria</i> sp.	England, Finland			2	Md., N. J.
Soil with old cordage	England	1			N. Y.
Soil with current plants	England, Sewden			3	N. Y.
Soil with cyclamen plants	Netherlands			1	N. Y.
Soil with dahlia tubers	England, Ireland, Scotland			4	N. J., N. Y.
Soil with fern	England, Netherlands			2	N. Y.
Soil with <i>Fragaria</i> sp.	England			1	N. J.
Soil with geranium plant	England, Germany, Ireland			3	N. J., N. Y.
Soil with <i>Glecoma hederacea</i> plant	Ireland			1	N. Y.
Soil with gloxinia plant	Luxembourg, Norway			2	N. Y.
Soil with gooseberry, currant, and plum plants	Sweden			1	N. Y.
Soil with heath	Scotland			1	Calif.*
Soil with heather	England, Scotland	1		6	N. J., N. Y.
Soil with heather and potatoes	Scotland	8			N. J., N. Y.
Soil with iris and gladiolus bulbs	England			1	N. Y.
Soil with jute bagging	do	1			N. Y.
Soil with kale and shamrock plants	Ireland			1	N. Y.
Soil with lavender plants	England, Ireland			3	N. Y.
Soil with leeks	Ireland			1	N. Y.
Soil with lily bulbs	England, Scotland			2	N. J., N. Y.
Soil with lily-of-the-valley pips	Netherlands			1	N. Y.
Soil with myrtle plant	Germany			1	N. Y.
Soil with narcissus bulbs and dahlia roots	Ireland			1	N. Y.
Soil with oat straw packing	England	1			N. Y.
Soil with onion sets	Netherlands			1	N. Y.
Soil with hay packing around dishes	Germany	1			N. Y.
Soil with packing for old toys	England	1			N. J.
Soil with perennials	Ireland			1	N. Y.

List of pests (diseases) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Heterodera rostochiensis</i> —Continued					
Soil with various plants	England, Germany, Scotland	---	---	6	N. Y.
Soil with potatoes	Denmark, England, Germany, Ireland, Norway, Scotland, Spain	4	14	3	Calif.,* N. Y., Pa., Tex., Va., Wash.
Soil with raspberry plants	Sweden	---	---	1	N. Y.
Soil with rhododendron plant	Scotland	---	---	1	Mass.
Soil with <i>Sedum</i> sp. plants	Poland	---	---	1	N. Y.
Soil with shallot	Wales	---	---	1	N. Y.
Soil with shamrocks	Ireland, Scotland	3	---	3	Calif.,* Mass., N. Y., Pa.
Soil with strawberry plants	Denmark	---	---	1	N. Y.
Soil with strawberry, gooseberry, and carnation plants	England	---	---	1	N. Y.
Soil with thyme plants	England	---	---	1	N. Y.
Soil with tulip bulbs	do	---	---	1	N. Y.
Soil with violet roots	do	---	---	1	Calif.*
Soil with woody cuttings	Scotland	---	---	1	N. Y.
Soil	Ireland	1	---	---	N. Y.
Sweepings from floor of lighter	Scotland	1	---	---	N. Y.
<i>Heterodera schachtii</i> Schmidt:					
Soil with beets	Italy	---	1	---	Wash.
Soil with grape and fig plants	do	---	---	1	N. Y.
<i>Heterosporium iridis</i> (Faurt. & Roum.) Jaques:					
<i>Gladiolus</i> sp.	Mexico	1	---	---	Tex.
<i>Iris germanica</i> (German iris)	New Zealand	---	---	1	Calif.*
<i>Heterosporium ornithogali</i> (Klotzsch) Cke.:					
<i>Ornithogalum thyrsoides</i> (chinkerichee)	Union of South Africa	4	---	---	Mass., Mich., N. Y., Pa.
<i>Hormiscium pinophilum</i> (Nees) Lind.:					
<i>Abies balsamea</i> (balsam fir)	Norway	1	---	---	Minn.
<i>Abies</i> sp. (fir)	Germany	1	---	---	N. Y.
<i>Hormodendron cladosporioides</i> (Pres.) Sacc.:					
<i>Musa paradisiaca sapientum</i> (banana)	Honduras	1	---	---	S. C.
<i>Hypocrella caulium</i> (Berk. & Curt.) Pat.:					
<i>Citrus reticulata</i> (Mandarin orange)	Trinidad	1	---	---	N. Y.
<i>Iscaria clavata</i> Ditm. (?):					
<i>Cocos nucifera</i> (coconut)	Mexico	1	---	---	Calif.*
<i>Isariopsis griseola</i> Sacc.:					
<i>Phaseolus vulgaris</i> var. (string bean)	Puerto Rico	2	---	---	N. Y.
<i>Lembosia agave</i> Earle:					
<i>Agave</i> sp.	do	1	---	---	P. R.
Leprosis:					
<i>Citrus sinensis</i> (orange)	Bolivia, Brazil	1	1	---	Mass., Tex.
<i>Leptosphaeria eustomoides</i> Sacc.:					
<i>Triticum aestivum</i> (wheat)	Germany	1	---	---	Calif.*
<i>Leptosphaeria rusci</i> (Wallr.) Sacc.:					
<i>Ruscus cladodes</i>	Italy	1	---	---	Pa.
<i>Leptosphaeria vagabunda</i> Sacc.:					
<i>Chrysanthemum zawadskii</i>	Canada	---	---	1	N. J.
<i>Leptostromella hysteroideis</i> (Fr.) Sacc. (?):					
<i>Paeonia suffruticosa</i> (tree peony)	Japan	---	---	1	Calif.*
<i>Leptothyrium pomi</i> (Mont. & Fr.) Sacc.:					
<i>Malus sylvestris</i> (apple)	Mexico	1	---	---	Tex.
<i>Lophodermium arundinaceum</i> (Fr.) Chev.:					
<i>Phragmites communis</i> (reed)	Netherlands	1	---	---	Md.
<i>Lophodermium pinastri</i> (Fr.) Chev.:					
<i>Pinus</i> sp. (pine)	Japan	---	---	1	Calif.*
<i>Macrophoma epidendri</i> Keissl.:					
<i>Schomburgkia</i> sp. (orchid)	Mexico	---	---	1	Tex.
<i>Macrophoma musae</i> (Cke.) Berl. & Vogl.:					
<i>Musa paradisiaca sapientum</i> (banana)	Costa Rica, Hawaii, India, Mexico, Panama	5	1	---	Calif.,* Hawaii.

List of pests (diseases) collected and reported from July 1, 1950, to June 30, 1951,
inclusive—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Macrophomina phaseolina</i> (Tassi) Gold.: <i>Ipomoea batatas</i> (sweetpotato).....	Japan, Mexico.....		2		Calif.*
<i>Solanum tuberosum</i> (potato).....	Japan.....		1		Calif.*
<i>Marssonina fraxini</i> Ell. & Davis: <i>Fraxinus</i> sp. (ash).....	Mexico.....	1			Tex.
<i>Marssonina juglandis</i> (Lib.) Magn.: <i>Juglans</i> sp. (walnut).....	Italy.....	1			Mass.
<i>Melanospora zamiae</i> Cda.: <i>Zingiber officinale</i> (ginger).....	China.....	41			Calif.*
<i>Meliola citricola</i> Syd.: <i>Citrus grandis</i> (pummelo).....	do.....	1			Calif.*
<i>Meloidogyne arenaria</i> (Neal) Chitwood: <i>Begonia</i> sp.....	Belgium.....			1	N. J.
<i>Clematis</i> sp.....	Netherlands.....			1	N. J.
<i>Memnoniella echinata</i> (Rivolta) L. O. Gall.: <i>Lilium longiflorum</i> (Easter lily).....	Japan.....			1	Calif.*
<i>Zingiber officinale</i> (ginger).....	China, Japan, Tahiti.....	75			Calif.*
<i>Metasphaeria hibiscicola</i> Rehm: <i>Hibiscus</i> sp.....	Trinidad.....			1	N. Y.
<i>Microperella quercus</i> Hoehn: <i>Quercus</i> sp. (oak).....	Japan.....	1			Wash.
<i>Microthyrium microscopium</i> Desm.: <i>Burus</i> sp.....	Netherlands.....			1	N. J.
<i>Monilinia fruticicola</i> (Wint.) Honey: <i>Malus sylvestris</i> (apple).....	New Zealand.....	1			N. Y.
<i>Monilinia fructigena</i> (Aderh. & Ruhl.) Honey: <i>Cydonia oblonga</i> (quince).....	Italy.....	1			N. Y.
<i>Malus sylvestris</i> (apple).....	England.....		2		Pa.
<i>Pyrus communis</i> (pear).....	Italy, Sweden.....				Calif.,* N. Y.
<i>Mycena citricolor</i> (Berk. & Curt.) Sacc.: [<i>Omphalia flavida</i> Maubl. & Rangel] <i>Gardenia augusta</i> (gardenia).....	Guatemala, Mexico.....	3			Calif., La., Tex.
<i>Mycosphaerella advena</i> Syd.: <i>Chamaedorea</i> sp. (palm).....	Mexico.....	1			Tex.
<i>Mycosphaerella clintoniana</i> House: <i>Rhododendron</i> sp.....	Netherlands.....			1	Wash.
<i>Mycosphaerella opuntiae</i> (Ell. & Ev.) Dearn.: <i>Echinocactus</i> sp. (cactus).....	Mexico.....			1	Tex.
<i>Mycosphaerella palmarum</i> Miles: Palm.....	do.....	1			Tex.
<i>Mycosphaerella pomi</i> (Pass.) Lindau: <i>Malus sylvestris</i> (apple).....	New Zealand.....		1		Pa.
<i>Mycosphaerella punctiformis</i> (Pers.) Schroet.: <i>Andromeda</i> sp.....	Netherlands.....			1	N. J.
<i>Mycosphaerella rhododendri</i> (Cke.) G. H. Martin: <i>Rhododendron</i> sp.....	do.....			1	N. J.
<i>Mycosphaerella stemmatelya</i> (Fr.) Rom.: <i>Vaccinium vitis-idaea</i> (cowberry).....	Sweden.....			1	Wash.
<i>Myriangium duriae</i> Mont.: <i>Citrus sinensis</i> (orange).....	Siam.....		1		Va.
<i>Mytilidium decipiens</i> (Karst.) Sacc.: <i>Juniperus</i> sp. (juniper).....	Japan.....			1	Wash.
<i>Nigrospora sphaerica</i> (Sacc.) Mason: <i>Cymbopogon citratus</i> (lemon grass).....	Iraq.....		1		Calif.*
<i>Oryza sativa</i> (rice).....	Japan.....	2			Calif.*
<i>Ophiostoma narcissi</i> Limber: <i>Narcissus</i> sp.....	England, Germany, Netherlands.....			13	N. J., N. Y.
<i>Papularia arundinis</i> (Cda.) Fr.: <i>Phragmites communis</i> (reed).....	Netherlands.....	1			Tex.
<i>Papularia sphaerosperma</i> (Fr.) Hoehn.: Bamboo.....	Japan.....	1			Wash.
<i>Papularia vinosa</i> (Berk. & Curt.) Mason: Bamboo.....	Mexico.....	1			Ariz.
<i>Papulaspora coprophila</i> (Zukal) Hotson: <i>Tulipa</i> sp. (tulip).....	Netherlands.....			1	N. J.

List of pests (diseases) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Papulaspora parasitica</i> (Eidam) Harz:					
<i>Gladiolus</i> sp.	Japan	---	---	1	Calif.*
<i>Ricinis communis</i> (castor-bean)	Philippines	1	---	---	Calif.*
<i>Paraphelenchus amblyurus</i> Steiner:					
<i>Iris kaempferi</i> (Japanese iris)	Japan	---	---	1	Calif.*
<i>Peronospora effusa</i> (Grev.) Rab.:					
<i>Spinacia oleracea</i> (spinach)	Mexico	8	---	---	Ariz.
<i>Pestalotia conspicua</i> Servazzi:					
<i>Cattleya</i> sp. (orchid)	Brazil	---	---	1	Calif.*
<i>Cymbidium</i> sp. (orchid)	Fiji Islands	---	---	1	Hawaii.
<i>Dendrobium johannis</i> (orchid)	Australia	---	---	1	Hawaii.
<i>Epidendrum prismatocarpum</i> (orchid)	Costa Rica	---	---	1	Fla.
Orchid	Honduras	---	---	1	Tex.
<i>Stanhopea</i> sp. (orchid)	Mexico	---	---	1	Tex.
<i>Pestalotia diospyri</i> Syd.:					
<i>Diospyros kaki</i> (kaki persimmon)	Japan	1	---	---	Calif.*
<i>Pestalotia disseminata</i> Thuem.:					
<i>Eucalyptus</i> sp.	Mexico	1	---	---	Tex.
<i>Pestalotia funerea</i> Desm.:					
<i>Araucaria araucana</i> (monkeypuzzle)	Scotland	---	---	1	N. Y.
<i>Pestalotia guepini</i> Desm.:					
<i>Camellia</i> sp.	Azores, France, Japan	1	---	3	Calif.,* Mass.
<i>Rhododendron obtusum</i>	Japan	---	---	1	Wash.
<i>Pestalotia japonica</i> Syd.:					
<i>Acer palmatum</i> (Japanese maple)	do	---	---	1	Calif.*
<i>Pestalotia macrotricha</i> Kleb.:					
<i>Pieris japonica</i> (Japanese andromeda)	Netherlands	---	---	1	N. J.
<i>Rhododendron</i> sp.	do	---	---	1	Wash.
<i>Pestalotia paeoniae</i> Maubl.:					
<i>Paeonia suffruticosa</i> (tree peony)	Japan	---	---	2	Calif.*
<i>Pestalotia palmarum</i> Cke.:					
<i>Cocos nucifera</i> (coconut)	Cuba, Hawaii, Marshall Islands, Philippines.	7	1	1	Calif.,* Pa.
Palm	Mexico	1	---	---	Tex.
<i>Pestalotia psidii</i> Pat.:					
<i>Psidium guajava</i> (guava)	do	1	---	---	Tex.
<i>Pestalotia rhododendri</i> (D. Sacc.) Guba:					
<i>Rhododendron</i> sp.	Netherlands	---	---	2	N. J., Wash.
<i>Peizella oenotherae</i> (Cke. & Ell.) Sacc.:					
<i>Rosa</i> sp.	do	---	---	1	N. J.
<i>Phaeosphaeria oryzae</i> Miyake:					
<i>Oryza sativa</i> (rice)	Japan	1	---	---	Calif.*
<i>Phakospora desmum</i> (Berk. & Br.) Cumm.:					
<i>Gossypium</i> sp. (cotton)	Puerto Rico	1	---	---	P. R.
<i>Phlyctaena ranunculacearum</i> Hoehn.:					
<i>Paeonia suffruticosa</i> (tree peony)	Japan	---	---	1	Calif.*
<i>Paeonia</i> sp.	do	---	---	1	Calif.*
<i>Phoma citricarpa</i> McAlp.:					
<i>Citrus grandis</i> (pummelo)	China	2	1	---	Calif.*
<i>Citrus limon</i> (lemon)	China, New Zealand, Union of South Africa.	---	4	---	Calif.,* La., Mass.
<i>Citrus paradisi</i> (grapefruit)	Union of South Africa	---	1	---	Md.
<i>Citrus reticulata</i> (Mandarin orange)	China, Japan	55	3	---	Calif.,* Mass., Minn., N. Y.
<i>Citrus sinensis</i> (orange)	Australia, China, Fiji Islands, Japan, Union of South Africa.	39	9	---	Calif.,* Hawaii, Mass.,* Md., Pa. Hawaii.
<i>Citrus</i> sp.	China	1	---	---	Hawaii.
<i>Phoma hortensiae</i> Brun.:					
<i>Hydrangea</i> sp.	Azores	---	---	1	Mass.
<i>Phoma limonii</i> Thuem.:					
<i>Citrus sinensis</i> (orange)	Mexico	1	---	---	Tex.
<i>Phoma pomi</i> Pass.:					
<i>Malus sylvestris</i> (apple)	Norway	---	1	---	Pa.

List of pests (diseases) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Phoma rusci</i> West.:					
<i>Ruscus aculeatus</i> (?)	Italy	1			Pa.
<i>Phomopsis cinerescens</i> (Sacc.) Trav.:					
<i>Ficus carica</i> (fig)	Mexico			1	Tex.
<i>Phomopsis cocoes</i> Petch:					
<i>Cocos nucifera</i> (coconut)	Guam, Philippines	4			Calif.*
<i>Phomopsis ophites</i> (Sacc.) Trav.:					
<i>Hibiscus hamabo</i> (hamabo hibiscus)	Netherlands			1	N. J.
<i>Phomopsis palmicola</i> (Wint.) Sacc.:					
<i>Areca theca</i> (betel palm)	Yap Island			1	Calif.*
<i>Phragmidium disciflorum</i> [Tode] James:					
<i>Rosa</i> sp.	Germany, Italy	1		1	Mass., N. Y.
<i>Phragmidium montivagum</i> Arth. (?):					
<i>Rosa</i> sp.	Canada			1	N. J.
<i>Phyllosticta caryae</i> Pk.:					
<i>Carya illinoensis</i> (pecan)	Mexico	1			Tex.
<i>Phyllosticta gaultheriae</i> Ell. & Ev.:					
<i>Gaultheria shallon</i> (salal)	do	3			Tex.
<i>Phyllosticta glumarum</i> (Ell. & Tracy) Miyake:					
<i>Oryza sativa</i> (rice)	Dominican Republic	1			P. R.
<i>Phyllosticta laeliae</i> Keissl.:					
<i>Dendrobium</i> sp. (orchid)	Australia			1	Calif.*
<i>Phyllosticta mortoni</i> Fairm.:					
<i>Mangifera indica</i> (mango)	Mexico	1			Tex.
<i>Phyllosticta passiflorae</i> McAlp.:					
<i>Passiflora edulis</i> (purple granadilla)	Australia	1			Hawaii.
<i>Phyllosticta ruscicola</i> (Desm.) Dur. & Mont.:					
<i>Ruscus</i> sp.	Italy	3			N. Y., Pa.
<i>Physalospora obtusa</i> (Schw.) Cke.:					
<i>Malus sylvestris</i> (apple)	France, Germany	1	2		Ga., Mich., Pa.
<i>Phytophthora parasitica</i> Dast.:					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	2			Ariz.
<i>Phytophthora phaseoli</i> Thaxt.:					
<i>Phaseolus vulgaris</i> var. (string bean)	do	1			Tex.
<i>Pleospora herbarum</i> (Pers.) Rab.:					
<i>Linum</i> sp. (flax)	Belgium	1			Pa.
<i>Vitis</i> sp. (grape)	Italy			1	N. Y.
<i>Pseudomonas marginata</i> (McCull.) Stapp:					
<i>Gladiolus</i> sp.	Netherlands			1	Calif.*
<i>Pseudomonas savastanoi</i> (E.F. Sm.) F. L. Stevens:					
<i>Olea europaea</i> (olive)	Italy	2			N. Y.
<i>Pseudomonas seminum</i> Cayley:					
<i>Pisum sativum</i> (pea)	Portugal		1		Tex.
<i>Pseudomonas solanacearum</i> E. F. Sm.:					
<i>Solanum tuberosum</i> (potato)	Mexico	1			Tex.
<i>Pseudoopeziza medicaginis</i> (Lib.) Sacc.:					
<i>Medicago sativa</i> (alfalfa)	Argentina		1		Tex.
<i>Puccinia antirrhini</i> Diet. & Holw.:					
<i>Antirrhinum majus</i> (snapdragon)	Germany	1			Mass.
<i>Puccinia arenariae</i> (Schum.) Wint.:					
<i>Dianthus barbatus</i> (sweet-william)	England, Switzerland	2			Mass., N. Y.
<i>Puccinia buxi</i> DC.:					
<i>Buxus sempervirens</i> (box)	England, Yugoslavia			2	N. Y.
<i>Puccinia chrysanthemi</i> Roze:					
<i>Chrysanthemum</i> sp.	England			1	N. J.
<i>Puccinia glumarum</i> (Schmidt) Eriks. & E. Henn.:					
<i>Triticum aestivum</i> (wheat)	Italy	1			Pa.
<i>Puccinia graminis</i> Pers. var. <i>tritici</i> Eriks. & E. Henn.:					
<i>Triticum aestivum</i> (wheat)	Guatemala	1			Tex.
<i>Puccinia heliconiae</i> (Diet.) Arth.:					
<i>Strelitzia</i> sp. (bird-of-paradise-flower)	Trinidad			1	Fla.
<i>Puccinia hordei</i> Otth:					
<i>Hordeum</i> sp.	Mexico	2			Calif.*
<i>Puccinia oblecta</i> Pk.:					
<i>Scirpus</i> sp.	do	2			Tex.
<i>Puccinia ornithogali-thyrsoidea</i> Diet.:					
<i>Ornithogalum thyrsoidea</i> (chinkerichee)	Union of South Africa	3			N. Y.

List of pests (diseases) collected and reported from July 1, 1950, to June 30, 1951,
inclusive—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Puccinia porri</i> (Sow.) Wint.: <i>Allium porrum</i> (leek).....	Sweden		1		Pa.
<i>Puccinia scirpi</i> DC.: <i>Typha</i> sp. (cattail).....	Mexico	1			Calif.
<i>Puccinia stakmanii</i> Presley: <i>Gossypium</i> sp. (cotton).....	do	1			Tex.
<i>Puccinia urbaniana</i> P. Henn.: <i>Stachytarpheta jamaicensis</i>	Puerto Rico	1			P. R.
<i>Stachytarpheta</i> spp.....	do	1			P. R.
<i>Puccinia violae</i> (Schum.) DC.: <i>Viola tricolor</i> (wild pansy).....	Norway	1			N. Y.
<i>Pyrenochaeta acicola</i> (Lev.) Sacc.: <i>Pinus</i> sp. (5-leaved pine).....	Japan			1	Hawaii.
<i>Pythium ultimum</i> Trow: <i>Cattleya</i> sp. (orchid).....	Belgium			1	N. J.
<i>Pythium ultimum</i> Trow (?): <i>Sinningia speciosa</i> (gloxinia).....	do			3	N. J.
<i>Ramularia tulasnei</i> Sacc.: <i>R. Fragaria</i> sp.....	France			1	D. C.
<i>Otylenchus robustus</i> (de Man) Filip. (?): Soil with primrose plant.....	England			1	N. Y.
<i>Schizophyllum commune</i> Fr.: <i>Agave</i> sp.....	Hawaii	1			Wash.
Orchid.....	Mexico			1	Tex.
<i>Sclerotinia kernerii</i> Wettst.: <i>Abies</i> sp.....	Switzerland	1			Mass.
<i>Sclerotinia minor</i> Jagger: <i>Cichorium endivia</i> (endive).....	Belgium	3			N. Y.
<i>Sclerotium cepivorum</i> Berk.: <i>Allium sativum</i> (garlic).....	Italy	33	2		N. Y., Pa.
<i>Sclerotium irregulare</i> Miy.: <i>Oryza sativa</i> (rice).....	China	1			Wash.
<i>Septoria azaleae</i> Vogl.: <i>Rhododendron indicum</i> (indica azalea).....	Belgium			1	N. J.
<i>Rhododendron</i> sp.....	Netherlands			4	N. J.
<i>Septoria chrysanthemi</i> Allesch.: <i>Chrysanthemum</i> sp.....	Japan, Mexico	4		1	Calif.,* Tex.
<i>Septoria citri</i> Pass.: <i>Citrus limon</i> (lemon).....	Italy, Spain	1	3		Calif.,* Mich., Pa.
<i>Citrus paradisi</i> (grapefruit).....	Japan			1	Calif.,*
<i>Citrus sinensis</i> (orange).....	Straits Settlements			1	N. Y.
<i>Septoria leucanthemi</i> Sacc. & Speg.: <i>Chrysanthemum maximum</i> (shasta daisy).....	Mexico, Scotland	2		1	N. J., Tex.
<i>Chrysanthemum</i> sp.....	Japan, unknown			1	Hawaii, N. Y.
<i>Septoria macrosporia</i> Dearn.: Daisy.....	Mexico	1			Tex.
<i>Septoria posekenensis</i> Sacc.: <i>Cymbidium devonianum</i> (orchid).....	India			4	Calif.*
<i>Cymbidium elegans</i>	do			3	Calif.*
<i>Cypripedium callosum</i> (orchid).....	Siam			1	Calif.*
<i>Cypripedium fairieanum</i>	India			6	Calif.,* N. J.
<i>Odontoglossum citrosimum</i> (orchid).....	Mexico			2	Calif.,* Tex.
<i>Septosporium scyphophorum</i> Cke. & Harkn.: <i>Eucalyptus</i> sp.....	do	1			Tex.
Medicinal herb.....	do	1			Tex.
<i>Sorosporium syntherismae</i> (Pk.) Farl.: <i>Panicum</i> sp.....	Argentina	1			Tex.
<i>Sphaceloma perseae</i> Jenkins: <i>Persea americana</i> (avocado).....	Mexico	1			Tex.
<i>Sphaeropsis orchidearum</i> Cif. & Frag.: Orchid.....	Costa Rica			1	Fla.
<i>Stachybotrys subsimplex</i> Cke.: <i>Musa paradisiaca sapientum</i> (banana).....	Panama	2			Calif.*
<i>Stachylidium theobromae</i> Ture.: <i>Musa paradisiaca</i> (plantain).....	Honduras	1			N. Y.
<i>Musa paradisiaca sapientum</i> (banana).....	Mexico, Panama, Philippines, Portugal.	4	1		Calif.,* Mass.

List of pests (diseases) collected and reported from July 1, 1950, to June 30, 1951, inclusive—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Stagnospora macrospora</i> (Dur. & Mont.) Sacc.:					
<i>Agave</i> sp.	Mexico.....	---	---	1	Tex.
<i>Stemphylium botryosum</i> Wallr.:					
<i>Allium porrum</i> (leek).....	do.....	---	1	---	Tex.
<i>Hyacinthus</i> sp.	Netherlands.....	---	---	1	Minn.
<i>Musa paradisica sapientum</i> (banana).....	Mexico.....	---	1	---	Calif.*
<i>Stemphylium iticis</i> Tengwall:					
<i>Muscari botryoides</i> (grapehyacinth).....	Netherlands.....	---	---	2	N. Y., Tex.
<i>Stemphylium radicinum</i> (Meier, Drechs. & Eddy) Neerg.:					
<i>Daucus carota</i> (carrot).....	England.....	---	1	---	Tex.
<i>Stereum rufum</i> Fr.:					
<i>Populus</i> sp.	Mexico.....	1	---	---	Tex.
<i>Stigmella sacchari</i> Speg.:					
<i>Saccharum officinarum</i> (sugarcane).....	Hawaii.....	1	---	---	Calif.*
<i>Stilbum incarnatum</i> Wakk.:					
<i>Castanea</i> sp. (chestnut).....	Japan.....	1	---	---	Calif.*
<i>Dahlia</i> sp.	Australia.....	---	---	1	Calif.*
<i>Eleocharis dulcis</i> (waternut).....	China.....	3	---	---	Calif.*
<i>Pachyrhizus tuberosus</i> (West Indies yam).....	do.....	3	---	---	Calif.*
<i>Trapa natans</i> (waterchestnut).....	do.....	1	---	---	Calif.*
<i>Stomatogone agares</i> (Ell. & Ev.) Th. & Syd.:					
<i>Yucca aloifolia</i> (Spanish dagger).....	Mexico.....	1	---	---	Tex.
<i>Yucca</i> sp.	do.....	1	---	---	Tex.
Streak (winter blight):					
<i>Lycopersicon esculentum</i> (tomato).....	do.....	2	---	---	Ariz.
<i>Thecopsora areolata</i> (Fr.) Magn.:					
<i>Picea abies</i> (Norway spruce).....	Austria.....	1	---	---	Calif.*
<i>Thielaviopsis basicola</i> (Berk. & Br.) Ferr.:					
<i>Begonia</i> sp.	Netherlands.....	---	---	1	Calif.*
<i>Sinningia speciosa</i> (gloxinia).....	Belgium.....	---	---	9	Calif.*
					N. J., Pa.
<i>Torula oleae</i> Cast.:					
<i>Olea europaea</i> (olive).....	Azores.....	---	---	1	Mass.
<i>Trichoderma viride</i> Fr.:					
<i>Pandanus</i> sp. (screw pine).....	Kwajalein.....	1	---	---	Hawaii.
<i>Tritirachium dependens</i> Limber:					
<i>Gladiolus</i> sp.	Africa, Japan.....	---	---	2	La., N. Y.
<i>Lilium auratum</i> (goldband lily).....	Japan.....	---	---	4	Calif.*
<i>Lilium concolor</i> (morningstar lily).....	do.....	---	---	1	Calif.*
<i>Lilium giganteum</i> (giant lily).....	do.....	---	---	1	Calif.*
<i>Lilium longiflorum</i> (Easter lily).....	do.....	---	---	3	Calif.*
<i>Lilium rubellum</i> (rubellum lily).....	do.....	---	---	1	Calif.*
<i>Lilium speciosum rubrum</i> (pink speciosum lily).....	do.....	---	---	6	Calif.*
<i>Lilium</i> sp.	Bermuda, China, Japan.....	4	---	3	Calif.*
					N. Y.
<i>Lycoris radiata</i> (shorttube lycoris).....	Japan.....	---	---	1	Calif.*
<i>Narcissus</i> sp.	China.....	1	---	---	Calif.*
<i>Trullula olivascens</i> Sacc.:					
<i>Citrus sinensis</i> (orange).....	Argentina.....	---	1	---	Calif.*
<i>Tryblidiella rufula</i> (Spreng.) Sacc.:					
Unknown stem.....	Mexico.....	1	---	---	Tex.
<i>Uredo aurantiaca</i> Mont.:					
<i>Oncidium</i> sp. (orchid).....	Brazil.....	---	---	1	N. J.
<i>Uredo behnickiana</i> P. Henn.:					
<i>Brassavola</i> sp. (orchid).....	Mexico.....	---	---	1	Tex.
<i>Laelia anceps</i> (orchid).....	do.....	---	---	2	Tex.
<i>Uredo guacae</i> Mayor:					
<i>Stanhopea</i> sp. (orchid).....	Costa Rica, Mexico.....	---	---	2	Fla., Tex.
<i>Uredo jucunda</i> Syd.:					
<i>Philodendron</i> sp.	Costa Rica.....	---	---	2	Fla.
<i>Uredo nigropunctata</i> P. Henn.:					
<i>Eletia</i> sp. (orchid).....	Bahamas.....	---	---	1	Fla.
<i>Uredo oncidii</i> P. Henn.:					
<i>Oncidium bicallosum</i> (orchid).....	Guatemala.....	---	---	1	Calif.*
<i>Oncidium capendishianum</i>	Mexico.....	---	---	2	Fla., Tex.
<i>Oncidium cebolleta</i>	do.....	---	---	1	Tex.

List of pests (diseases) collected and reported from July 1, 1950, to June 30, 1951,
inclusive—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Urocystis colchici</i> (Schlecht.) Rab.:					
<i>Colchicum autumnale album</i>	Netherlands.....			1	N. J.
<i>Colchicum autumnale major</i>	do.....			1	N. J.
<i>Colchicum autumnale minor</i>	do.....			1	N. J.
<i>Colchicum bornmuelleri</i>	do.....			3	N. J.
<i>Colchicum</i> sp.....	do.....			7	N. J.
<i>Urocystis gladiolicola</i> Ainsworth:					
<i>Gladiolus</i> sp.....	do.....			1	N. J.
<i>Uromyces alyxiae</i> Arth.:					
<i>Alyxia olivaeformis</i>	Hawaii.....	2			Calif.*
<i>Uromyces lespezdeae-procumbentis</i> (Schw.) Curt.:					
<i>Lespedeza stipulacea</i> (Korean lespedeza).....	China.....			1	Calif.*
<i>Uromyces striatus</i> Schroet. var. <i>medicaginis</i> (Pass.) Arth.:					
<i>Medicago sativa</i> (alfalfa).....	Argentina.....	1			Tex.
<i>Ustilago tritici</i> (Pers.) Rost.:					
<i>Triticum aestivum</i> (wheat).....	England.....	1			Calif.*
<i>Venturia inaequalis</i> (Cke.) Wint. var. <i>cinerascens</i> (Fekl.) Aderh.:					
<i>Sorbus aucuparia</i> (European mountain-ash).....	Germany.....	1			N. Y.
<i>Vermicularia dematium</i> Fr.:					
<i>Dahlia</i> sp.....	Australia.....			1	Calif.*
Virus—undetermined:					
<i>Crossandra</i> sp.....	Canal Zone.....			1	Fla.
<i>Xanthomonas citri</i> (Hasse) Dowson:					
<i>Citrus aurantifolia</i> (sour lime).....	India, Indonesia.....		14		Ala., Mas N. Y.
<i>Citrus grandis</i> (pummelo).....	China, Japan.....	2	1		Calif.*
<i>Citrus grandis</i> (?).....	Straits Settlements.....		1		Calif.*
<i>Citrus limon</i> (lemon).....	India, Japan.....		18		Calif.*
<i>Citrus mitis</i> (calamondin orange) (?).....	India.....		1		N. Y.
<i>Citrus paradisi</i> (grapefruit).....	Ceylon, China, Japan.....		4		Calif.,* Mass.
<i>Citrus reticulata</i> (Mandarin orange).....	China.....	6			Calif.*
<i>Citrus sinensis</i> (orange).....	Ceylon, China, Japan.....	11	6		Calif.,* Pa.
<i>Citrus</i> sp.....	Japan (?).....		1		Wash.
<i>Xanthomonas hyacinthi</i> (Wakk.) Dowson:					
<i>Hyacinthus</i> sp.....	Netherlands.....			14	Mich., N. Y.
<i>Xanthomonas</i> sp. (Cancerosis "B"):					
<i>Citrus limon</i> (lemon).....	Argentina.....		6		La., N. Y., Pa., Tex.
Yellow-mottle virus:					
<i>Camellia sasanqua</i> (sasanqua tea).....	Japan.....			1	Calif.*

Hosts and diseases

- ABIES:**
Hormiscium pinophilum (Deuteromycetes)
Sclerotinia kernerii (Ascomycetes)
- ACER:**
Calospora platanoidis (Ascomycetes)
Pestalotia japonica (Deuteromycetes)
- AGAVE:**
Coniosporium agaves (Deuteromycetes)
Lembosia agave (Ascomycetes)
Schizophyllum commune (Basidiomycetes)
Stagnospora macrospora (Deuteromycetes)
- ALLIUM CEPA:**
Alternaria porri (Deuteromycetes)
Aphelenchus avenae (Nematoda)
Cercospora dudidae (Deuteromycetes)
Ditylenchus dipsaci (Nematoda)
- ALLIUM PORRUM:**
Puccinia porri (Promycetes)
Stemphylium botryosum (Deuteromycetes)
- ALLIUM SATIVUM:**
Sclerotium cepivorum (Deuteromycetes)
- ALYXIA:**
Uromyces alyziae (Promycetes)
- ANDROMEDA:**
Mycosphaerella punctiformis (Ascomycetes)
- ANTIRRHINUM:**
Puccinia antirrhini (Promycetes)
- ARAUCARIA:**
Pestalotia funerea (Deuteromycetes)
- ARECA:**
Gloeosporium catechu (Deuteromycetes)
Phomopsis palmicola (Deuteromycetes)
- BAMBOO:**
Apiospora montagnei (Phycomycetes)
Diplodia theobromae (Deuteromycetes)
Papularia sphaerosperma (Deuteromycetes)
Papularia vinosa (Deuteromycetes)
- BEGONIA:**
Chlamydomyces palmarum (Deuteromycetes)
Meloidogyne arenaria (Nematoda)
Thielaviopsis basicola (Deuteromycetes)
- BLETIA:**
Uredo nigropunctata (Promycetes)
- BOCCONIA:**
Cercospora bocconiae (Deuteromycetes)
- BRASSAVOLA:**
Uredo behnickiana (Promycetes)
- BUXUS:**
Microthyrium microscopicum (Ascomycetes)
Puccinia buxi (Promycetes)
- CAJANUS:**
Colletotrichum cajani (Deuteromycetes)
- CAMELLIA:**
Discosia artoceas (Deuteromycetes)
Pestalotia guepini (Deuteromycetes)
Yellow-mottle virus
- CAPSIUM:**
Gloeosporium piperatum (Deuteromycetes)
- CARYA:**
Phyllosticta caryae (Deuteromycetes)
- CASTANEA:**
Cylospora ceratophora (Deuteromycetes)
Stilbum incarnatum (Deuteromycetes)
- CATTLEA:**
Chiodecton sanguineum (Ascomycetes)
Pestalotia conspicua (Deuteromycetes)
Pythium ultimum (Phycomycetes)
- CEANOTHUS:**
Clonostachys araucaria (Deuteromycetes)
- CENTAUREA:**
Cercospora centaureae (Deuteromycetes)
- CHAMAEDOREA:**
Mycosphaerella advena (Ascomycetes)
- CHRYSANthemUM:**
Leptosphaeria vagabunda (Ascomycetes)
Puccinia chrysanthemi (Promycetes)
Septoria chrysanthemi (Deuteromycetes)
Septoria leucanthemi (Deuteromycetes)
- CHUSQUEA:**
Coniosporium chusqueae (Deuteromycetes)
- CICHORIUM:**
Sclerotinia minor (Ascomycetes)
- CITRUS AURANTIFOLIA:**
Elsinoe australis (Ascomycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS GRANDIS:**
Meliola citricola (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS LIMON:**
Botryosphaeria ribis (Ascomycetes)
Elsinoe australis (Ascomycetes)
Elsinoe fawcetti var. *scabiosa* (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Septoria citri (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
Xanthomonas sp. (Cancerosis "B") (Schizomycetes)
- CITRUS MITIS (?) :**
Xanthomonas citri (Schizomycetes)
- CITRUS PARADISI:**
Alternaria citri (Deuteromycetes)
Phoma citricarpa (Deuteromycetes)
Septoria citri (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS RETICULATA:**
Alternaria citri (Deuteromycetes)
Hypocrella caulium (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS SINENSIS:**
Alternaria citri (Deuteromycetes)
Ascochyta citri (Deuteromycetes)
Elsinoe australis (Ascomycetes)
Erwinia citrasmaculans (Schizomycetes)
Leptosia
Myriangium duriae (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Phoma limonii (Deuteromycetes)
Septoria citri (Deuteromycetes)
Trullula olivascens (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS SP. (orange):**
Elsinoe chlamydospora (Ascomycetes)
- CITRUS SP.:**
Alternaria citri (Deuteromycetes)
Phoma citricarpa (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CLEMATIS:**
Meloidogyne arenaria (Nematoda)
- COCOS:**
Diplodia coccarpa (Deuteromycetes)
Diplodia epicocos (Deuteromycetes)
Isaria clavata (Deuteromycetes)
Pestalotia palmarum (Deuteromycetes)
Phomopsis coccis (Deuteromycetes)
Urocystis colchici (Promycetes)
- COFFEA:**
Cercospora coffeicola (Deuteromycetes)
Colletotrichum coffeanum (Deuteromycetes)
- COLCHICUM:**
Urocystis colchici (Promycetes)
- COLOCASIA:**
Dendryphium obtipum (Deuteromycetes)
- CONVALLARIA:**
Aphelenchoides parietinus (Nematoda)
- COTINUS:**
Cylospora rhoina (Deuteromycetes)
- CROSSANDRA:**
Virus—undetermined
- CUCURBITA:**
Diplodia theobromae (Deuteromycetes)
- CYDONIA:**
Entomosporium maculatum (Deuteromycetes)
Fabraea maculata (Ascomycetes)
Monilinia fructigena (Ascomycetes)
- CYMBIDIUM:**
Pestalotia conspicua (Deuteromycetes)
Septoria posekensis (Deuteromycetes)
- CYMBOPOGON:**
Nigrospora sphaerica (Deuteromycetes)
- CYPRIPEDIUM:**
Septoria posekensis (Deuteromycetes)
- DAHLIA:**
Entyloma dahliae (Promycetes)
Stilbum incarnatum (Deuteromycetes)
Vermicularia dematium (Deuteromycetes)
- DAISY:**
Septoria macrospora (Deuteromycetes)

Hosts and diseases—Continued

- DAUCUS:**
Stemphylium radicinum (Deuteromycetes)
- DENDROBIUM:**
Pestalotia conspicua (Deuteromycetes)
Phyllosticta laeliae (Deuteromycetes)
- DIANTHUS:**
Alternaria dianthi (Deuteromycetes)
Puccinia arenariae (Promycetes)
- DIOSPYROS:**
Cercospora kaki (Deuteromycetes)
Pestalotia diospyri (Deuteromycetes)
- ECHINOCACTUS:**
Mycosphaerella opuntiae (Ascomycetes)
- ELEOCHARIS:**
Silbium incarnatum (Deuteromycetes)
- EPIDENDRUM:**
Pestalotia conspicua (Deuteromycetes)
- EUCALYPTUS:**
Pestalotia disseminata (Deuteromycetes)
Sclerosporium scyphophorum (Deuteromycetes)
- FICUS:**
Phomopsis cinerescens (Deuteromycetes)
- FRAGARIA:**
Diplocarpon earliana (Ascomycetes)
Ramularia tulasnei (Deuteromycetes)
- FRAXINUS:**
Cercospora fraxinites (Deuteromycetes)
Marssonina fraxini (Deuteromycetes)
- GALANTHUS:**
Botrytis galanthina (Deuteromycetes)
- GARCINIA:**
Diplodia theobromae (Deuteromycetes)
- GARDENIA:**
Mycena citricolor [*Omphalia flavida*] (Deuteromycetes)
- GAULTHERIA:**
Phyllosticta gaultheriae (Deuteromycetes)
- GLADIOLUS:**
Aphelenchus avenae (Nematoda)
Botrytis gladiolorum (Deuteromycetes)
Curularia lunata (Deuteromycetes)
Fusarium oxysporum f. *gladioli* (Deuteromycetes)
Heterosporium iridis (Deuteromycetes)
Pulaskia parasitica (Deuteromycetes)
Pseudomonas marginata (Schizomycetes)
Tritirachium dependens (Deuteromycetes)
Urocystis gladiolicola (Promycetes)
- GOSSYPIMUM:**
Cercospora gossypina (Deuteromycetes)
Phakopsora desmumii (Promycetes)
Puccinia stakmanii (Promycetes)
- GYPSOPHILA:**
Alternaria dianthi (Deuteromycetes)
- HEDERA:**
Colletotrichum trichellum (Deuteromycetes)
- HELLEBORUS:**
Coniothyrium hellebori (Deuteromycetes)
- HIBISCUS:**
Metasphaeria hibiscicola (Ascomycetes)
Phomopsis ophites (Deuteromycetes)
- HORDEUM:**
Puccinia hordei (Promycetes)
- HYACINTHUS:**
Stemphylium botrysosum (Deuteromycetes)
Xanthomonas hyacinthi (Schizomycetes)
- HYDRANGEA:**
Phoma hortensiae (Deuteromycetes)
- ILEX:**
Gloeosporium aquifolii (Deuteromycetes)
- IPOMOEA:**
Coleosporium ipomoeae (Promycetes)
Diplodia gossypina (Deuteromycetes)
Macrophomina phaseolina (Deuteromycetes)
- IRIS:**
Colletotrichum liliacearum (Deuteromycetes)
Ditylenchus iridis (Nematoda)
Heterosporium iridis (Deuteromycetes)
Paraphelenchus amblygurus (Nematoda)
- JUGLANS:**
Marssonina juglandis (Deuteromycetes)
- JUNIPERUS:**
Gymnosporangium haraeaeum (Promycetes)
Gymnosporangium japonicum (Promycetes)
Mytilidion decipiens (Ascomycetes)
- KIGELIA:**
Diplodia theobromae (Deuteromycetes)
- LABURNUM:**
Coniothyrium cylisellum (Deuteromycetes)
Coniothyrium olivaceum (Deuteromycetes)
- LAELIA:**
Uredo behnickiana (Promycetes)
- LAURUS:**
Cercospora purpurea (Deuteromycetes)
- LESPEDeza:**
Uromyces lespedezae-procumbentis (Promycetes)
- LEUCOTHOE:**
Diplodina rostrupii (Deuteromycetes)
- LILIUM:**
Botrytis elliptica (Deuteromycetes)
Colletotrichum lili (Deuteromycetes)
Gliomastix convoluta (Deuteromycetes)
Memnoniella echinata (Deuteromycetes)
Tritirachium dependens (Deuteromycetes)
- LIMONIUM:**
Cercospora insulana (Deuteromycetes)
- LINUM:**
Pleospora herbarum (Ascomycetes)
- LIPPIA:**
Cercospora lippiae (Deuteromycetes)
- LYCOPERSICON:**
Phytophthora parasitica (Phycomycetes)
Streak (winter blight)
- LYCORIS:**
Botrytis elliptica (Deuteromycetes)
Tritirachium dependens (Deuteromycetes)
- MALUS:**
Coniothyrium pirinum (Deuteromycetes)
Gloeosporium perennans (Deuteromycetes)
Leptothyrium pomi (Deuteromycetes)
Monilinia fructicola (Ascomycetes)
Mycosphaerella pomi (Ascomycetes)
Phoma pomi (Deuteromycetes)
Physalospora oblusa (Ascomycetes)
- MANGIFERA:**
Cercospora mangiferae (Deuteromycetes)
Phyllosticta mortoni (Deuteromycetes)
- MATHIOLA:**
Alternaria raphani (Deuteromycetes)
- MAXILLARIA:**
Dendryphyum toruloides (Deuteromycetes)
- MEDICAGO:**
Fusarium oxysporum f. *medicaginis* (Deuteromycetes)
Pseudopeziza medicaginis (Ascomycetes)
Uromyces striatus var. *medicaginis* (Promycetes)
- MORUS:**
Diplodia gossypina (Deuteromycetes)
- MUSA PARADISIACA SAPIENTUM:**
Cercospora musae (Deuteromycetes)
Hormodendron cladosporioides (Deuteromycetes)
Macrophoma musae (Deuteromycetes)
Stachybotrys subsimplex (Deuteromycetes)
Stachylidium theobromae (Deuteromycetes)
Stemphylium botrysosum (Deuteromycetes)
- MUSCARI:**
Stemphylium ilicis (Deuteromycetes)
- NARCISSUS:**
Fusarium oxysporum f. *narcissi* (Deuteromycetes)
Ophiostoma narcissi (Ascomycetes)
Tritirachium dependens (Deuteromycetes)
- NEPETA:**
Cercospora nepelae (Deuteromycetes)
- NERIUM:**
Cercospora neriella (Deuteromycetes)
- NYMPHAEA:**
Diplodia gossypina (Deuteromycetes)
- ODONTOGLOSSUM:**
Cercospora anagrei (Deuteromycetes)
Septoria posekensis (Deuteromycetes)
- OLEA:**
Gloeosporium olivarum (Deuteromycetes)
Pseudomonas savastanoi (Schizomycetes)
Torula oleae (Deuteromycetes)
- ONCIDIUM:**
Uredo aurantiaca (Promycetes)
Uredo oncidii (Promycetes)

Hosts and diseases—Continued

ORANIA:

Gliomastix convoluta (Deuteromycetes)

ORCHID:

Cercospora angreci (Deuteromycetes)*Pestalotia conspicua* (Deuteromycetes)*Schizophyllum commune* (Basidiomycetes)*Sphaeropsis orchidearum* (Deuteromycetes)

ORNITHOGALUM:

Heterosporium ornithogali (Deuteromycetes)*Puccinia ornithogali-thyrsoideis* (Promycetes)

ORYZA:

Cladosporium oryzae (Deuteromycetes)*Helminthosporium oryzae* (Deuteromycetes)*Nigrospora sphaerica* (Deuteromycetes)*Phaeosphaeria oryzae* (Ascomycetes)*Phyllosticta glumarum* (Deuteromycetes)*Sclerotium irregulare* (Deuteromycetes)

PACHYRHIZUS:

Stilbum incarnatum (Deuteromycetes)

PAEONIA:

Botryosphaeria ribis (Ascomycetes)*Lepiostromella hysterioides* (Deuteromycetes)*Pestalotia paeoniae* (Deuteromycetes)*Phlycteneta ranunculacearum* (Deuteromycetes)

PALM:

Calacauma sabal (Ascomycetes)*Diplodia theobromae* (Deuteromycetes)*Hendersonia sabaleos* (Deuteromycetes)*Mycosphaerella palmae* (Ascomycetes)*Pestalotia palmarum* (Deuteromycetes)

PANDANUS:

Trichoderma viride (Deuteromycetes)

PANICUM:

Sorosporium syntherismae (Promycetes)

PASPALUM:

Cerebella andropogonis (Deuteromycetes)

PASSIFLORA:

Phyllosticta passiflorae (Deuteromycetes)

PERSEA:

Shpaeloma perseae (Deuteromycetes)

PHASEOLUS LUNATUS MACROCARPUS:

Elsinoe phaseoli (Ascomycetes)

PHASEOLUS VULGARIS VAR.:

Isariopsis griseola (Deuteromycetes)*Phytophthora phaseoli* (Phycomycetes)

PHILODENDRON:

Uredo jucunda (Promycetes)

PHRAGMITES:

Lophodermium arundinaceum (Ascomycetes)*Papularia arundinis* (Deuteromycetes)

PICEA:

Thecopsora areolata (Promycetes)

PIERIS:

Diplodina rostrupii (Deuteromycetes)*Pestalotia macrotricha* (Deuteromycetes)

PINUS:

Lophodermium pinastri (Ascomycetes)*Pyrenochaeta acicola* (Deuteromycetes)

PISUM:

Cladosporium pisicola (Deuteromycetes)*Colletotrichum pisi* (Deuteromycetes)*Pseudomonas seminum* (Schizomycetes)

PLUMERIA:

Coleosporium domingense (Promycetes)

POPULUS:

Stereum rufum (Basidiomycetes)

PROSOPIS:

Gloeosporium leguminum (Deuteromycetes)

PRUNUS PERSICA:

Coryneum carpophilum (Deuteromycetes)

PSIDIUM:

Pestalotia psidii (Deuteromycetes)

PUNICA:

Cercospora lythracearum (Deuteromycetes)

PYRUS:

Monilinia fructigena (Ascomycetes)

QUERCUS:

Coniothecium quercina (Deuteromycetes)*Microperella quercus* (Deuteromycetes)

RAPHANUS:

Aphanomyces raphani (Phycomycetes)

RHODODENDRON:

Cercospora handelii (Deuteromycetes)*Ceuthospora lunata* (Deuteromycetes)*Chrysomya rhododendri* (Promycetes)*Diplodina eurhododendri* (Deuteromycetes)*Discosia arctocreas* (Deuteromycetes)*Ezobasidium vacinii* (Basidiomycetes)*Mycosphaerella clintoniana* (Ascomycetes)*Mycosphaerella rhododendri* (Ascomycetes)*Pestalotia guepini* (Deuteromycetes)*Pestalotia macrotricha* (Deuteromycetes)*Pestalotia rhododendri* (Deuteromycetes)*Septoria azaleae* (Deuteromycetes)

RIBES:

Diplodina grossulariae (Deuteromycetes)

RICINUS:

Papulaspora parasitica (Deuteromycetes)

ROSA:

Diplocarpon rosae (Ascomycetes)*Peizella oenotherae* (Ascomycetes)*Phragmidium disciflorum* (Promycetes)*Phragmidium montivagum* (?) (Promycetes)

RUSCUS:

Leptosphaeria rusci (Ascomycetes)*Phoma rusci* (Deuteromycetes)*Phyllosticta ruscicola* (Deuteromycetes)

SACCHARUM:

Apiospora campospora (Ascomycetes)*Colletotrichum falcatum* (Deuteromycetes)*Stigmella sacchari* (Deuteromycetes)

SALIX:

Cryptodiaporthe salicina (Ascomycetes)*Cytospora chrysosperma* (Deuteromycetes)*Cytospora salicis* (Deuteromycetes)*Discella carbonacea* (Deuteromycetes)

SCHOMBURGKIA:

Macrophoma epidendri (Deuteromycetes)

SCIRPUS:

Puccinia oblecta (Promycetes)

SEDUM:

Diplodia sedicola (Deuteromycetes)

SINNINGIA:

Pythium ultimum (?) (Phycomycetes)*Thielaviopsis basicola* (Deuteromycetes)

SOIL:

Aphelenchus avenae (Nematoda)*Heterodera avenae* (Nematoda)*Heterodera cacti* (Nematoda)*Heterodera punctata* (Nematoda)*Heterodera rostochiensis* (Nematoda)*Heterodera schachtii* (Nematoda)*Rotylenchus robustus* (?) (Nematoda)

SOLANUM TUBEROSUM:

Aphelenchus avenae (Nematoda)*Fusarium oxysporum* f. *tuberosi* (Deuteromycetes)*Gliomastix convoluta* (Deuteromycetes)*Macrophoma phaseolina* (Deuteromycetes)*Pseudomonas solanacearum* (Schizomycetes)

SORBUS:

Gymnosporangium juniperi (Promycetes)*Gymnosporangium juniperinum* (Promycetes)*Venturia inaequalis* var. *cinerascens* (Ascomycetes)

SORGHUM:

Colletotrichum graminicolum (Deuteromycetes)

SPINACIA:

Peronospora effusa (Phycomycetes)

STACHYTARPHETA:

Puccinia urbaniana (Promycetes)

STANHOPEA:

Cercospora angreci (Deuteromycetes)*Pestalotia conspicua* (Deuteromycetes)*Uredo guacae* (Promycetes)

STRELITZIA:

Puccinia heliconiae (Promycetes)

TIGRIDIA:

Ditylenchus dipsaci (Nematoda)

TRAPA:

Stilbum incarnatum (Deuteromycetes)

TRICHOLAENA:

Cerebella andropogonis (Deuteromycetes)

TRICHOPILLIA:

Diplodia paraphysaria (Deuteromycetes)

TRIFOLIUM:

Cymadothea trifolii (Ascomycetes)

Hosts and diseases—Continued

TRITICUM: <i>Anguina tritici</i> (Nematoda) <i>Leptosphaeria eustomoides</i> (Ascomycetes) <i>Puccinia glumarum</i> (Promycetes) <i>Puccinia graminis</i> var. <i>tritici</i> (Promycetes) <i>Ustilago tritici</i> (Promycetes)	VIOLA: <i>Puccinia violae</i> (Promycetes)
TRITONIA: <i>Boirytis gladiolorum</i> (Deuteromycetes)	VITIS: <i>Pleospora herbarum</i> (Ascomycetes)
TULIPA: <i>Papulaspora coprophila</i> (Deuteromycetes)	WISTERIA: <i>Coniothyrium olivaceum</i> (Deuteromycetes) <i>Diaporthe eres</i> (Ascomycetes)
TYPHA: <i>Puccinia scirpi</i> (Promycetes)	YUCCA: <i>Stomatogone agaves</i> (Ascomycetes)
VACCINIUM: <i>Mycosphaerella stemmatala</i> (Ascomycetes)	ZANTEDESCHIA: <i>Chaetomium contortum</i> (Ascomycetes)
VANDA: <i>Diplodia henriquesiana</i> (Deuteromycetes)	ZEA: <i>Colletotrichum graminicolum</i> (Deuteromycetes)
	ZINGIBER: <i>Glimoastix convoluta</i> (Deuteromycetes) <i>Melanospora zamiae</i> (Ascomycetes) <i>Memnoniella echinata</i> (Deuteromycetes)

Hosts unknown

HERB: <i>Septosporium scyphophorum</i> (Deuteromycetes)	STEM: <i>Dibotryon morbosum</i> (Ascomycetes) <i>Tryblidiella rufula</i> (Ascomycetes)
---	---

Countries of origin and diseases

AFRICA: <i>Tritirachium dependens</i>	CANADA: <i>Discosia arctocreas</i> <i>Leptosphaeria vagabunda</i> <i>Phragmidium montivagum</i>
ARGENTINA: <i>Alternaria citri</i> <i>Cytospora salicis</i> <i>Elsinoe australis</i> <i>Pseudopeziza medicaginis</i> <i>Sorosporium syntherismae</i> <i>Trullula olivascens</i> <i>Uromyces striatus</i> var. <i>medicaginis</i> <i>Xanthomonas</i> sp. (Cancrosis "B")	CANAL ZONE: <i>Cercospora musae</i> <i>Coleosporium domingense</i> <i>Diplodia paraphysaria</i> <i>Virus</i> —undetermined
AUSTRALIA: <i>Cerebella andropogonis</i> <i>Colletotrichum lilacearum</i> <i>Elsinoe fawcettii</i> var. <i>scabiosa</i> <i>Gliomastix convoluta</i> <i>Pestalotia conspicua</i> <i>Phoma citricarpa</i> <i>Phyllosticta laeliae</i> <i>Phyllosticta passiflorae</i> <i>Stilbum incarnatum</i> <i>Vermicularia dematium</i>	CEYLON: <i>Xanthomonas citri</i>
AUSTRIA: <i>Botrytis gladiolorum</i> <i>Chrysomyxa rhododendri</i> <i>Heterodera punctata</i> <i>Thecopsora areolata</i>	CHILE: <i>Coniosporium chusqueae</i>
AZORES: <i>Pestalotia guerpini</i> <i>Phoma hortensiae</i> <i>Torula oleae</i>	CHINA: <i>Botrytis elliptica</i> <i>Colletotrichum lilii</i> <i>Dendryphium obtusum</i> <i>Diplodia gossypina</i> <i>Gliomastix convoluta</i> <i>Helminthosporium oryzae</i> <i>Melanospora zamiae</i> <i>Meliola citricola</i> <i>Memnoniella echinata</i> <i>Phoma citricarpa</i> <i>Sclerotium irregulare</i> <i>Stilbum incarnatum</i> <i>Tritirachium dependens</i> <i>Uromyces lespeziae-procumbentis</i> <i>Xanthomonas citri</i>
BAHAMAS: <i>Colletotrichum falcatum</i> <i>Diplodia gossypina</i> <i>Uredo nigropunctata</i>	COLOMBIA: <i>Cercospora musae</i>
BELGIUM: <i>Cercospora angreii</i> <i>Chlamydomyces palmarum</i> <i>Heterodera rostochiensis</i> <i>Meloidogyne arenaria</i> <i>Pleospora herbarum</i> <i>Pythium ultimum</i> <i>Sclerotinia minor</i> <i>Septoria azaleae</i> <i>Thielaviopsis basicola</i>	COSTA RICA: <i>Cercospora musae</i> <i>Macrophoma musae</i> <i>Pestalotia conspicua</i> <i>Sphaeropsis orchidearum</i> <i>Uredo guacae</i> <i>Uredo jucunda</i>
BERMUDA: <i>Cercospora neriella</i> <i>Colletotrichum lilii</i> <i>Tritirachium dependens</i>	CUBA: <i>Colletotrichum falcatum</i> <i>Elsinoe phaseoli</i> <i>Pestalotia palmarum</i>
BOLIVIA: <i>Leprosis</i>	CYPRUS: <i>Gloeosporium olivarium</i>
BRAZIL: <i>Chiodecton sanguineum</i> <i>Diplocarpon rosae</i> <i>Diplodia theobromae</i> <i>Elsinoe australis</i> <i>Leprosis</i> <i>Pestalotia conspicua</i> <i>Uredo aurantiaca</i>	CZECHOSLOVAKIA: <i>Diplocarpon earliana</i>
	DENMARK: <i>Aphelenchoides parietinus</i> <i>Calospora platanoidis</i> <i>Entyloma dahliae</i> <i>Heterodera punctata</i> <i>Heterodera rostochiensis</i>
	DOMINICAN REPUBLIC: <i>Phyllosticta glumarum</i>
	ECUADOR: <i>Elsinoe australis</i>

Countries of origin and diseases—Continued

ENGLAND:

Alternaria dianthi
Chrysomyxa rhododendri
Cytospora ceratophora
Cytospora rhoiae
Heterodera avenae
Heterodera punctata
Heterodera rostochiensis
Monilinia fructigena
Ophiostoma narcissi
Puccinia arenariae
Puccinia buxi
Puccinia chrysanthemi
Rotylenchus robustus
Stemphylium radicinum
Ustilago tritici

FIJI ISLANDS:

Pestalotia conspicua
Phoma citricarpa

FINLAND:

Heterodera rostochiensis

FRANCE:

Cymadothea trifolii
Cytospora salicis
Gloeosporium aquifolii
Heterodera cacti
Pestalotia guepini
Physalospora obtusa
Ramularia tulasnei

GERMANY:

Colletotrichum graminicolum
Colletotrichum trichellum
Diplodina grossulariae
Heterodera punctata
Heterodera rostochiensis
Hormiscium pinophilum
Leptosphaeria eustomoides
Ophiostoma narcissi
Phragmidium disciflorum
Physalospora obtusa
Puccinia antirrhini
Venturia inaequalis var. *cinerascens*

GUAM:

Diplodia cococarpa
Phomopsis cocoes

GUATEMALA:

Cercospora angreii
Cercospora musae
Mycena citricolor
Puccinia graminis var. *tritici*
Uredo oncidii

HAWAII:

Diplodia cococarpa
Macrophoma musae
Pestalotia palmarum
Schizophyllum commune
Stigmella sacchari
Uromyces alyxiae

HONDURAS:

Cercospora musae
Hormodendron cladosporioides
Pestalotia conspicua
Stachyidium theobromae

ICELAND:

Heterodera punctata

INDIA:

Cladosporium oryzae
Colletotrichum lilii
Diplodia theobromae
Macrophoma musae
Septoria posekensis
Xanthomonas citri

INDONESIA:

Xanthomonas citri

IRAQ:

Nigrospora sphaerica

IRELAND:

Colletotrichum trichellum
Heterodera punctata
Heterodera rostochiensis

ISLE OF MAN:

Heterodera avenae
Heterodera punctata

ISRAEL:

Heterodera cacti
Heterodera punctata

ITALY:

Botryosphaeria ribis
Colletotrichum graminicolum
Gloeosporium olivaceum
Heterodera cacti
Heterodera schachtii
Leptosphaeria rusci
Marssonina juglandis
Monilinia fructigena
Phoma rusci
Phragmidium disciflorum
Phyllotictia ruscicola
Pleospora herbarum
Pseudomonas savastanoi
Puccinia glumarum
Sclerotium cepivorum
Septoria citri

JAPAN:

Alternaria citri
Apiospora montagnei
Botryosphaeria ribis
Botrytis elliptica
Botrytis gladiolorum
Cercospora kaki
Cladosporium oryzae
Colletotrichum lilii
Coniothyrium olivaceum
Diaporthe eres
Discoaria arceae
Glomastix conroluta
Gymnosporangium haraeaeum
Gymnosporangium japonicum
Leptostromella hysterioides
Lophodermium pinastri
Macrophoma phaseolina
Mennoniella echinata
Microperella quercus
Mytilidion decipiens
Nigrospora sphaerica
Papularia sphaerosperma
Papulaspora parasitica
Paraphelenchus amblyurus
Pestalotia diospyri
Pestalotia guepini
Pestalotia japonica
Pestalotia paeoniae
Phaeosphaeria oryzae
Phlytaena ranunculacearum
Phoma citricarpa
Pyrenochaeta acicola
Septoria chrysanthemi
Septoria citri
Septoria leucanthemi
Stilbum incarnatum
Tritirachium dependens
Xanthomonas citri
Yellow-mottle virus

KWAJALEIN ISLAND:

Diplodia epicocos
Trichoderma viride

LUXEMBOURG:

Heterodera rostochiensis

MARSHALL ISLANDS:

Diplodia cococarpa
Pestalotia palmarum

MEXICO:

Alternaria citri
Alternaria dianthi
Alternaria porri
Alternaria raphani
Aphanomyces raphani
Aphe'enchus avenae
Apiospora camptospora
Ascochyta citri
Botrytis gladiolorum
Catacauma sabal
Cercospora angreii
Cercospora bocconiae
Cercospora centaureae
Cercospora coffeicola

Countries of origin and diseases—Continued

MEXICO—Continued

Cercospora duddiae
Cercospora frazziniles
Cercospora gossypina
Cercospora insulana
Cercospora lippiae
Cercospora lythracearum
Cercospora mangiferae
Cercospora musae
Cercospora nepetae
Cercospora purpurea
Cladosporium pisicola
Coleosporium ipomoeae
Colletotrichum falcatum
Colletotrichum graminicolum
Colletotrichum pisi
Coniosporium agaves
Coniothecium quercina
Coniothyrium pirinum
Coryneum carpophilum
Curvularia lunata
Dendryphium toruloides
Dibolyon morbosum
Diplodia gossypina
Diplodia sedicola
Diplodia theobromae
Ditylenchus dipsaci
Entomosporium maculatum
Fabraea maculata
Fusarium oxysporum f. medicaginis
Fusarium oxysporum f. tuberosi
Gloeosporium leguminum
Gloeosporium piperatum
Heterodera cacti
Heterosporium iridis
Isaria clavata (?)
Leptothyrium pomi
Macrophoma epidendri
Macrophoma musae
Macrophomina phaseolina
Marssonina frazzini
Mycena citricolor
Mycosphaerella advena
Mycosphaerella opuntiae
Mycosphaerella palmae
Papularia vinosa
Peronospora effusa
Pestalotia conspicua
Pestalotia disseminata
Pestalotia palmarum
Pestalotia psidii
Phoma limonii
Phomopsis cinerescens
Phyllosticta caryae
Phyllosticta gaultheriae
Phyllosticta mortoni
Phytophthora parasitica
Phytophthora phaseoli
Pseudomonas solanacearum
Puccinia hordei
Puccinia obtecta
Puccinia scirpi
Puccinia stakmanii
Schizophyllum commune
Septoria chrysanthemi
Septoria leucanthemi
Septoria macrospora
Septoria posekensis
Septosporium scyphophorum
Sphaceloma perseae
Stachylidium theobromae
Stagnospora macrospora
Stemphylium botryosum
Stereum rufum
Stomatogone agaves
Streak (winter blight)
Tryblidiella rufula
Uredo behnickiana
Uredo guacae
Uredo oncidii

NETHERLANDS:

Aphelenchus avenae
Botrytis galanthina
Botrytis gladiolorum
Cercospora handelii
Ceuthospora lunata

NETHERLANDS—Continued

Chaetomium contortum
Clonostachys araucaria
Coniothyrium cytisellum
Coniothyrium hellebori
Coniothyrium olivaceum
Cryptodiaporthe salicina
Cytospora chrysosperma
Diplodina eurhododendri
Diplodina rostrupii
Discella carbonacea
Ditylenchus dipsaci
Ditylenchus iridis
Exobasidium vaccinii
Fusarium oxysporum f. gladioli
Fusarium oxysporum f. narcissi
Gliomastix convoluta
Heterodera avenae
Heterodera punctata
Heterodera rostochiensis
Lophodermium arundinaceum
Meloidogyne arenaria
Microthyrium microscopium
Mycosphaerella clintoniana
Mycosphaerella punctiformis
Mycosphaerella rhododendri
Ophiotoma narcissi
Papularia arundinis
Papulaspora coprophila
Pestalotia macrotricha
Pestalotia rhododendri
Pezizella oenotherae
Phomopsis ophites
Pseudomonas marginata
Septoria azaleae
Stemphylium botryosum
Stemphylium ilicis
Thielaviopsis basicola
Urocystis colchici
Urocystis gladiolcola
Xanthomonas hyacinthi

NEW ZEALAND:

Heterosporium iridis
Montilinia fructicola
Mycosphaerella pomi
Phoma citricarpa

NIGERIA:

Cercospora musae
Diplodia coccarpa

NORWAY:

Gymnosporangium juniperinum
Heterodera punctata
Heterodera rostochiensis
Hormiscium pinophilum
Phoma pomi
Puccinia violae

PANAMA:

Cercospora musae
Macrophoma musae
Stachybotrys subsimplex
Stachylidium theobromae

PARAGUAY:

Elsinoe australis

PHILIPPINES:

Diplodia coccarpa
Gloeosporium catechu
Papulaspora parasitica
Pestalotia palmarum
Phomopsis cocoes
Stachylidium theobromae

POLAND:

Heterodera rostochiensis

PORTUGAL:

Cladosporium pisicola
Pseudomonas seminum
Stachylidium theobromae

PUERTO RICO:

Colletotrichum cajani
Elsinoe phaseoli
Isariopsis griscola
Lembosia agave
Phakopsora desmiana
Puccinia urbaniana

Countries of origin and diseases—Continued

SCOTLAND:

Heterodera punctata
Heterodera rostochiensis
Pestalotia funerea
Septoria leucanthemi

SIAM:

Diplodia henriquesiana
Myriangium duriaei
Septoria posekensis

SPAIN:

Heterodera punctata
Heterodera rostochiensis
Septoria citri

STRAITS SETTLEMENTS:

Gliomastix convoluta
Septoria citri
Xanthomonas citri

SWEDEN:

Gliomastix convoluta
Gloeosporium perennans
Gymnosporangium juniperi
Gymnosporangium juniperinum
Heterodera punctata
Heterodera rostochiensis
Monilinia fructigena
Mycosphaerella stemmatala
Puccinia porri

SWITZERLAND:

Chrysomyxa rhododendri
Coniothyrium hellebori
Heterodera punctata
Heterodera rostochiensis
Puccinia arenariae
Sclerotinia kerneri

SYRIA:

Anguina tritici

TAHITI:

Memnoniella echinata

TRINIDAD:

Hypocrella caulium
Melasmaeria hibiscicola
Puccinia heliconiae

TURKEY:

Anguina tritici

UNION OF SOUTH AFRICA:

Alternaria citri
Diplodia theobromae
Erwinia citrinaculans
Hendersonia sabaleos
Heterosporium ornithogali
Phoma citricarpa
Puccinia ornithogalli-thyrsoideis

UNKNOWN:

Chrysomyxa rhododendri
Elsinoe australis
Septoria leucanthemi

URUGUAY:

Elsinoe australis

VENEZUELA:

Cerebella andropogonis
Colletotrichum coffeanum

VIRGIN ISLANDS:

Fusarium oxysporium f. *gladioli*

WALES:

Heterodera rostochiensis

YAP ISLAND:

Phomopsis palmiticola

YUGOSLAVIA:

Alternaria citri
Puccinia buxi



UNITED STATES DEPARTMENT OF AGRICULTURE**AGRICULTURAL RESEARCH SERVICE****SERVICE AND REGULATORY ANNOUNCEMENTS****LIST OF INTERCEPTED PLANT PESTS, 1952**

(List of Pests Recorded from July 1, 1951, through June 30, 1952, as Intercepted in, on, or with Plants and Plant Products Entering United States Territory.)

Compiled by
JUDITH HUNT
Plant Quarantine Aid

INTRODUCTION

This report summarizes the records of insect pests, plant pathogens, and certain other organisms found in, on, or with plants and plant products (1) imported, (2) offered for but refused entry, (3) held as ships' stores, etc., and hence not offered for entry through customs, (4) offered for entry for immediate transportation and exportation in bond, and (5) in domestic shipments between both Hawaii and Puerto Rico and the mainland. It covers the thirty-ninth year for which interception lists have been issued.

Because of the large number of collections involved, an effort has been made to restrict this list to those insects and plant diseases of known or potential plant quarantine importance. Intercepted plant pests that are known to be widely distributed throughout the United States are not included unless they are of particular interest.

Some collections made late in the year are included in the report for the following year, since determinations cannot be obtained immediately for all of them. Occasionally determinations are delayed for longer periods. The data for this list were obtained from routine reports by personnel of this Bureau, supplemented by information supplied by State and Customs officials. The States of California and Florida maintain staffs of specialists who identify a large proportion of the material collected at their ports. Specialists of the Bureau of Plant Industry, Soils, and Agricultural Engineering determine many of the difficult or unusual pathogens collected at the ports.

All scientific names are reviewed by appropriate specialists in the Department to assure conformance to the international rules of nomenclature.

Although every effort is made to give the correct origin for all collections listed, the alleged origin of all host-plant materials cannot be verified. Questionable items are therefore omitted or the origin is listed as unknown.

From many parts of the world have come importations of various seeds, fruits, bulbs, corms, rhizomes, plants, and plant products. An increasing number of arrivals by air bring added plant pathogens and pests, of which the golden nematode and the fruit flies continue to be most important.

INTERCEPTIONS FROM AIR-BORNE MATERIAL

Frequent interceptions of air-borne plant pests have been made in baggage, express, freight, mail, and stores. During the year 2,436 interceptions were made of insects on imported plant parts or as stowaways, and 329 interceptions of plant diseases. Slightly less than one-third of the diseases were determined as to genus only, but from the evidence offered little or no risk to the United States. Occasionally pests unknown to this country but known to cause disease in the country of origin were intercepted. Some of the most injurious insects intercepted during the year arrived in, on, or with fruits and plant material coming in by plane.

Some important insects found in air-borne material were:

Acalypta parvula in forest litter, moss, and soil used as packing material in baggage from Spain.

Adoxophes orana on cut flowers of lilac in cargo from the Netherlands.

The citrus blackfly (*Alcurocanthus woglumi*) on leaves of sour lime in baggage from Cuba and Mexico, on *Citrus* sp. leaves in baggage from Jamaica, Mexico, and Panama.

The Mexican fruit fly (*Anastrepha ludens*) in mango in baggage from Guatemala and Mexico; in orange in baggage from Mexico, in orange in stores from Guatemala; the West Indian fruit fly (*A. mombinpraeoptans*) in mango in baggage from the Bahamas, Colombia, Guatemala, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico, and Salvador, in yellow mombin in baggage from Costa Rica, Guatemala, Nicaragua, and Salvador, in yellow mombin in stores from Salvador, in unidentified fruit in baggage from Salvador; *A. serpentina* in mamey in baggage from Colombia, in sapodilla in baggage from Ecuador, in sapote (*Calocarpum sapota*) in baggage from Nicaragua; *A. suspensa* in guava in baggage from Cuba and Mexico.

Brachycerus albidentatus in garlic in cargo from Italy.

The black vine weevil (*Brachyrhinus sulcatus*) in grape in stores from Belgium.

The Mediterranean fruit fly (*Ceratitis capitata*) in *Annona* sp. in baggage from Portugal, in apple in stores from France, in cactus in baggage from Italy, in fig in baggage from Italy, in grape in stores from France, in guava in baggage from the Azores, in lemon in baggage from the Madeira Islands, in Mandarin orange in baggage from Italy, in Mandarin orange in stores from Portugal and Spain, in mango in baggage from the Madeira Islands, in orange in baggage from Portugal and Spain, in orange in stores from Spain, in peach in baggage from France, Italy, Portugal, and Tripoli, in peach in quarters from Italy, in peach in stores from the Azores, France, Israel, Italy, and Portugal, in pear in baggage from Greece, in pear in stores from France, in pomegranate in baggage from Greece, Italy, and Lebanon, in pricklypear in baggage from Italy; *C. capitata* (?) in coffee berry in baggage from Hawaii.

Ceroplastes sinensis on stem of *Feijoa* sp. in baggage from New Zealand.

Cylas formicarius in sweetpotato in stores from India.

An adult of the oriental fruit fly (*Dacus dorsalis*) in preflight inspection of an airplane departing from Hawaii for the mainland.

The olive fruit fly (*D. oleae*) in olive in baggage from the Azores, Greece, Italy, Lebanon, and Palestine.

The oriental fruit moth (*Grapholitha molesta*) in peach in baggage from Korea.

Laspeyresia strobilella in spruce cone in baggage from Germany.

Palaeopus costicollis in yam in baggage from Jamaica.

The pink bollworm (*Pectinophora gossypiella*) in cotton boll in baggage from the Bahamas, Greece, Hawaii, and Jamaica, in okra in baggage from Brazil and Trinidad.

Prodenia litura on gladiolus in cargo from Israel.

Rhagoletis cerasi in cherry in baggage from France, Italy, and Switzerland, in cherry in cargo from Switzerland, in cherry in stores from the Azores, Italy, and Portugal.

Tephritis arnicae on dry cut flowers in baggage from Switzerland.

The papaya fruit fly (*Toxotrypana curvicauda*) in papaya in baggage from Trinidad.

Air-borne plant material was found to carry some important plant pathogens not believed to be established in the United States. Among these were the following:

- Cercospora coffeicola* on coffee leaves in baggage from Brazil.
 - "Chrysanthemum virus Q" on a chrysanthemum plant in cargo from Denmark.
 - Chrysomyxa rhododendri* on *Rhododendron* spp. in baggage from Germany, Hungary, and Switzerland, and on *Rhododendron* sp. in mail from Switzerland.
 - Coniothyrium laburnophilum* on *Laburnum* sp. in mail from Denmark.
 - Elsinoe australis* on orange in stores from Argentina and Brazil.
 - "Leprosis" on orange in stores from an unknown source.
 - Lepiosphaeria citricola* on Mandarin orange in baggage from Japan.
 - Phleospora pistaciae* on pistache leaf in baggage from Turkey.
 - Phoma citricarpa* on Mandarin orange in baggage from China and Japan, on orange in baggage from Japan, and on citrus peel in baggage from China; *P. gypsophylae* on *Gypsophila* sp. in cargo from Japan.
 - Phomopsis hellebori* on Christmas-rose in cargo from the Netherlands.
 - Phyllosticta philodendri* on warty philodendron in cargo from Costa Rica.
 - Pythium butleri* on ginger in cargo from Guam.
 - Septoria unedonis* on *Arbutus unedo* in baggage from Greece.
 - Sphenospora kevorkianii* on *Schomburgkia* sp., an orchid, in cargo from Panama.
 - "Tomato aspermy virus" on chrysanthemum plant in cargo from Denmark.
 - Uredo oncidii* on *Oncidium varicosum rogersi*, an orchid, in express from Brazil and on *Oncidium* sp. in cargo from Guatemala; *U. scabies* on *Vanilla planifolia*, an orchid, in cargo from the Canal Zone.
 - Xanthomonas citri* on lime in baggage from India.
- Intercepted plant diseases of limited distribution in the United States or new to the country of origin and found on air-borne material were:
- Heterosporium iridis* on German iris in cargo from New Zealand.
 - Leptosphaeria heterospora* on monarch iris in mail and on *Iris* spp. in cargo from New Zealand, Palestine, and Turkey.
 - Papulaspora coprophila* on gladiolus corms in cargo from Japan.
 - Phoma iridina* on German iris in cargo from New Zealand.
 - Phyllosticta camelliae* on camellia in mail from Japan; *P. dracaenae* on Banks dracaena in cargo from New Zealand; *P. hedericola* on *Fatsyhedera* sp. in cargo from Belgium and on English ivy in baggage from Ireland; *P. maculiformis* on chestnut in baggage from Italy.
 - Scirrhodopsis bambusae* on Bambuseae stem in cargo from Japan.
 - Septoria chrysanthemi* on chrysanthemum in mail from Japan. *S. dianthi* on carnation in baggage from the Azores.
- Nematodes were also found in air-borne material as follows:
- Heterodera punctata* in soil with strawberry plants in cargo from Scotland, in soil on chrysanthemum plants in express from England, in soil on pick-a-back plants in quarters from Germany, and in soil on lupine plants in baggage from England; the golden nematode (*H. rostochiensis*) in soil with various plants from England, France, Germany, Ireland, and Scotland.
 - Meloidogyne hapla* with roots of clematis in cargo from the Netherlands; *M. incognita* in *Asparagus myriocladus* in express from Japan.

NOTES ON INSECTS INTERCEPTED

FRUIT FLIES

The following fruit flies were intercepted:

The Mexican fruit fly (*Anastrepha ludens*) in grapefruit in baggage from Mexico, in Mandarin orange in quarters and stores from Mexico, in mango in baggage from Guatemala and Mexico, in mango peel in an empty boxcar from Mexico, in pulp attached to mango seed in the bed of a truck from Mexico, in orange in quarters and stores from Guatemala, in orange in baggage, quarters, and stores from Mexico, in pear in baggage from Mexico, in ponderosa lemon in baggage from Mexico, in sour orange in quarters and stores from Mexico, in sweet lime in baggage and cargo from Mexico, and an adult in the bed of a truck from Mexico; *A. ludens* (?) in avocado in baggage from Mexico; the West Indian fruit fly (*A. mombinpraepotans*) in unidentified fruit in baggage from Salvador, in mango in baggage from the Bahamas, Colombia, Guatemala, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico, Salvador, and the Virgin Islands, in mango in mail from Nicaragua, in mango in quarters from Honduras, Mexico, Puerto Rico, and Trinidad, in mango in stores

from Honduras and Jamaica, in *Spondias* sp. in baggage from Mexico, in yellow mombin in baggage from Costa Rica, Guatamela, Mexico, Nicaragua, and Salvador, in yellow mombin in mail from Nicaragua, in yellow mombin in stores from Salvador; *A. serpentina* in mamey in baggage from Colombia and Mexico, in sapodilla in baggage from Ecuador, in sapote in baggage from Mexico and Nicaragua; *A. striata* in guava in baggage from Mexico; *A. suspensa* in guava in baggage from Cuba and Puerto Rico.

The Mediterranean fruit fly (*Ceratitis capitata*) in *Annona* sp. in baggage from Portugal, in apple in baggage from Italy, in apple in stores from France and Portugal, in apricot in stores from Algeria, in cactus in baggage from Italy, in coffee in baggage and quarters from Hawaii, in fig in baggage from Greece and Italy, in grape in stores from France, in grapefruit in quarters from France, in grapefruit in stores from Algeria, France, Israel, Lebanon, and Spain, in guava in baggage from the Azores, in lemon in baggage from the Madeira Islands, in Mandarin orange in baggage from Africa and Italy, in Mandarin orange in stores from Italy, Portugal, and Spain, in mango in baggage from the Madeira Islands, in *Opuntia* sp. in baggage from Italy, in orange in baggage from Italy, Portugal, and Spain, in orange in quarters from Israel and Spain, in orange in stores from Egypt, Israel, Italy, Morocco, and Spain, in peach in baggage from France, Italy, Portugal, and Tripoli, in peach in quarters from Italy, in peach in stores from the Azores, France, Israel, Italy, Portugal, and Spain, in pear in baggage from Greece and Italy, in pear in stores from France, in pomegranate in baggage from Greece, Italy, and Lebanon, in prickly pear in baggage and cargo from Italy, in quince in baggage and cargo from Italy; *C. capitata* (?) in coffee in baggage and mail from Hawaii, in mango in mail from Hawaii, in olive in baggage from the Azores.

The melon fly (*Dacus cucurbitae*) in cucumber in cargo and stores from Hawaii, in pepper in stores from Hawaii, in string bean in cargo from Hawaii, in tomato in stores from Hawaii; the Oriental fruit fly (*D. dorsalis*) in banana in quarters from Hawaii, in Malay-apple in baggage from Hawaii, in mango in mail and quarters from Hawaii, an adult in preflight inspection of an airplane leaving Hawaii for the mainland; *D. dorsalis* (?) in bell pepper in stores from Hawaii, in guamachil in baggage from Hawaii, in tomato in stores from Hawaii; the olive fruit fly (*D. oleae*) in olive in baggage from the Azores, Greece, Italy, Lebanon, Libya, and Palestine, in olive in cargo from Italy, in olive in mail from Italy and Turkey.

Rhagoletis cerasi in cherry in baggage from France, Italy, Portugal, and Switzerland, in cherry in cargo from Switzerland, in cherry in stores from the Azores, France, Italy, and Portugal; the walnut husk fly (*R. completa*) in walnut in baggage from Mexico; *R. juglandis* in black walnut in baggage from Mexico; the apple maggot (*R. pomonella*) in baggage from Mexico; *R. pomonella* (?) in apple in stores from Sweden; *R. striatella* in husk tomato in baggage from Mexico.

The papaya fruit fly (*Toxotrypana curvicauda*) in papaya in baggage from Trinidad, in papaya in cargo from Mexico, and on the floor of a truck previously used to transport papayas from Mexico.

INSECTS OTHER THAN FRUIT FLIES

The following miscellaneous insects of interest were intercepted:

A curculionid, *Alcidodes dentipes*, in sweet potato in stores from Sierra Leone.

The citrus blackfly (*Aleurocanthus woglumi*) on leaves of *Citrus* sp. in baggage and cargo from Mexico, on coffee leaves in baggage from Mexico, on leaves of lemon, Mandarin orange, and orange in baggage from Mexico, on leaves of sour lime in baggage from Cuba, Jamaica, and Panama, on leaves of sour lime in baggage and cargo from Mexico.

A bruchid, *Bruchus lentis*, in lentil in baggage by air from Italy.

Cacoecia pronubana (Tortricidae) in pomegranate in baggage from Italy and Yugoslavia.

A phycitid, *Cryptoblabes gnidiella*, in chestnut and pomegranate in baggage from Italy, in pomegranate in baggage by air from Italy, in lemon in stores by air from Italy, in papaya in baggage by air from Bermuda, in seagrape berry in cargo by air from Bermuda.

The mango weevil (*Cryptorhynchus mangiferae*) in mango in baggage and quarters from Hawaii, in mango in baggage by air from India.

A curculionid, *Curculio elephas*, in chestnut in baggage, cargo, and mail from Italy, in chestnut in baggage by air from Italy, in chestnut in stores from Portugal.

Cylas puncticollis (Curculionidae) in sweetpotato in stores from British West Africa, Gold Coast, and Sierra Leone.

A pyraustid, *Evergestis forficalis*, in cabbage and cauliflower in stores from France, in cabbage in baggage by air from Ireland.

Hemimene juliana (Olethreutidae) in chestnut in baggage by air from Italy, in chestnut in baggage from Greece, in Macedonian oak seed in mail from Italy.

An elaterid, *Hypolithus riparius*, in grass sod used as ballast from Scotland.

An olethreutid, *Laspeyresia leguminis*, in string bean in stores from Peru.

Leucinodes orbonalis (Pyraustidae) in eggplant in stores from Indonesia.

A phalaenid, *Mamestra brassicae*, in cabbage in baggage by air from Ireland, in cabbage in stores from Italy, in celery in stores from Denmark, in rutabaga in stores from England, in cabbage and parsley in stores from France.

A bean pod borer, *Maruca testulalis*, in string beans in baggage, cargo, mail, and stores from Hawaii, in string beans in stores from Japan and Netherlands Guiana.

An adult scarabaeid, *Melolontha melolontha*, host unknown, in baggage by air from Germany.

Parlatoria chinensis (Coccidae) on a stem of *Pyrus* sp. in baggage from Japan.

An adult *Phloeotribus scarabaeoides* (Scolytidae) with olive branch in baggage from Italy.

A scolytid, *Pityogenes chalcographus*, in pine and spruce in cargo from Sweden, in bark on crate slats from Sweden.

A chrysomelid, *Psylliodes chrysocephala*, in radish in stores from Italy.

Polychrosis botrana (Olethreutidae) in grape in baggage from Italy.

Prays oleellus (Hyponomeutidae) in olive in baggage from Italy.

Sesamia cretica (Phalaenidae) in broomcorn in cargo from Greece and Italy, in corn in baggage from Italy.

A curculionid, *Sitona lineata*, on chrysanthemum in cargo by air from Denmark, on chrysanthemum in baggage by air from Portugal, on lilac in cargo from the Netherlands, and in beet in stores from England.

A curculionid, *Strophosoma melanogrammmum*, in soil and woods moss with rosaceous plants in mail from Germany.

SNAILS

The giant African snail (*Achatina fulica*) was taken at San Francisco, and San Pedro, Calif., three times each on returned military equipment coming from Formosa, Guam, and the Philippines. Two interceptions of this species were made at San Pedro on scrap tires and a second-hand generator from Guam, and one interception at Houston, Tex., on scrap metal from the South Pacific.

Bradybaena similaris, an injurious snail not established in the United States, was intercepted at Honolulu, Hawaii, in a box with *Vanda* leis during preflight inspection of a cargo shipment to the mainland. Another injurious snail, *Deroceras reticulatum*, known to be in some of our States was taken at New York, N. Y., with cabbage in cargo from the Netherlands; at Boston, Mass., with carnations and calla lilies in baggage by air from the Azores; at Boston, Mass., with lettuce in stores by air from Lebanon; and at Washington, D. C., with clumps of seloia pampasgrass in mail from New Zealand.

NOTES ON DISEASES INTERCEPTED

Japan again contributed the greatest number of interceptions (55) of citrus canker (*Xanthomonas citri*), 32 of which were on oranges, 16 on lemons, 6 on grapefruits, and 1 on sour lime. China contributed 16 interceptions, 13 of which were on oranges, 2 on Mandarin oranges, and 1 on citrus peel. India contributed 1 each on lime, sour lime, pomelo, and grapefruit. From Formosa (?) and Ceylon came 1 each on orange; Malaysia and the Philippines had 1 each on sour lime; and Thailand had 2 on pummelo. Cancrosis "B" (*Xanthomonas* sp. (?)), another bacterial disease of citrus producing symptoms similar to citrus canker, was intercepted 6 times on lemons and once on grapefruit from Argentina.

Chrysomya rhododendri, a spruce and rhododendron rust, was intercepted 5 times on *Rhododendron ferrugineum* from Switzerland and once from Hungary, once each on *R. hirsutum* from England and Germany, and 4 times on *Rhododendron* sp. from Switzerland.

The sweet orange fruit scab (*Elsinoe australis*) was intercepted many times from South America. Of these interceptions 76 were from Brazil, 57 from Argentina, and 1 each from Uruguay and an unknown origin, probably South America, on lemon, Mandarin orange, orange, sour lime, and sour orange.

"Leprosis", a recently reported disease, was intercepted once on Mandarin orange, 8 times on orange from Mexico, and once each on orange from Egypt, Haiti, Panama, and an unknown origin.

Other interceptions were:

Cercospora purpurea on avocado in baggage from Mexico.

Coniothyrium cytisellum on *Laburnocytisus adamii* and *Laburnum watereri* in cargo from the Netherlands.

Cryptospora longispora on Norfolk-Island pine in cargo from Australia and on Norfolk-Island pine in mail from Norfolk Island.

Gymnosporangium haraeum on Chinese juniper and dwarf juniper in mail and baggage from Japan.

Leptosphaeria heterospora on various rhizomatous *Iris* species in cargo and mail from Australia, Canada, England, France, Hashemite Kingdom of Jordan, the Netherlands, New Zealand, Palestine, and Turkey; *L. rusci* on *Ruscus* sp. in cargo from Italy.

Macrophomina phaseolina on *Ixia viridiflora* and *Morea spathacea* in mail from the Union of South Africa, on *Iris nigricans* in mail from Hashemite Kingdom of Jordan, on sweetpotato in baggage from Borneo, and on sweetpotato in stores from Japan.

"Peony virus" on peony in cargo from the Netherlands.

Puccinia arenariae on maiden pink and sweet-william in cargo from Switzerland and on sweet-william in baggage from England; *P. ornithogali-thyrsoideis* on chinkerichiee in mail from the Union of South Africa.

Sphaceloma fawcettii var. *scabiosa* on lemon, grapefruit, and *Citrus* sp. in stores from Australia.

The golden nematode (*Heterodera rostochiensis*) has been found in soil with various plants intended for propagation, 8 times from England, 7 times from Scotland, 4 times from Germany, twice from Ireland, and once each from Denmark, France, the Netherlands, and Sweden.

Of importance also have been interceptions of the *Meloidogyne* group such as *M. arenaria* in *Bletilla* sp., an orchid, in cargo from Japan, in dahlia in mail from India, in potato in stores from Chile, and in turnip in cargo from Mexico; *M. exigua* in dahlia in mail from Australia; *M. hapla* in chrysanthemum, clematis, delphinium, and Hungarian hepatica, all in cargo from the Netherlands, and in soil with an unknown plant in baggage from Germany; *M. incognita* in *Asparagus myriocladus* in express from Japan, in banana root in cargo from Mexico, in dahlia in mail from India, and in *Dioscorea* sp. tuber in express from Nicaragua; *M. incognita* (?) in *Mammillaria phymatothele* in mail from Mexico; *M. incognita* var. *acrita* in *Agapanthus* sp. root in cargo from Japan, in parsnip in stores from the Union of South Africa, *M. incognita* var. *acrita* (close to; possibly n. sp.) in *Pogostemon* sp. root in mail from the Philippines; *M. javanica* in *Bletilla* sp., an orchid, in cargo from Japan and in dahlia in mail from Australia.

Tylenchus alli in garlic in cargo from Mexico; *T. putrefaciens* in garlic in baggage and cargo from Mexico.

INCOMPLETELY DETERMINED PESTS

Occasionally complete specific determinations of nematodes, insects, and fungi have been impossible owing to the condition of the material on arrival. Some of these plant pests may be of economic importance, may be new or hitherto unknown to the United States, unknown for the host plant, or they may come from a new country of origin.

INSECTS

Among the incompletely determined insects were the following fruit flies:

Anastrepha sp., probably *fraterculus* (Wied.), at New York, N. Y., in coffee berry in baggage by air from Peru; *Anastrepha* sp., probably *ludens*, at Laredo, Tex., in apple in baggage from Mexico; at Brownsville, and Laredo, Tex., in orange in baggage from Mexico; at Houston, Tex., in orange in quarters from Mexico; *Anastrepha* sp., probably *mombinpraeoptans*, at Boston, Mass., in grapefruit in stores from Trinidad; at Key West, Fla., in mango in stores from Cuba; at Laredo, Tex., in mango in baggage from Mexico; at New Orleans, La., in mango in stores from Jamaica and in *Spondias* sp. in baggage by air from Salvador; at San Ysidro, Calif., in guava in baggage from Mexico; *Anastrepha* sp.,

probably *serpentina*, at Douglas, Ariz., in mango in baggage from Mexico; at Laredo, Tex., in sapote in baggage from Mexico; *Anastrepha* sp., probably *striata*, at Miami, Fla., in mango in baggage by air from Bolivia and Ecuador.

Anastrepha sp. at Miami, Fla., in *Annona* sp. in baggage by air from Peru; at Brownsville, Tex., in avocado in baggage from Mexico; at Miami, Fla., in cherimoya in baggage by air from Peru; at San Ysidro, Calif., in guava in baggage from Mexico; at New York, N. Y., in guava in baggage from Venezuela; at El Paso, Tex., in guava in baggage from Mexico; at Miami, Fla., in mango in baggage by air from Colombia, Guatemala, and Peru; at Hidalgo, Del Rio, Brownsville, Laredo, and El Paso, Tex., in mango in baggage from Mexico; at Houston, Tex., in mango in stores from Haiti; at New York, N. Y., in mango in baggage from Haiti; at Savannah, Ga., in mango in quarters from Puerto Rico; at Baltimore, Md., in orange in stores from Brazil; at Brownsville, El Paso, and Laredo, Tex., in orange in baggage from Mexico; at Galveston, Tex., in orange in quarters and stores from Brazil; at El Paso, Tex., in peach in baggage from Mexico; at Eagle Pass, Tex., in quince in baggage from Mexico; at Tampa, Fla., in sapodilla in baggage by air from Cuba; at Laredo, Tex., in sapote in baggage from Mexico; at Miami, Fla., in soursop in baggage by air from Peru.

Rhagoletis sp. at Laredo, Tex., in pear in baggage from Mexico.

Thirty-four interceptions which could not be identified beyond family (Tephritidae) were intercepted at Laredo, Tex., in apple in baggage from Mexico; at New York, N. Y., in apple in baggage by air from Tripoli; at Seattle, Wash., in apple in stores from Peru; at Boston, Mass., in apricot in stores by air from an unknown origin; at Honolulu, Hawaii in banana in cargo from Siam; at San Diego, Calif., in cucumber in stores from Hawaii; at New York, N. Y., in fresh date in cargo by air from Lebanon and in globe artichoke in baggage from Italy; at Baltimore, Md., and Houston, Tex., in grapefruit in stores from Brazil; at Galveston, Tex., in grapefruit in stores from Argentina; at Norfolk, Va., in grapefruit in stores from Nigeria; at Philadelphia, Pa., in grapefruit in stores from Gold Coast; at Boston, Mass., in guava in baggage by air from the Azores; at Calexico, Calif., in guava in baggage from Mexico; at Honolulu, Hawaii in guava in cargo by air from Siam; at Boston, Mass., in Mandarin orange in stores from India; at New York, N. Y., in Mandarin orange in stores by air from an unknown origin; at Honolulu, Hawaii in mango in stores by air from the Philippines; at Honolulu, Hawaii in nectarine in baggage by air from Australia; at Baltimore, Md., in orange in stores from Brazil; at Boston, Mass., in orange in stores by air from an unknown origin, and in orange in stores from French West Africa and India; at Galveston, Tex., in orange in stores from Spain; at Mobile, Ala., in orange in stores by air from Panama; at San Juan, P. R., in orange in stores from Africa; at New York, N. Y., in papaya in stores from Gold Coast and in peach in baggage by air from France; at Philadelphia, Pa., in pepper in stores from French West Africa; at Boston, Mass., in sweet lime in stores from the Azores; at San Francisco, Calif., in tomato in stores from Hawaii; at Boston, Mass., in vegetable marrow in stores from the Union of South Africa and with mixed fruit in stores by air from an unknown origin.

The following miscellaneous insects of interest were intercepted:

An aleyrodid, Aleurodicinae, new genus near *Aleurodicus*, at Laredo, Tex., on *Oncidium cavendishianum*, an orchid, in cargo from Mexico.

Aleuroplatus sp., near *sculpturatus* Q. & B. (Aleyrodidae) at Hoboken, N. J., on an unidentified leaf in mail from Brazil.

Apion sp., probably *carduorum* Kby., (Curculionidae) at New York, N. Y., and at Philadelphia, Pa., in globe artichoke in stores from France.

An olothreutid, *Argyroplote* sp., probably *leucotreta* Meyr., at Baltimore, Md., in orange in stores from the Union of South Africa.

Aserica sp. (Scarabaeidae) at Honolulu, Hawaii, in soil with dwarf pine in baggage by air from Japan.

A curculionid, *Baris* sp., at Mobile, Ala. and at New York, N. Y., in turnip in stores from France; at Galveston, Tex., in turnip in stores from Portugal.

A cerambycid, "unlike anything in the Museum collection," at Hoboken, N. J., in root of malabar glorylily in cargo by air from the Union of South Africa.

A coccid, Coccinae, "an interesting species", at Brownsville, Tex., on a leaf of *Bromelia* sp. in baggage from Mexico.

Cryptotermes sp., probably *brevis* (Wlk.) (Kalotermitidae), at San Pedro, Calif., in a wooden packing case in express from Cuba.

Cylas sp., probably *femoralis* Faust (Curculionidae), at New York, N. Y., in sweetpotato in stores by air from the Union of South Africa.

A curculionid, *Epicaerus* sp., probably *cognatus* Sharp, at Brownsville, Tex., in potato in baggage and stores from Mexico; at Eagle Pass, Tex., and Laredo, Tex., in potato in baggage from Mexico; at Hidalgo, Tex., in potato in quarters from Mexico; at Houston, Tex., and New Orleans, La., in potato in stores from Mexico.

Gnorimoschema sp., near or equals *borsaniella* Koehr. (Gelechiidae), at Baltimore, Md., in pepper in stores from Brazil; at Charleston, S. C., and at Galveston, Tex., in pepper in stores from Argentina; *Gnorimoschema* sp., near or equals *ocellatella*, at Galveston, Tex., and at New York, N. Y., in beet in stores from Egypt; at Philadelphia, Pa., in beet in stores from France and Israel.

Gymnandrosoma sp. (Olethreutidae) at New York, N. Y., in orange in stores by air probably from Trinidad.

Lixus sp. (Curculionidae) at Philadelphia, Pa., in beet in stores from Israel.

Sp. of Phalaenidae, "very distinctive—nothing like it in the U. S. National Museum", at Charleston, S. C., on banana leaf in cargo from Ecuador.

Phenacaspis sp. (Coccidae), "not recognized as any described species", at Honolulu, Hawaii on *Grammatophyllum scriptum*, an orchid, in air express from the Philippines.

A curculionid, *Premnotrypes* sp., at Galveston, Tex., in potato in stores from Peru.

Sisamnes sp. (Lygacidae), probably a new species, at Laredo, Tex., on cactus in cargo from Mexico.

A scolytid, *Stephanoderes* sp., probably *lecontei* Hopk., at Honolulu, Hawaii in seed of *Lysidice rhodostegia* in mail from Cuba.

Tetralicia sp. (Aleyrodidae), "undescribed and very interesting", at Nogales, Ariz., on white sapote leaf in baggage from Mexico.

There were 1,926 interceptions distributed among 564 genera, which could be identified to genus only. A total of 86 could be determined to family or subfamily only.

A total of 2,012 incompletely determined insects were intercepted during the year.

DISEASES

Suspected pathogens, some probably new to this country, determined to genus only were:

Ascochyta sp., at Washington, D. C., on *Mahonia bealii* in cargo from the Netherlands; at San Francisco, Calif., on *Odontoglossum grande*, an orchid, in air cargo from Guatemala.

Camarosporium sp., at Nogales, Ariz., on *Agave* sp. in baggage from Mexico; at Hoboken, N. J., on *Cercidiphyllum* sp. in cargo from the Netherlands; at San Francisco, Calif., on *Cymbidium canaliculatum*, an orchid, in mail from Australia; at Laredo, Tex., on *Epidendrum* sp., an orchid, in cargo from Mexico.

Caryospora sp., at San Francisco, Calif., on *Iris atropurpurea* in mail from England, on *Iris germanica* in mail from Australia and on *Iris saari* in mail from Turkey.

Cercospora sp., at San Juan, P. R., on *Eryngium foetidum* in a shipment for the mainland; at Laredo, Tex., on *Philodendron* sp. in baggage and cargo from Mexico.

Coniothyrium sp., probably *olivaceum*, at El Paso, Tex., on sweet lime in baggage from Mexico; at Honolulu, Hawaii, on Mandarin orange in baggage by air from China; at San Francisco, Calif., on coconut in baggage from Hawaii; at Washington, D. C., on Jobs-tears in mail from the Philippines; at San Francisco, Calif., on *Cymbidium* sp., an orchid, in cargo from England; at Laredo, Tex., on *Laelia* sp., an orchid, in cargo from Mexico; at Laredo, Tex., on *Philodendron* sp. in cargo from Mexico.

Coryneum sp., probably *microstictum* Berk. & Br., at Seattle, Wash., on *Rosa* sp. (fruit) in mail from Canada.

Probably *Cryptosphaerella* sp., at San Francisco, Calif., on *Oncidium splendendum*, an orchid, in cargo from Guatemala; *Cryptosphaerella* sp., at Laredo, Tex., on orchid in cargo from Mexico.

Endoconidiophora sp., at San Francisco, Calif., on ginger in cargo from Japan. *Frankiella* sp., close to *alni* (Wor.) Maire & Tison, at Seattle, Wash., on *Cercidiphyllum japonicum* in cargo from Japan.

Haplosporella sp., at Philadelphia, Pa., on wisteria vine in quarters from Japan.

Hendersonia sp., at San Francisco, Calif., on *Epidendrum* sp., an orchid, in cargo from Salvador; at San Francisco, Calif., on *Haworthia margaritifera* in mail from the Union of South Africa; at Nogales, Ariz., an orchid in baggage from Mexico; at Washington, D. C., on rice seed in mail from Cuba and on *Stylocanthes* sp. in mail from Ethiopia.

Hypoderma sp., at Nogales, Ariz., on *Dodonea* sp. in cargo from Mexico.

Hysterocephalum sp., at Brownsville, Tex., on orchid in cargo from Mexico; at San Francisco, Calif., on *Laelia superbiens*, an orchid, in cargo by air from Guatemala.

Lembosioopsis sp., at Brownsville, Tex., on *Miltonia endresii*, an orchid, in cargo by air from Costa Rica.

Leptosphaeria sp., at Calexico, Calif., on bamboo cane in cargo from Mexico; at San Pedro, Calif., on *Phalaenopsis* sp., an orchid, in baggage from the Philippines; at Laredo, Tex., on *Philodendron* sp. in cargo from Mexico.

Leptostroma sp., at Honolulu, Hawaii, on *Agathis australis* in cargo by air from New Zealand; at Nogales, Ariz., on *Hibiscus cannabinus* in baggage from Mexico.

Lophodermium sp., at San Francisco, Calif., on *Sobralia* sp., an orchid, in cargo by air from Nicaragua.

Monilinia sp., suggesting *laxa* (Aderh. & Ruhl.) Honey, at Hoboken, N. J., on rock cotoneaster in cargo from the Netherlands.

Mycosphaerella sp., at Brownsville, Tex., on orange in baggage from Mexico; at Honolulu, Hawaii, on Banks dracaena in cargo by air from New Zealand; at San Francisco, Calif., on *Cymbidium elegans*, an orchid, in cargo by air from India; at Miami, Fla., on *Epidendrum radicans*, an orchid, in cargo by air from Costa Rica; at San Francisco, Calif., on *Epidendrum ybagueense* in cargo by air from the Canal Zone.

Naemosphaeria sp. (?), at Hoboken, N. J., on *Ficus* sp. stem in cargo from Italy.

Nocardia sp., at Hoboken, N. J., on black barberry in cargo from the Netherlands.

Ophiobolus sp., at San Francisco, Calif., on coconut in baggage from Hawaii and Japan; at San Francisco, Calif., on coconut in mail from Guam; at Nogales, Ariz., on orchid in baggage from Mexico.

Pachybasium sp., at Hoboken, N. J., on tulip in cargo from the Netherlands.

Periconia sp., at San Francisco, Calif., on cucumber in stores from Japan.

Pestalotia sp., at Laredo, Tex., on *Philodendron* sp. in cargo from Mexico.

Phaeosphaeria sp., at San Francisco, Calif., on *Acorus* sp. in cargo by air from Japan.

Phyllostictina sp., at Laredo, Tex., on lime leaf in cargo from Mexico; at San Francisco, Calif., on *Cypripedium insigne*, an orchid, in mail from India; at Honolulu, Hawaii, on *Cypripedium* sp. in baggage from Japan and on *Dendrobium undulatum*, an orchid, in cargo by air from Australia; at San Francisco, Calif., on *Dendrobium* spp. in mail from American Samoa; at San Francisco, Calif., on *Dendrobium* sp. in cargo by air from Australia; at Laredo, Tex., on *Oncidium* sp., an orchid, in baggage from Mexico; at Miami, Fla., on orchid leaf in cargo from Brazil.

Phytophthora sp., at New York, N. Y., on orange in stores from Brazil; at El Paso, Tex., on Italian squash in cargo from Mexico; at Hoboken, N. J., on gloxinia in air express from Belgium.

Septoria sp., at Hoboken, N. J., on *Heurnia* sp. in mail from the Union of South Africa.

Rhabdospora sp., at Washington, D. C., on *Dombeya* sp. in mail from Cuba; at San Francisco, Calif., on *Stewartia monadelphica* in cargo from Japan.

Sclerotium sp., at Seattle, Wash., on globe butterflybush in cargo from England; at Hoboken, N. J., on Christmas-rose in cargo from England; at Seattle, Wash., on *Lycoris aurea* and *L. radiata* in cargo from Japan and on *L. squamigera* in mail from Japan; at San Francisco, Calif., on *L. squamigera* in cargo from Japan; at Baltimore, Md., on epipollino in cargo from Italy; at San Francisco, Calif., on potato in stores from New Zealand.

Scolecopeltidium sp., at Brownsville, Tex., on *Odontoglossum chiriquense*, an orchid, in cargo by air from Costa Rica; at Seattle, Wash., on orchid in mail by air from the Canal Zone.

Septoria sp., at Laredo, Tex., on *Agave* sp. and *Cattleya citrina*, an orchid, in cargo and on orange in baggage from Mexico; at Hoboken, N. J., on *Heurnia* sp. and *Stapelia* sp. in mail from the Union of South Africa; at Washington, D. C., on *Medicago* sp. in mail from Ethiopia; at San Francisco, Calif., on *Cypripedium insigne*, an orchid, in cargo from India.

- Stagonospora* sp., at Boston, Mass., on *Stipa tenacissima* in cargo from Italy.
- Streptomyces* sp., at Philadelphia, Pa., on celery in stores from Sweden.
- Tridens* sp., at Hoboken, N. J., on *Cereus nudiflorus* in mail from Cuba.
- Uredo* sp., at Washington, D. C., on *Piper* sp. in cargo from Colombia.
- Verticillium* sp., probably *candidulum* Sacc. var. *binotianum* Sacc., at Honolulu, Hawaii, on *Phalaenopsis aphrodite*, an orchid, in cargo from the Philippines.
- Volutella* sp., at San Pedro, Calif., on ginger in cargo from Japan.
- Incompletely determined nematodes worthy of mention were:
- Aphelenchoides*, new species, at El Paso, Tex., in garlic in cargo from Mexico;
- Aphelenchoides* sp. (undescribed) at Hoboken, N. J., in *Solanum tuberosum* var. "Furore" in cargo from the Netherlands.
- Aphelenchus*, new species, at El Paso, Tex., in wheat in mail from Yugoslavia.
- Ditylenchus* sp., at Brownsville, Tex., El Paso, Tex., and Laredo, Tex., in garlic in cargo from Mexico; at Hoboken, N. J., in bulbs of *Chionodoxa* sp., in corms of *Colchicum* sp., and in bulbs of *Tigridia* sp. in cargo from the Netherlands.
- Helicotylenchus*, new species, at New York, N. Y., in soil with rockcress plants in baggage by air from Germany.
- Heterodera* sp., probably *carotae* Jones at San Juan, P. R., in soil with potatoes in stores from Spain; *Heterodera* sp., possibly *goettingiana* Liebscher, at New York, N. Y., in soil with bagging in cargo from the Netherlands and in soil with ivy plants in baggage from France and at Seattle, Wash., in soil with potatoes in stores from Australia; *Heterodera* sp., probably *trifolii*, at San Juan, P. R., in soil with potatoes in cargo from Spain.
- Heterodera* sp. at San Pedro, Calif., in soil with Amaryllidaceae bulbs in mail from Ireland; at New York, N. Y., in soil on army vehicles from Belgium and Germany and with asparagus in baggage and mail from Germany; at Baltimore, Md., in soil with bagging in cargo from England; at New York, N. Y., in soil with bagging in cargo from Belgium, Denmark, England, France, Germany, Italy, the Netherlands, Scotland, and Switzerland; at Norfolk, Va., in soil with bagging in cargo from Belgium, England, Germany, the Netherlands, and Scotland; at Philadelphia, Pa., in soil with bagging in cargo from Belgium, the Netherlands, and Scotland; at San Pedro, Calif., in soil with burlap bags in cargo from the Netherlands, at New York, N. Y., and at Philadelphia, Pa., in sand and soil ballast from England and Scotland; at Blaine, Wash., in soil with potatoes in stores from Tasmania; at Charleston, S. C., in soil with leek and potatoes in stores from the Netherlands; at Boston, Mass., in soil with chrysanthemum plants in baggage from England, in soil with camellia and rose plants in baggage by air from Italy, in soil with brunsvigia bulbs and unidentified herbs in baggage by air from the Azores; at Hoboken, N. J., in soil with plant material for propagation from England, France, Germany, Italy, the Netherlands, Scotland, Switzerland, and Yugoslavia and in soil with potatoes in cargo from the Netherlands; at New York, N. Y., in soil with an army vehicle from Germany, in soil with dasheens in cargo from the Azores, in soil with forget-me-not plants in quarters by air from England, in soil with onions in cargo from Chile, in soil with potatoes in cargo from Spain, in soil with shamrocks in cargo by air from Ireland, in soil with loquat cuttings in baggage from Lebanon, in soil with *Pelargonium* sp. in baggage from England, in soil with potatoes in baggage by air from Germany, in soil with salsify roots in baggage from Belgium, in soil with potatoes in stores from the Netherlands and Scotland, with plant material for propagation from the Azores, Denmark, England, France, Germany, Greece, Italy, the Netherlands, Scotland, and Switzerland, and in soil with potatoes in baggage from the Azores, England, and Germany; at Norfolk, Va., in soil with carrots in stores from the Netherlands, in soil with parsnips in stores from Ireland, in soil, with potatoes in stores from Belgium, Brazil, Denmark, the Netherlands, and Norway; at Philadelphia, Pa., in soil with cabbage in stores from Portugal, in soil with carrots in stores from England, in soil with gobo roots in stores from Japan, in soil with leeks in stores from Norway, in soil with unknown plants in quarters from France, in soil with shamrocks in mail from Ireland, in soil with potatoes in stores from Australia, Belgium, Brazil, Egypt, England, Germany, Italy (?), the Netherlands, New Zealand, Spain, and Sweden, in soil with plant material for propagation from Germany, Japan, Morocco, the Netherlands, Sweden, and Yugoslavia; at San Francisco, Calif., in soil with potatoes in stores from Australia, England, and Peru, in soil with plant material for propagation from Germany, Italy, the Netherlands, and Yugoslavia; at San Pedro, Calif., in soil with beets and parsnips in stores from England, in soil with white clover in mail from Ireland; at San Juan, P. R., in soil with potatoes in cargo

from Spain; at Seattle, Wash., in soil with carrots in stores from the Netherlands, in soil with plant material for propagation from Canada, England, Germany, Ireland, and Japan.

Hoplolaimus, new species, at Honolulu, Hawaii, in roots of *Asparagus myriocladus* in express from Japan.

Possibly an undescribed species of *Meloidogyne* at San Pedro, Calif., in the root of an unidentified plant in baggage from Salvador; *Meloidogyne* sp., at Hoboken, N. J., in the root of *Aster yunnanensis* in cargo from the Netherlands and in *Begonia multiflora* in cargo from Belgium; at Seattle, Wash., in *Bletilla hyacinthina*, an orchid, in cargo from Japan; at San Pedro, Calif., in carrot in stores from Japan; at Hoboken, N. J., in dahlia tubers in mail from India and in dahlia tubers in cargo from the Netherlands; at Laredo, Tex., in dahlia tubers in mail from Israel and in *Lophophora williamsii* in cargo from Mexico; at Hoboken, N. J., in root of *Passiflora* sp. in baggage from Bermuda and in *Sinningia* sp. in cargo from the Netherlands; at Philadelphia, Pa., in potato in stores from Portugal; at Hoboken, N. J., in root of *Viburnum* sp. in cargo from Belgium.

Paraphelenchus sp., at Seattle, Wash., in *Bletilla hyacinthina* in cargo from Japan.

Pratylenchus sp., at Washington, D. C., in soil with tulip and narcissus bulbs in cargo from Germany.

Rotylenchus sp., at New York, N. Y., in soil with crocus plants in baggage by air from the Netherlands.

A tylenchid, new genus, at Washington, D. C., in soil around dracaena plants in air express from the French Cameroons.

Tylenchus sp., at New York, N. Y., in *Allium neapolitanum* in cargo from Turkey; at Seattle, Wash., in *Bletilla* sp. in cargo from Japan.

Xiphinema sp., at New York, N. Y., in soil with *Aloe* sp. plants in baggage by air from Italy.

A total of 827 incompletely determined pathogens were recorded during the year.

Summary of Numbers of Interceptions Listed in Main Table

Country	Insect	Disease	Country	Insect	Disease
	<i>Number</i>	<i>Number</i>		<i>Number</i>	<i>Number</i>
Africa:			Europe—Continued		
Afghanistan.....	0	3	Ireland.....	12	8
Africa (country unknown).....	1	1	Italy.....	231	16
Algeria.....	7	1	Netherlands.....	33	100
British West Africa.....	2	0	Norway.....	3	3
Canary Islands.....	1	1	Portugal.....	17	5
Cape Verde Islands.....	0	1	Scotland.....	9	42
Egypt.....	2	1	Spain.....	15	17
Ethiopia.....	0	4	Sweden.....	10	7
French West Africa.....	0	1	Switzerland.....	4	15
Gold Coast.....	9	0	Trieste.....	1	0
Kenya.....	0	1	Turkey.....	2	6
Liberia.....	3	0	Union of Soviet Socialistic		
Libya.....	1	0	Republics.....	0	1
Madeira Islands.....	3	0	Yugoslavia.....	4	0
Morocco.....	3	0	North America:		
Mozambique.....	0	1	Bermuda.....	21	4
Natal.....	0	1	Canada.....	2	12
Nigeria.....	0	1	Canal Zone.....	45	4
Sierra Leone.....	2	0	Central America.....	1	0
Tripoli.....	1	0	British Honduras.....	1	1
Union of South Africa.....	22	29	Costa Rica.....	15	5
Asia:			Guatemala.....	27	6
Borneo.....	0	1	Honduras.....	6	0
China.....	3	160	Nicaragua.....	12	1
Formosa.....	4	21	Panama.....	33	3
Hashemite Kingdom of Jordan			Salvador.....	14	1
dan.....	0	2	Mexico.....	872	122
India.....	43	19	West Indies:		
Indonesia.....	3	1	Bahamas.....	3	0
Israel.....	9	1	Barbados.....	4	0
Japan.....	127	265	British West Indies.....	1	0
Jerusalem.....	2	0	Cuba.....	58	4
Korea.....	1	2	Curaçao.....	1	0
Malaysia.....	0	1	Dominica.....	2	0
Pakistan.....	1	0	Dominican Republic.....	4	0
Palestine.....	2	3	Haiti.....	2	2
Straits Settlements.....	3	5	Jamaica.....	24	0
Syria.....	1	0	Montserrat.....	1	0
Thailand.....	2	0	Puerto Rico.....	12	3
Australasia:			Trinidad.....	13	1
Arno Atoll Island.....	1	0	Virgin Islands.....	1	0
Australia.....	12	33	South America:		
Ceylon.....	1	2	Argentina.....	2	55
Fiji Islands.....	1	0	Bolivia.....	1	0
Guam.....	7	5	Brazil.....	21	96
Hawaii.....	136	34	British Guiana.....	0	1
Java.....	1	1	Chile.....	7	1
Lebanon.....	9	1	Colombia.....	5	0
Marshall Islands.....	1	0	Ecuador.....	27	0
New Zealand.....	3	12	Netherlands Guiana.....	3	0
Norfolk Island.....	0	2	Peru.....	4	4
Palmyra Islands.....	1	1	Uruguay.....	1	1
Philippines.....	27	4	Venezuela.....	12	1
Saipan.....	1	0	Total:		
South Pacific.....	2	0	Africa.....	57	46
Tabiti.....	1	2	Asia.....	201	481
Wake Island.....	1	0	Australasia.....	206	97
Yap Island.....	1	0	Europe.....	442	379
Europe:			North America.....	1, 170	169
Austria.....	0	3	South America.....	83	159
Azores.....	13	1	Unknown.....	11	3
Belgium.....	3	16			
Czechoslovakia.....	1	0	Total.....	2, 170	1, 334
Denmark.....	3	10	Total incompletely deter-		
England.....	13	88	mined pests.....	2, 012	827
Europe (locality unknown).....	0	1			
Finland.....	0	1	Total insect interceptions.....	4, 182	-----
France.....	28	14	Total disease intercep-		
Germany.....	22	19	tions.....		2, 161
Greece.....	17	5			
Hungary.....	1	1	Grand total.....	-----	1 6, 343

¹ This total represents only pests of known or potential plant-quarantine importance. The total of all interceptions made during the year was 15,311.

NOTE.—Interceptions were also made from American Samoa, Antigua, Belgian Congo, Burma, Caicos Islands, Cook Islands, Cyprus, French Cameroons, Guadeloupe, Iran, Madagascar, New Guinea, New Hebrides, Okinawa, St. Kitts, St. Vincent, Samoa, Solomon Islands, Transvaal, and Tunisia.

Pests (insects) collected and reported from July 1, 1951, through June 30, 1952

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Acala schalleriana</i> (F.) (Tortricidae):					
<i>Rhododendron indicum</i> (indica azalea)	Belgium			1	N. J.
<i>Acalymma trivittata</i> (Mann.) (Chrysomelidae):					
<i>Lactuca sativa</i> (lettuce)	Mexico	1			Ariz.
<i>Acalypta parvula</i> (Fall.) (Tingidae):					
Forest litter, moss, and soil used as packing material	Spain			1	N. Y.
<i>Acanthoscelides griscolus</i> (Fall.) (Bruchidae):					
<i>Sesbania</i> sp.	Mexico			1	Calif.
<i>Acanthoscelides spinipes</i> (Er.) (Bruchidae):					
<i>Acacia</i> sp.	Greece	1		1	Mass., N. Y.
<i>Achatina fulica</i> Fer. (Mollusca):					
Returned military equipment	Formosa, Guam, Philippines	7			Calif.*
Scrap metal	Guam, South Pacific	2			Calif., Tex.
<i>Adoretus sinicus</i> Burm. (Scarabaeidae):					
Orchid	Hawaii	1			Hawaii.
<i>Adozophyes orana</i> (F. R.) (Tortricidae):					
<i>Syringa</i> sp. (lilac)	Netherlands	9			N. Y.
<i>Aeolus vermiculatus</i> Champion (Elateridae):					
Orchid	Mexico			1	Tex.
<i>Agallia lingua</i> Van D. (Cicadellidae):					
<i>Ananas comosus</i> (pineapple)	Mexico	1			Tex.
<i>Aganactesis indecora</i> (Dyar) (Galleriidae):					
<i>Cassia fistula</i> (golden-shower)	Jamaica	1			Fla.*
<i>Agrotis ypsilon</i> (Rott.) (Phalaenidae):					
<i>Brassica oleracea capitata</i> (cabbage)	Australia		1		Tex.
<i>Alcidodes dentipes</i> (Oliv.) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)	Sierra Leone		1		Pa.
<i>Aleurocanthus woglumi</i> Ashby (Aleyrodidae):					
<i>Citrus aurantifolia</i> (sour lime)	Cuba, Mexico	15			Ariz., Fla.,* Tex.
<i>Citrus limon</i> (lemon)	Mexico	2			Tex.
<i>Citrus reticulata</i> (Mandarin orange)	do	2			Tex.
<i>Citrus sinensis</i> (orange)	do	1			Calif.
<i>Citrus</i> sp.	Jamaica, Mexico, Panama	13			Calif.,* Fla.,* Tex.
<i>Coffea</i> sp. (coffee)	Mexico	2			Ariz., Tex.
<i>Aleuroglandulus emmae</i> Rsl. (Aleyrodidae):					
<i>Impatiens balsamina</i> (?)	do			1	Ariz.
<i>Psidium</i> sp., probably <i>guajava</i>	do			1	Ariz.
<i>Aleurothrixus floccosus</i> (Mask.) (Aleyrodidae):					
<i>Citrus aurantifolia</i> (sour lime)	do	1			Tex.
<i>Aleurotuberculatus jasmini</i> Takah. (Aleyrodidae):					
<i>Jasminum</i> sp.	Philippines			1	Calif.*
<i>Allantus cinctus</i> (L.) (Tenthredinidae):					
<i>Rosa multiflora superba</i>	Netherlands			1	Wash.
<i>Rosa</i> sp.	Belgium, Netherlands			2	N. J.
<i>Amitermes unidentatus</i> Wasm. (Termitidae):					
<i>Khaya</i> sp.	Gold Coast	1			Md.
<i>Amorbia emigratella</i> Busck (Tortricidae):					
<i>Capsicum frutescens grossum</i> (bell pepper)	Mexico	1			Tex.
<i>Gladiolus</i> sp.	do	1			Tex.
<i>Anastrepha ludens</i> (Loew) (Tephritidae):					
<i>Citrus aurantifolia</i> (sweet lime)	do	6			Tex.
<i>Citrus aurantium</i> (sour orange)	do		1		Tex.
<i>Citrus limon ponderosa</i>	do	1			Tex.
<i>Citrus paradisi</i> (grapefruit)	do	7			Tex.
<i>Citrus reticulata</i> (Mandarin orange)	do		2		Ala., Tex.
<i>Citrus sinensis</i> (orange)	Central America, Guatemala, Mexico	157	14		Ariz., Calif.,* La., Tex.
<i>Mangifera indica</i> (mango)	Guatemala, Mexico	32	2		Ariz., Calif.,* Tex.
<i>Pyrus communis</i> (pear)	Mexico	4			Tex.
Truck bed	do		1		Tex.
<i>Anastrepha ludens</i> (Loew) (?) (Tephritidae):					
<i>Citrus sinensis</i> (orange)	do	1			Tex.
<i>Persea americana</i> (avocado)	do	1			Tex.

Pests (insects) collected and reported from July 1, 1951, through June 30, 1952—
Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Anastrepha mombinpraeoptans</i> Sein (Tephritidae):					
Fruit—unidentified	Salvador	1			Calif.*
<i>Mangifera indica</i> (mango)	Bahamas, Colombia, Guatemala, Honduras, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico, Salvador, Trinidad, Virgin Islands.	63	7		Ala., Calif., Fla.,* La., Md., N. Y., Pa., S. C., Tex.
<i>Spondias mombin</i> (yellow mombin)	Costa Rica, Guatemala, Mexico, Nicaragua, Salvador.	12	1		Calif.,* La., Tex.
<i>Spondias</i> sp.	Mexico	1			Tex.
<i>Anastrepha mombinpraeoptans</i> Sein (?) (Tephritidae):					
<i>Mangifera indica</i> (mango)	do	1			Tex.
<i>Anastrepha serpentina</i> (Wied.) (Tephritidae):					
<i>Achras zapota</i> (sapodilla)	Ecuador	1			Calif.*
<i>Calocarpum sapota</i> (mamey sapote)	Mexico, Nicaragua	2			Calif.,* Tex.
<i>Mammea americana</i> (mamey)	Colombia, Mexico	4			Fla.,* Tex.
<i>Anastrepha striata</i> Schiner (Tephritidae):					
<i>Psidium guajava</i> (guava)	Mexico	1			Ariz.
<i>Anastrepha suspensa</i> (Loew) (Tephritidae):					
<i>Psidium guajava</i> (guava)	Cuba, Puerto Rico	4			Fla.,* N. Y.
<i>Ancylostoma stercora</i> (Zell.) (Phycitidae):					
<i>Pisum sativum</i> (pea)	Puerto Rico	1			Tex.
<i>Antonia graminis</i> (Mask.) (Coccidae):					
Grass	Philippines	1			Calif.*
<i>Anuraphis tulipae</i> (Fonse.) (Aphidae):					
<i>Arracacia xanthorrhiza</i>	Brazil			1	D. C.
<i>Crocus</i> sp.	Netherlands			1	N. Y.
<i>Iris atrofusca</i>	Jerusalem			2	D. C., N. J.
<i>Iris</i> spp.	Italy			1	N. J.
<i>Tulipa</i> sp.	Netherlands			1	Pa.
<i>Aonidiella citrina</i> (Coq.) (Coccidae):					
<i>Citrus sinensis</i> (orange)	Philippines		1		Calif.*
<i>Pyrus communis</i> (pear)	Greece	1			N. Y.
<i>Aonidiella comperi</i> McKenzie (?) (Coccidae):					
<i>Citrus grandis</i>	Thailand			1	Hawaii
<i>Aonidiella inornata</i> McKenzie (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Marshall Islands, South Pacific.	2			Calif.*
<i>Jasminum</i> sp.	Philippines			1	Calif.*
<i>Aphis callunae</i> Theob. (Aphidae):					
<i>Calluna vulgaris</i> (heather)	Scotland	1			N. Y.
<i>Argyresthia conjugella</i> (Zell.) (Hyponomeutidae):					
<i>Malus sylvestris</i> (apple)	Norway, Sweden	2	2		N. Y., Wash.
<i>Argyroplote leucotreta</i> Meyr. (Olethreutidae):					
<i>Citrus paradisi</i> (grapefruit)	Gold Coast			1	Pa.
<i>Citrus sinensis</i> (orange)	Union of South Africa			2	Tex.
<i>Arvelius albopunctatus</i> (Deg.) (Pentatomidae):					
<i>Capsicum frutescens</i> (pepper)	Mexico	1			Tex.
<i>Aspidiotus corticis-pini</i> Ldgr. (Coccidae):					
<i>Pinus</i> sp. (5-leaved pine)	Japan			2	Calif.*
<i>Aspidiotus cryptoxanthus</i> Ckll. (Coccidae):					
<i>Castanea</i> sp. (chestnut)	do			1	D. C.
<i>Aspidiotus degeneratus</i> (Leon) (Coccidae):					
<i>Schima</i> sp.	do			1	Calif.*
<i>Aspidiotus destructor</i> Sign. (Coccidae):					
<i>Achras zapota</i> (sapodilla)	Bahamas		1		Fla.*
Araceae	Cuba				Fla.*
<i>Cocos nucifera</i> (coconut)	Canal Zone, Mexico, Panama.	3	1	1	Calif.*
<i>Epidendrum</i> sp. (orchid)	Japan			1	Calif.*
<i>Haworthia</i> sp.	Union of South Africa			1	Calif.*
<i>Musa paradisica sapientum</i> (banana)	Panama	1			Calif.*
Orchid	Canal Zone			1	Fla.
<i>Persea americana</i> (avocado)	Cuba	1			Fla.*
Plant—unidentified	Panama			1	Ala.
<i>Swietenia mahagoni</i> (mahogany)	Dominican Republic			1	Fla.

Pests (insects) collected and reported from July 1, 1951, through June 30, 1952—
Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Aspidiotus herculeanus</i> Ckll. & Hadd. (Coccidae):					
<i>Chrysophyllum cainito</i> (star-apple)	Cuba	1			Fla.*
<i>Aspidiotus latastei</i> Ckll. (Coccidae):					
<i>Prunus persica nectarina</i> (nectarine)	Chile	1			N. Y.
<i>Aspidiotus palmarum</i> Ckll. (Coccidae):					
Araceae	Cuba	1			Fla.*
<i>Cocos nucifera</i> (coconut)	Mexico, Nicaragua	2			Calif.*
<i>Laurus nobilis</i> (Grecian laurel)	Brazil	1			Fla.*
<i>Musa paradisiaca sapientum</i> (banana)	Panama	1			Calif.*
<i>Vriesia</i> sp.	Germany			1	N. J.
<i>Asterolecanium agavis</i> Rsl. (Coccidae):					
Plant—unidentified	Mexico	1			Tex.
<i>Asterolecanium bambusae</i> (Bdv.) (Coccidae):					
Bamboo	Cuba, Mexico	1		1	Fla., Tex.
<i>Asterolecanium epidendri</i> (Bouche) (Coccidae):					
<i>Broughtonia lilacina</i> (orchid)	Jamaica			1	Hawaii
<i>Cattleya</i> sp. (orchid)	Costa Rica			1	Calif.*
<i>Gongora</i> sp. (orchid)	Canal Zone			1	Calif.*
Orchid	Cuba, Panama, Trinidad			3	Fla., P. R.
<i>Asterolecanium pustulans</i> (Ckll.) (Coccidae):					
<i>Mangifera indica</i> (mango)	Jamaica			1	Fla.
<i>Nerium oleander</i> (oleander)	Cuba	1			Fla.*
<i>Plumeria</i> sp.	Mexico			1	Ariz.
<i>Asterolecanium stentae</i> Brain (Coccidae):					
<i>Caralluma maculata</i>	Union of South Africa			1	N. J.
<i>Heurnia campanulata</i>	do			1	N. J.
<i>Heurnia</i> sp.	do			1	N. J.
<i>Piuranthus pulcher</i>	do			1	N. J.
<i>Aufeius impressicollis</i> Stal (Coreidae):					
Orchid	Mexico			1	Tex.
<i>Aulacaspis tegalensis</i> (Zehnt.) (Coccidae):					
<i>Cymbopogon citratus</i> (lemon grass)	Java		1		Calif.*
<i>Aulacaspis tubercularis</i> Newst. (Coccidae):					
<i>Mangifera indica</i> (mango)	Barbados, Brazil, Salvador	4			Calif.* Fla.* P. R.
<i>Bemisia tabaci</i> (Genn.) (Aleyrodidae):					
<i>Euphorbia pulcherrima</i> (poinsettia)	Mexico			1	Ariz.
<i>Bostrychophytes cornutus</i> (Oliv.) (Bostrychidae):					
<i>Khaya</i> sp.	Liberia	1			La.
<i>Brachycerus albidentatus</i> Gyll. (Curculionidae):					
<i>Allium sativum</i> (garlic)	Italy	3			N. Y.
<i>Brachycerus ulgirus</i> (F.) (Curculionidae):					
<i>Allium sativum</i> (garlic)	Italy, Spain	5			Md., N. Y.
<i>Brachyplatys deplanatus</i> (Eschschol.) (Pentatomidae):					
Vine—unidentified	Philippines	1			Calif.*
<i>Brachyrhinus rugosostriatus</i> (Goeze) (Curculionidae):					
Soil around plants	Canada			1	N. Y.
<i>Brachyrhinus sulcatus</i> (F.) (Curculionidae):					
<i>Vitis</i> sp. (grape)	Belgium		1		N. Y.
<i>Bradybaena similaris</i> (Fer.) (Mollusca):					
In box containing <i>Vanda</i> leis	Hawaii	1			Hawaii
<i>Brevipalpus australis</i> (Tucker) (Phytoseptipalpidae):					
<i>Odontonia</i> sp. (orchid)	France			1	Wash.
<i>Bruchus dentipes</i> Baudi (Bruchidae):					
<i>Vicia faba</i> (broadbean)	Lebanon	2			N. Y.
<i>Bruchus lentis</i> Froel. (Bruchidae):					
<i>Lens culinaris</i> (lentil)	Italy	2			N. Y.
<i>Bruchus luteicornis</i> Ill. (Bruchidae):					
<i>Vicia sativa</i> (vetch)	France, Italy, Netherlands	7			N. Y., Pa.
<i>Bruchus signaticornis</i> Gyll. (Bruchidae):					
<i>Lens culinaris</i> (lentil)	Italy	1			Mass.

Pests (insects) collected and reported from July 1, 1951, through June 30, 1952—
Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Bruchus tristis</i> Boh. (Bruchidae):					
<i>Lathyrus sativus</i> (grass pea).....	Italy.....	1	---	1	Mass., N. J.
<i>Lathyrus</i> sp.....	do.....	---	---	1	N. J.
<i>Pisum sativum</i> (pea).....	Yugoslavia.....	---	---	1	Pa.
<i>Vicia faba</i> (broadbean).....	Italy.....	1	---	1	N. J., N. Y.
<i>Vicia faba</i> var.....	do.....	1	---	---	N. Y.
<i>Bryobia praetiosa</i> Koch (Tetranychidae):					
<i>Malus sylvestris</i> (apple).....	Chile.....	1	---	---	N. Y.
<i>Cacoecia promubana</i> (Hbn.) (Tortricidae):					
<i>Punica granatum</i> (pomegranate).....	Italy, Yugoslavia.....	2	---	---	N. Y., Pa.
<i>Callidium rufipenne</i> Mots. (Cerambycidae):					
Wood.....	Japan.....	1	---	---	N. Y.
<i>Capaneus tetricus</i> Stal (Coreidae):					
Orchid.....	Mexico.....	---	---	3	Tex.
<i>Philodendron</i> sp.....	do.....	---	---	1	Tex.
<i>Carpocoris pudicus</i> (Poda) (Pentatomidae):					
<i>Gladiolus</i> sp.....	Unknown.....	---	1	---	N. Y.
<i>Caryedon fuscus</i> (Goeze) (Bruchidae):					
<i>Bauhinia purpurea</i> (purple bauhinia).....	India.....	---	---	1	N. J.
<i>Bauhinia</i> sp.....	do.....	---	---	1	D. C.
<i>Ceratitis capitata</i> (Wied.) (Tephritidae):					
<i>Annona</i> sp.....	Portugal.....	1	---	---	N. Y.
Cactus.....	Italy.....	3	---	---	N. Y.
<i>Citrus limon</i> (lemon).....	Madeira Islands.....	1	---	---	Mass.
<i>Citrus paradisi</i> (grapefruit).....	Algeria, France, Israel, Lebanon, Spain.....	---	6	---	Ala., La., Pa., Tex.
<i>Citrus reticulata</i> (Mandarin orange).....	Africa, Italy, Portugal, Spain.....	8	4	---	Mass., N. Y., Pa., Tex.
<i>Citrus sinensis</i> (orange).....	Egypt, Morocco, Israel, Italy, Portugal, Spain.....	5	12	---	Mass., N. Y., Pa., Tex., Va.
<i>Coffea</i> sp. (coffee).....	Hawaii.....	1	1	---	Calif.*
<i>Cydonia oblonga</i> (quince).....	Italy.....	3	---	---	N. Y.
<i>Ficus carica</i> (fig).....	Greece, Italy.....	3	---	---	Mass., N. Y.
Fruits—with various.....	Unknown.....	1	---	---	N. Y.
<i>Malus sylvestris</i> (apple).....	France, Italy, Portugal.....	1	2	---	Md., N. Y.
<i>Mangifera indica</i> (mango).....	Madeira Islands.....	1	---	---	Mass.
<i>Opuntia compressa</i> (pricklypear).....	Italy.....	6	---	---	N. Y.
<i>Opuntia</i> sp.....	do.....	1	---	---	Ill.
<i>Prunus armeniaca</i> (apricot).....	Algeria.....	---	1	---	N. Y.
<i>Prunus persica</i> (peach).....	Azores, France, Israel, Italy, Portugal, Spain, Tripoli.....	6	12	---	Mass., N. Y., Pa.
<i>Psidium guajava</i> (guava).....	Azores.....	2	---	---	Mass.
<i>Punica granatum</i> (pomegranate).....	Greece, Italy, Lebanon.....	5	---	---	N. Y.
<i>Pyrus communis</i> (pear).....	France, Greece, Italy.....	3	1	---	Mass., N. Y.
<i>Vitis</i> sp. (grape).....	France.....	---	1	---	Mass.
<i>Ceratitis capitata</i> (Wied.) (?) (Tephritidae):					
<i>Coffea</i> sp. (coffee).....	Hawaii.....	3	---	---	Hawaii
<i>Mangifera indica</i> (mango).....	do.....	1	---	---	Hawaii
<i>Ceroplastes rubens</i> Mask. (Coccidae):					
<i>Anthurium</i> sp.....	do.....	1	---	---	Calif.*
<i>Gardenia</i> sp.....	do.....	---	---	1	Calif.*
<i>Pinus parviflora</i> (Japanese white pine).....	Japan.....	---	---	1	Calif.*
<i>Schima</i> sp.....	do.....	---	---	1	Calif.*
<i>Ceroplastes rusci</i> (L.) (Coccidae):					
<i>Ficus carica</i> (fig).....	Italy.....	---	---	1	N. Y.
<i>Ceroplastes sinensis</i> Del Guer. (Coccidae):					
<i>Feijoa</i> sp.....	New Zealand.....	---	---	1	Hawaii
<i>Chaetopteleus vestitus</i> (Rey) (Scolytidae):					
<i>Pistacia</i> sp. (pistache).....	Turkey.....	1	---	---	N. Y.
<i>Chelymophra alternans</i> Boh. (?) (Chrysomelidae):					
Airplane.....	Unknown.....	---	---	1	Fla.*
<i>Chilo simplex</i> (Btlr.) (Crambidae):					
<i>Oryza sativa</i> (rice).....	China, Formosa, Japan.....	19	2	---	Calif.,* D. C., Hawaii, Wash.

Pests (insects) collected and reported from July 1, 1951, through June 30, 1952—
Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
" <i>Chionaspis</i> " <i>leucadendri</i> Brain (Coccidae):	Union of South Africa	2			Mass.
<i>Leucadendron argenteum</i> (silver leucadendron)					
<i>Chrysomphalus agavis</i> (Townsend & Ckll.) (Coccidae):	Mexico			1	Ariz.
<i>Agave stricta</i> (hedgehog agave)					
<i>Chrysomphalus albopictus</i> (Ckll.) (Coccidae):	do		1		Calif.*
<i>Citrus sinensis</i> (orange)					
<i>Chrysomphalus personatus</i> (Comst.) (Coccidae):	do	1			Calif.*
<i>Citrus aurantifolia</i> (lime)			1		Calif.*
<i>Citrus paradisi</i> (grapefruit)	Brazil				Calif.*
<i>Persea americana</i> (avocado)	Mexico	1			Tex.
<i>Chrysomphalus rossi</i> (Mask.) (Coccidae):					
<i>Ficus rubiginosa</i> (rusty fig)	Australia			1	Calif.*
<i>Leucospermum</i> sp.	Union of South Africa	1			Mass.
<i>Chrysomphalus scutiformis</i> (Ckll.) (Coccidae):					
<i>Costus speciosus</i> (canereed spiral flag)	Brazil	1			Tex.
<i>Chrysomphalus tingi</i> (McKenzie) (Coccidae):					
<i>Phalaenopsis amabilis</i> (orchid)	Philippines			1	Calif.*
<i>Phalaenopsis</i> sp.	do			1	Calif.*
<i>Chrysomphalus umboniferus</i> (Newst.) (Coccidae):					
<i>Oncidium isthmii</i> (orchid)	Panama			1	Tex.
<i>Oncidium panamense</i> (orchid)	Canal Zone			1	N. J.
Orchid	Canal Zone, Mexico			2	Fla., Tex.
<i>Clypea ambigua</i> Hbn. (?) (Phalonitidae):					
<i>Vitis</i> sp. (grape)	France		1		Mass.
<i>Coccotrypes dactyliperda</i> (F.) (Scolytidae):					
<i>Phoenix dactylifera</i> (date)	Mexico	1			Calif.
<i>Coccus acutissimus</i> (Green) (Coccidae):					
<i>Cycas</i> sp.	Hawaii	1			Hawaii.
<i>Coccus capparidis</i> (Green) (Coccidae):					
<i>Cypripedium hirsutissimum</i> (orchid)	India			1	N. J.
<i>Coccus viridis</i> (Green) (Coccidae):					
<i>Chrysophyllum cainito</i> (star-apple)	Cuba	1			Fla.*
<i>Coffea arabica</i> (Arabian coffee)	Hawaii	1			Calif.*
<i>Coffea</i> sp.	Brazil, Cuba, Hawaii, Puerto Rico	3	1	1	Calif.,* Fla.*
<i>Diospyros</i> sp. (persimmon)	Italy	1			N. Y.
<i>Gardenia augusta</i> (gardenia)	Cuba, Hawaii, Panama	29	1	1	Calif.,* Fla., Hawaii.
<i>Ixora</i> sp.	Jamaica			1	Fla.
Leaf—unidentified	Hawaii			1	Calif.*
<i>Plumeria</i> sp.	do			1	Calif.*
<i>Conchaspis angracii</i> Ckll. (Coccidae):					
<i>Brassia caudata</i> (orchid)	Canal Zone			1	Calif.*
Leaf—unidentified	Peru	1			Fla.*
<i>Conotrachelus aguacatae</i> Barber (Curculionidae):					
<i>Persea americana</i> (avocado)	Mexico	64			Tex.
<i>Cordylomera spinicornis</i> (F.) (Cerambycidae):					
<i>Kaya</i> sp.	Gold Coast	1			Mass.
<i>Cosmopolites sordidus</i> (Germ.) (Curculionidae):					
<i>Musa paradisica sapientum</i> (banana)	Mexico	1			Tex.
<i>Crophius scabrosus</i> Uhler (Lygaeidae):					
Orchid	do			1	Tex.
<i>Cryphula apicatus</i> (Dist.) (Lygaeidae):					
Cactus	do			1	Tex.
<i>Cryptoblabes gnidiella</i> (Mill.) (Phycitidae):					
<i>Carica papaya</i> (papaya)	Bermuda			1	N. Y.
<i>Castanea</i> sp. (chestnut)	Italy	1			N. Y.
<i>Citrus limon</i> (lemon)	do		1		N. Y.
<i>Coccolobus wifera</i> (seagrape)	Bermuda	1			N. Y.
<i>Punica granatum</i> (pomegranate)	Italy, Yugoslavia	10			N. Y.
<i>Cryptophlebia illepidia</i> (Btlr.) (Olethreutidae):					
<i>Pithecellobium dulce</i>	Hawaii	1			Hawaii
<i>Cryptorhynchus mangiferae</i> (F.) (Curculionidae):					
<i>Mangifera indica</i> (mango)	Hawaii, India	6	1	2	Calif.,* N. Y.
<i>Curculio elephas</i> (Gyll.) (Curculionidae):					
<i>Castanea</i> sp. (chestnut)	Italy, Portugal	35	1	1	Mass., N. J., N. Y., Tex.*

Pests (insects) collected and reported from July 1, 1951, through June 30, 1952—
Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Cyclocephala cubana</i> Chpn. (Scarabaeidae):					
<i>Ananas comosus</i> (pineapple).....	Cuba.....	1			N. Y.
<i>Cyclocephala lunulata</i> Burm. (Scarabaeidae):					
Airplane.....	Costa Rica.....		1		Fla.*
<i>Cylas formicarius</i> (F.) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato).....	India, Indonesia.....		5		Hawaii, N. Y.
<i>Cylas formicarius</i> (F.) var. (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato).....	China, India, Thailand.....	3			Calif., Mass.
<i>Cylas formicarius</i> var. <i>elegantulus</i> (Summers) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato).....	Brazil, Costa Rica, Cuba, Curacao, Jamaica, Mexico, Puerto Rico.....	17	14		Ala., Fla., Ga., La., Md., N. Y., Pa., S. C., Tex.
<i>Cylas puncticollis</i> Boh. (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato).....	British West Africa, Gold Coast, Sierra Leone.....		5		Mass., N. Y., Pa., Va.
<i>Cyrtopeltis varians</i> (Dist.) (Miridae):					
<i>Chrysanthemum</i> sp.....	Mexico.....	1			Ariz.
<i>Dactylopius coccus</i> Costa (Coccidae):					
<i>Grusonia bradtiana</i> (cactus).....	do.....			1	Tex.
<i>Dacus cucurbitae</i> Coq. (Tephritidae):					
<i>Capsicum frutescens</i> (pepper).....	Hawaii.....		1		Tex.
<i>Cucumis sativus</i> (cucumber).....	do.....	2	1		Calif.*
<i>Lycopersicon esculentum</i> (tomato).....	do.....		12		Calif.*
<i>Phaseolus vulgaris</i> var. (string bean).....	do.....	1			Calif.*
<i>Dacus dorsalis</i> Hend. (Tephritidae):					
Airplane.....	do.....		1		Hawaii
<i>Eugenia malaccensis</i> (Malay-apple).....	do.....	1			Calif.*
<i>Mangifera indica</i> (mango).....	do.....	1	1		Calif., Hawaii, Calif.*
<i>Musa paradisiaca sapientum</i> (banana).....	do.....		1		Calif.*
<i>Dacus dorsalis</i> Hend. (?) (Tephritidae):					
<i>Capsicum frutescens grossum</i> (bell pepper).....	do.....		1		Wash.
<i>Lycopersicon esculentum</i> (tomato).....	do.....		1		Ala.
<i>Pithecellobium dulce</i> (guamachil).....	do.....	1			Hawaii
<i>Dacus oleae</i> (Gmel.) (Tephritidae):					
<i>Olea europaea</i> (olive).....	Azores, Greece, Italy, Lebanon, Libya, Palestine, Turkey.....	46		1	Mass., N. Y.
<i>Dacus oleae</i> (Gmel.) (?) (Tephritidae):					
<i>Olea europaea</i> (olive).....	Italy.....	2			N. Y.
<i>Deloyala guttata</i> (Oliv.) (Chrysomelidae):					
Orchid.....	Mexico.....			1	Tex.
<i>Delphacodes dissipata</i> Muir (Delphacidae):					
Airplane.....	do.....		1		Tex.
<i>Deroceras reticulatum</i> (Muller) (Mollusca):					
<i>Brassica oleracea capitata</i> (cabbage).....	Netherlands.....	1			N. Y.
<i>Cortaderia selloana</i> (selloa pampasgrass).....	New Zealand.....			1	D. C.
<i>Dianthus</i> sp. (carnation).....	Azores.....	1			Mass.
<i>Lactuca sativa</i> (lettuce).....	Lebanon.....		1		Mass.
<i>Zantedeschia aethiopica</i> (calla lily).....	Azores.....			1	Mass.
<i>Diabrotica lepidus</i> (Say) (Chrysomelidae):					
<i>Philodendron</i> sp.....	Mexico.....			1	Tex.
<i>Dialeurodes citri</i> (Ashm.) (Aleyrodidae):					
<i>Citrus reticulata</i> (Mandarin orange).....	Japan.....		1		Calif.*
<i>Citrus</i> sp.....	do.....		1		Calif.*
<i>Gardenia</i> sp.....	do.....		1		Calif.*
<i>Dialeurodes citrifolii</i> (Morg.) (Aleyrodidae):					
<i>Citrus</i> sp.....	Dominican Republic.....	1			Fla.*
<i>Dialeurodes kirkaldyi</i> (Kot.) (Aleyrodidae):					
<i>Jasminum</i> sp.....	Philippines.....			1	Calif.*
<i>Diaphania unionalis</i> (Hbn.) (?) (Pyraustidae):					
<i>Olea europaea</i> (olive).....	Italy.....			1	N. Y.
<i>Dinoderus brevis</i> Horn (Bostrichidae):					
Bamboo.....	India.....	1			N. Y.
"Sauali mats".....	Philippines.....	1	1		Tex.

Pests (insects) collected and reported from July 1, 1951, through June 30, 1952—
Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Diorymerellus laevi-margo</i> Champ. (Curculionidae): Orchid	Mexico			3	Tex.
<i>Dyscinetus frater</i> Bates (Scarabaeidae): Packing around <i>Dioscorea</i> roots	Guatemala			1	D. C.
<i>Dysdercus mimulus</i> Hussey (Pyrrhocoridae): Cactus	Mexico	1			Tex.
<i>Dysdercus obliquus</i> (H.-S.) (Pyrrhocoridae): <i>Lycopersicon esculentum</i> (tomato)	do	1			Tex.
<i>Dyspessa ulula</i> (Bkh.) (Cossidae): <i>Allium sativum</i> (garlic)	Italy	3			N. Y.
<i>Earias insulana</i> f. <i>semifascia</i> Warren (Phalaenidae): <i>Gossypium</i> sp. (cotton; boll)	Syria	1			D. C.
<i>Epilachna varivestis</i> Muls. (Coccinellidae): Orchid	Mexico			2	Tex.
<i>Selaginella</i> sp.	do			1	Tex.
<i>Epinotia opposita</i> Hein. (Olethreutidae): <i>Phaseolus vulgaris</i> var. (string bean)	do	6	1		Tex.
<i>Ereunetis flavistriata</i> Wlsm. (Tineidae): <i>Cocos nucifera</i> (coconut)	Cuba, Hawaii	2			Calif.* Ha-waii.
<i>Eriophyes canestrinii</i> (Nal.) (Eriophyidae): <i>Buzus semperdivens</i> (box)	England, Netherlands			4	N. J.
<i>Buzus</i> sp.	Netherlands			3	N. J.
<i>Eucactophagus aurocinctus</i> Champ. (Curculionidae): <i>Cyrenoches</i> sp. (orchid)	Costa Rica			1	Fla.
<i>Eulachnus pinifoliosanus</i> Takah. (?) (Aphidae): <i>Pinus</i> sp. (2-leaved pine)	Japan	1			Wash.
<i>Eurytoma orchiderarum</i> (Westw.) (Eurytomidae): <i>Catleya mossiae</i> (orchid)	Venezuela			1	N. J.
<i>Catleya</i> sp. (orchid)	do			3	Fla.
<i>Euscepes postfasciatus</i> (Fairm.) (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato)	Brazil, Cuba, Netherlands Guiana, Venezuela.		8		Ala., La., Md., Pa.
<i>Eustrophinus marginatus</i> Champ. (Melandryidae): Orchid	Mexico			4	Tex.
<i>Evergestis forficalis</i> (L.) (Pyraustidae): <i>Brassica oleracea botrytis</i> (cauliflower)	France		1		N. Y.
<i>Brassica oleracea capitata</i> (cabbage)	France, Ireland	1	1		Mass., N. Y.
<i>Evergestis rimosalis</i> (Gn.) (Pyraustidae): <i>Brassica oleracea capitata</i> (cabbage)	Mexico		1		Tex.
<i>Erptochiomera albomaculata</i> (Dist.) (Lygaeidae): <i>Philodendron</i> sp.	do			1	Tex.
<i>Erptochiomera formosa</i> (Dist.) (Lygaeidae): <i>Tillandsia</i> sp.	do			1	Tex.
<i>Faustinus cubae</i> (Boh.) (Curculionidae): <i>Capsicum frutescens</i> (pepper)	Cuba	1			N. Y.
<i>Ferrisia virgata</i> (Ckll.) (Coccidae): <i>Asplenium nidus</i> (bird's nest fern)	Palmyra Island			1	Hawaii.
<i>Calasetum viridiflorum</i> (orchid)	Canal Zone			1	Calif.*
<i>Cyrenoches chlorochilon</i> (orchid)	do			1	Calif.*
<i>Gardenia augusta</i> (gardenia)	Cuba	1			Fla.*
<i>Laelia autumnalis</i> (orchid)	Mexico			1	Calif.*
Orchid	do			2	Ariz.
<i>Peristeria elata</i> (orchid)	Canal Zone			1	Calif.*
<i>Philodendron</i> sp.	Mexico			1	Tex.
Plant—unidentified	Philippines			1	Calif.*
<i>Randia taitensis</i>	Tahiti	1			Hawaii.
Vine—unidentified	Philippines	1			Calif.*
<i>Fiorinia japonica</i> Kuw. (Coccidae): <i>Pinus</i> sp. (5-leaved pine)	Japan			1	Calif.*
<i>Frankliniella bispinosa</i> (Morg.) (Thripidae): Cut flowers—mixed	Bermuda	1			N. Y.
<i>Hibiscus</i> sp.	do	2			N. Y.
<i>Frankliniella formosae</i> Mlt. (Thripidae): <i>Chrysanthemum</i> sp.	Japan	1	2		Calif.,* Wash.
<i>Frankliniella fortissima</i> Pr. (Thripidae): <i>Gladiolus</i> sp.	Mexico	1			Calif.*

Pests (insects) collected and reported from July 1, 1951, through June 30, 1952—
Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Frankliniella intonsa</i> (Tryb.) (Thripidae):					
<i>Dianthus barbatus</i> (sweet-william)	Germany	1			N. Y.
<i>Dianthus</i> sp. (carnation)	do	3			N. Y.
<i>Lathyrus odoratus</i> (sweet pea)	Sweden, unknown	1	1		N. Y.
<i>Lathyrus</i> sp.	Unknown		1		N. Y.
<i>Linario</i> spp.	Ireland	1			N. Y.
<i>Lupinus</i> sp. (lupine)	Unknown		1		N. Y.
<i>Rosa</i> sp. (rose)	Germany	1			N. Y.
<i>Frankliniella schultzei</i> (Tryb.) (Thripidae):					
<i>Helichrysum</i> sp.	India		1		N. Y.
<i>Ornithogalum thyrsoides</i> (chinkerichee)	Union of South Africa	1			D. O.
<i>Furcaspis biformis</i> Ckll. (Coccidae):					
<i>Brassavola nodosa</i> (orchid)	Canal Zone			1	Calif.*
<i>Cattleya</i> sp. (orchid)	Canal Zone, Hawaii, Venezuela			5	Calif.,* Fla., N. J.
<i>Epidendrum atropurpureum</i> (orchid)	Canal Zone			1	Calif.*
<i>Epidendrum oncidoides</i> (orchid)	do			1	Calif.*
<i>Epidendrum</i> sp.	do			3	Calif.,* Fla.
<i>Laelia rubescens</i> (orchid)	Costa Rica			1	Calif.*
<i>Oncidium confusum</i> (orchid)	Canal Zone			1	Tex.
<i>Oncidium isthmi</i>	Panama			1	Tex.
<i>Oncidium panamense</i>	Canal Zone			1	Tex.
<i>Oncidium</i> sp.	Canal Zone, Panama			2	Fla., Tex.
Orchid	Barbados, Canal Zone, Hawaii, Netherlands Guiana, Panama, Venezuela			12	Calif.,* Fla., P. R., Tex.
<i>Vanda</i> sp. (orchid)	Hawaii			1	Calif.*
<i>Galgulpha texana</i> McA. & Mall. (Pentatomidae):					
Orchid	Mexico			1	Tex.
<i>Tillandsia</i> sp.	do			1	Tex.
<i>Gelechia ericetella</i> (Hbn.) (Gelechiidae):					
<i>Calluna vulgaris</i> (heather)	Ireland, Scotland	4			Ill., N. Y.
<i>Gerstaeckeria mutillaria</i> (Gerst.) (Curculionidae):					
<i>Mammillaria</i> sp. (cactus)	Mexico			1	Tex.
<i>Glycyphagus domesticus</i> (Deg.) (Glycyphagidae):					
<i>Punica granatum</i> (pomegranate)	Italy	1			Mass.
<i>Gnorimoschema gudmannella</i> (Wlsm.) (Gelechiidae):					
<i>Capsicum frutescens grossum</i> (bell pepper)	Mexico	2			Ariz.
<i>Capsicum frutescens longum</i> (chili pepper)	do	1			Calif.
<i>Gnorimoschema lavernella</i> (Chamb.) (Gelechiidae):					
<i>Physalis</i> sp.	do			1	D. C.
<i>Gnorimoschema ocellatella</i> (Boyd) (Gelechiidae):					
<i>Beta vulgaris</i> (beet)	Spain		1		Pa.
<i>Gortyna flavago</i> (Schiff.) (Phalaenidae):					
<i>Cynara scolymus</i> (artichoke)	Algeria, France		2		N. Y.
<i>Gortyna ochracea</i> (Hbn.) (Phalaenidae):					
<i>Cynara scolymus</i>	France		1		Tex.
<i>Gracilaria azaleella</i> Brants (Gracilariidae):					
<i>Rhododendron palestrina</i>	Netherlands			1	N. J.
<i>Rhododendron</i> sp.	England, France, Netherlands			6	N. J., N. Y.
<i>Grapholita molesta</i> (Busck) (Olethreutidae):					
<i>Prunus persica</i> (peach)	Korea	1			Minn.
<i>Gymnaetron beccabungae</i> var. <i>nigrum</i> Walt. (Curculionidae):					
<i>Syringa</i> sp. (lilac)	Netherlands	1			N. Y.
<i>Gymnandrosoma aurantianum</i> DeCosta Lima (?) (Olethreutidae):					
<i>Citrus sinensis</i> (orange)	Venezuela		1		La.
<i>Haplothrips gowdeyi</i> (Frankl) (Phlaeothripidae):					
<i>Antirrhinum majus</i> (snapdragon)	Bermuda	1			Mass.
<i>Bryophyllum</i> sp.	do			2	N. Y.
<i>Codiaeum</i> sp. (croton)	Jamaica	1			N. Y.
<i>Helichrysum</i> sp.	India		1		N. Y.
<i>Lilium longiflorum</i> (Easter lily)	Bermuda	1			N. J.

Pests (insects) collected and reported from July 1, 1951, through June 30, 1952—
Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Haplothrips wouramboulchii</i> Mlt. (Phlaeothripidae):	Union of South Africa...	1			N. Y.
<i>Ornithogalum thyrsoides</i> (chinkerichee)	do	1			N. Y.
<i>Protea reflecta</i>	do				
<i>Helipus caecus</i> Champ. (Curculionidae):	Mexico			1	Tex.
Orchid					
<i>Hemimene juliana</i> (Curt.) (Olethreutidae):	Greece, Italy	3			Ill., Mass., N. Y., D. C.
<i>Castanea</i> sp. (chestnut)	Italy			1	Calif.*
<i>Quercus trojana</i> (Macedonian oak)	India	5			S. C.
<i>Heterobostrychus aequalis</i> (Waterh.) (Bostrychidae):	England		1		Tex.
Wood box					
<i>Heterogaster urticae</i> (F.) (Lygaeidae):	Mexico	1			N. Y.
<i>Lactuca sativa</i> (lettuce)	Italy			1	Pa.
<i>Hymenia perspectalis</i> (Rbn.) (Pyraustidae):	Scotland	1			Tex.
Flowers—mixed					
<i>Hypoborus ficus</i> Er. (Scolytidae):	Italy			1	N. Y.
<i>Ficus carica</i> (fig)					
<i>Hypolithus riparius</i> (F.) (Elateridae):	Straits Settlements		1		Tex.
Grass sod					
<i>Iceya aegyptiaca</i> Dougl. (Coccidae):	Azores	1			Mass.
Plant—unidentified	do			1	Mass.
<i>Iridomyrmex humilis</i> Mayr (Formicidae):	Portugal	1			N. Y.
<i>Ananas comosus</i> (pineapple)	do				Mass.
Bulb—unidentified	do				N. Y.
<i>Dianthus</i> sp. (carnation)	Azores, Madeira Islands	2			Mass., N. Y.
<i>Ficus carica</i> (fig)	Union of South Africa	1			N. Y.
Flowers—mixed	Italy	1			N. Y.
<i>Leucophyllum</i> sp.	Portugal	1			N. Y.
<i>Olea europaea</i> (olive)	Union of South Africa	1			Mass.
Orchid	do	1			Mass.
<i>Protea grandiceps</i> (great protea)	Azores			1	Mass.
Proteaceae	do				Mass.
Soil with ferns	Chile, Union of South Africa	3			N. Y.
Straw jacket					
<i>Vitis</i> sp. (grape)					
<i>Iridomyrmex iniquus</i> Mayr (Formicidae):	Guatemala		1		N. J.
<i>Miltonia roezli</i> (orchid)	do		1		N. J.
<i>Odontoglossum grande</i> (orchid)	do		2		N. J.
<i>Oncidium</i> sp. (orchid)	do		2		Fla., Tex.
Orchid	do		2		N. J.
Packing	British West Indies	1			N. J.
<i>Isorhinus depressus</i> Champ. (Curculionidae):	Mexico			1	Tex.
<i>Tillandsia</i> sp.	do			1	Tex.
<i>Isorhinus undatus</i> Champ. (Curculionidae):	do			1	Tex.
Orchid					
<i>Tillandsia</i> sp.					
<i>Lampelia equestris</i> (F.) (Syrphidae):	New Zealand			1	Mich.
<i>Galanthus</i> (?) sp.	Italy, Netherlands			5	Calif., *N. J., N. Y.
<i>Narcissus</i> sp.					
<i>Lampides boeticus</i> (L.) (Lycaenidae):	Hawaii	20			Calif.*
<i>Canavalia</i> sp.	do	1			Calif.*
<i>Phaseolus vulgaris</i> var. (string bean)					
<i>Lardoglyphus zacheri</i> Oudms. (Lardoglyphidae):	Mexico	1			Ariz.
Sea shell					
<i>Lasioptera rubi</i> Heeger (?) (Itonididae):	England			2	N. J.
<i>Rubus loganobaccus</i> (loganberry)	Peru		1		Tex.
<i>Laspeyresia leguminus</i> Hein. (Olethreutidae):					
<i>Phaseolus vulgaris</i> var. (string bean)	England, Italy		2		Pa., Tex.
<i>Laspeyresia nigricana</i> (Stph.) (Olethreutidae):					
<i>Pisum sativum</i> (pea)					
<i>Laspeyresia splendana</i> (Hbn.) (Olethreutidae):	Italy, Japan, Portugal, Yugoslavia	32		1	Calif., * Mass., N. Y.
<i>Castanea</i> sp. (chestnut)					

Pests (insects) collected and reported from July 1, 1951, through June 30, 1952—
Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Laspeyresia strobilella</i> (L.) (Olethreutidae):					
<i>Picea</i> sp. (spruce).....	Germany.....	2			N. Y., Wash.
<i>Lecanium coryli</i> (L.) (Coccidae):					
<i>Aeculus carnea</i> (red horsechestnut).....	Netherlands.....		1		N. J.
<i>Crataegus monogyna</i> (English hawthorn).....	England.....		1		N. J.
<i>Lema quinquenotata</i> Clark (Chrysomelidae):					
Bromeliad.....	Mexico.....		1		Tex.
<i>Leperisinus fraxini</i> (Panz.) (Scolytidae):					
<i>Fraxinus</i> sp. (ash).....	England.....	2			Mass.
<i>Lepidosaphes conchiformis</i> (Gmel.) (Coccidae):					
<i>Prunus</i> sp.....	Japan.....		1		Calif.*
<i>Lepidosaphes ficus</i> (Sign.) (Coccidae):					
<i>Ficus carica</i> (fig).....	Italy.....		1		N. Y.
<i>Ficus</i> sp.....	Algeria, Italy, Lebanon, Syria.....		4		Calif.* D. C., N. J.
<i>Lepidosaphes pallida</i> (Green) (Coccidae):					
<i>Cryptomeria japonica</i> (cryptomeria).....	Japan.....		1		Calif.*
<i>Juniperus</i> sp. (juniper).....	do.....		4		Calif.* Wash.
<i>Picea</i> (?) sp.....	do.....		1		Calif.*
<i>Lepidosaphes philococcus</i> (Ckll.) (Coccidae):					
Cactus.....	Mexico.....		2		Tex.
<i>Cereus</i> sp. (cactus).....	do.....		1		Tex.
<i>Myrtillocactus</i> sp. (cactus).....	do.....		5		Tex.
<i>Pachycereus marginatus</i> (cactus).....	do.....		1		Tex.
<i>Pilocereus palmeri</i> (cactus).....	do.....		1		Tex.
<i>Lepidosaphes tokionis</i> (Kuw.) (Coccidae):					
<i>Codiaeum variegatum</i> (croton).....	Hawaii.....	3	3		Calif.*
<i>Codiaeum</i> sp.....	Guam, Hawaii, Panama.....	1	2		Ala., Hawaii.
<i>Lepidosaphes tuberculata</i> Malen. (Coccidae):					
<i>Cymbidium</i> sp. (orchid).....	Australia, Philippines.....		11		Calif.* Hawaii.
<i>Monanthes lauriflora</i>	Canary Islands.....		1		Calif.*
<i>Leptoglossus chilensis</i> Spinola (Coreidae):					
<i>Vitis</i> sp. (grape).....	Chile.....	2			N. Y.
<i>Leucaspis cockerelli</i> (de Charmoy) (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime).....	Nicaragua, Salvador.....	3			Calif.*
<i>Citrus aurantium</i> (sour orange).....	Trinidad.....		1		Fla.*
<i>Citrus paradisi</i> (grapefruit).....	Canal Zone, Cuba, Dominica, Panama.....		5		Calif.*
<i>Citrus sinensis</i> (orange).....	Canal Zone, Jamaica, Panama.....	1	4		Calif.* Fla.*
Orchid.....	Canal Zone, Costa Rica.....		2		Calif.*
<i>Leucaspis indica</i> Marl. (Coccidae):					
<i>Mangifera indica</i> (mango).....	Jamaica.....		1		Fla.
<i>Leucinodes orbonalis</i> Gn. (Pyraustidae):					
<i>Solanum melongena</i> (eggplant).....	Indonesia.....		1		Hawaii.
<i>Lichtenisia viburni</i> Sign. (Coccidae):					
<i>Hedera colchica</i> (Colchis ivy).....	England.....		1		N. J.
<i>Ligyrocoris abdominalis</i> (G.-M.) (Lygaeidae):					
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1			Tex.
<i>Philodendron</i> sp.....	do.....		1		Tex.
<i>Ligyrocoris aurivilliana</i> (Dist.) (Lygaeidae):					
<i>Lycopersicon esculentum</i> (tomato).....	do.....	3			Tex.
<i>Ligyrocoris nitidicollis</i> (Stal) (Lygaeidae):					
<i>Lycopersicon esculentum</i> (tomato).....	do.....	1			Ariz.
<i>Lineodes integra</i> (Zell.) (Pyraustidae):					
<i>Lycopersicon esculentum</i> (tomato).....	do.....	4			Ariz., Tex.
<i>Lozostege similalis</i> (Gn.) (Pyraustidae):					
<i>Celosia</i> sp. (cockscornb).....	do.....	1			Tex.
Flowers-mixed.....	do.....	1			Tex.
<i>Portulaca oleracea</i> (purslane).....	do.....	1			Tex.
<i>Lyctus spinifrons</i> (Lesne) (Lyctidae):					
Wooden case.....	India.....	3			Calif.*
<i>Malacosoma neustria</i> (L.) (?) (Lasiocampidae):					
<i>Prunus mume</i> (Japanese apricot).....	Japan.....		1		Hawaii.

Pests (insects) collected and reported from July 1, 1951, through June 30, 1952—
Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Mamestra brassicae</i> (L.) (Phalaenidae):					
<i>Apium graveolens</i> (celery).....	Denmark.....		1		La.
<i>Brassica napobrassica</i> (rutabaga).....	England.....		1		Pa.
<i>Brassica oleracea capitata</i> (cabbage).....	France, Ireland, Italy.....	1	3		Mass., N. Y.
<i>Petroselinum crispum</i> (parsley).....	France.....		1		Pa.
<i>Maruca testulalis</i> (Geyer) (Pyraustidae):					
<i>Canavalia</i> sp.....	Hawaii.....	10			Calif.,*
<i>Phaseolus vulgaris</i> var. (string bean).....	Hawaii, Japan, Netherlands Guiana.....	1	4		Hawaii. Ala., Calif.,* Oreg., Wash. Calif.*
<i>Phaseolus</i> sp.....	Hawaii.....		1		
<i>Megalometis chiliensis</i> Boh. (Curculionidae):					
<i>Prunus domestica</i> (plum).....	Chile.....	1			N. Y.
<i>Prunus persica nectarina</i> (nectarine).....	do.....	1			N. Y.
<i>Melolontha melolontha</i> (L.) (Scarabaeidae):					
Unknown.....	Germany.....	1			N. Y.
<i>Metamasius habetatus</i> (Gyll.) (Curculionidae):					
<i>Musa paradisiaca sapientum</i> (banana).....	Ecuador.....	1			Tex.
<i>Metamasius sericeus</i> (Oliv.) (Curculionidae):					
<i>Musa paradisiaca sapientum</i> (banana).....	Ecuador, Guatemala, Panama.....	33			Calif.,* S. C., Tex.
<i>Micrelus ericae</i> Gyll. (Curculionidae):					
<i>Calluna vulgaris</i> (heather).....	Ireland.....	1			N. Y.
<i>Microcephalothrips abdominalis</i> (Crawf.) (Thripidae):					
<i>Aster</i> sp.....	Trinidad.....	1			N. Y.
<i>Helichrysum</i> sp.....	India.....		1		N. Y.
<i>Lonicera</i> sp. (honeysuckle).....	do.....		1		N. Y.
<i>Microvelia oaxacana</i> Drake (Veliidae):					
Bromeliad.....	Mexico.....			6	Tex.
<i>Mimosestes dominicanus</i> (Jek.) (Bruchidae):					
<i>Caesalpinia coriaria</i> (divi-divi).....	Venezuela.....	1			Fla.*
<i>Mimosestes sallaei</i> (Sharp) (Bruchidae):					
Tree seed.....	Dominican Republic.....		1		P. R.
<i>Minthea obsita</i> Woll. (Lyctidae):					
<i>Khaya</i> sp.....	Liberia.....	1			La.
<i>Minthea rugicollis</i> (Wlk.) (Lyctidae):					
Wooden box.....	India.....	1			Calif.*
<i>Monanthia monotropidia</i> Stal (Tingidae):					
<i>Tillandsia</i> sp.....	Mexico.....			1	Tex.
<i>Monomorium destructor</i> (Jerd.) (Formicidae):					
<i>Ananas comosus</i> (pineapple).....	Guam.....	1			Tex.
Fern.....	Yap Island.....			1	Hawaii.
Orchid.....	Jamaica.....			1	N. J.
<i>Rosa</i> sp.....	Canada.....			1	N. J.
<i>Zingiber officinale</i> (ginger).....	Jamaica.....	1			N. Y.
<i>Mormidea cubrosa</i> (Dallas) (Pentatomidae):					
Flowers.....	Mexico.....	1			Tex.
<i>Tillandsia</i> sp.....	do.....			1	Tex.
<i>Myodocha longicollis</i> Stal (Lygaeidae):					
Orchid.....	do.....			3	Tex.
<i>Nasutitermes corniger</i> (Motsch.) (Termitidae):					
<i>Swietenia mahagoni</i> (mahogany).....	Honduras.....	1			La.
<i>Neoleucinodes elegantalis</i> (Guen.) (Pyraustidae):					
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	4			Tex.
<i>Solanum melongena</i> (eggplant).....	Brazil.....		1		Md.
<i>Odonaspis saccharicaulis</i> (Zehnt.) (Coccidae):					
Grass.....	Philippines.....	1			Calif.*
<i>Opogona aurisquamosa</i> (Butl.) (Tineidae):					
<i>Ananas comosus</i> (pineapple).....	Hawaii.....	1			Calif.*
<i>Orthotylus ericetorum</i> (Fall.) (Miridae):					
<i>Calluna vulgaris</i> (heather).....	Scotland.....	1			N. Y.
<i>Oryzocarenum lactus</i> Kirby (Lygaeidae):					
<i>Gossypium</i> sp. (cottonseed).....	Pakistan.....		1		D. C.
<i>Oryctonia jucunda</i> (Fald.) (Scarabaeidae):					
Airplane.....	Japan.....		1		Hawaii.
<i>Pachygrontha oedanealodes</i> Stal (Lygaeidae):					
Orchid.....	Mexico.....			1	Tex.

Pests (insects) collected and reported from July 1, 1951, through June 30, 1952—
Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Pachyzancla bipunctalis</i> (F.) (Pyraustidae):					
<i>Centaurea cyanus</i> (bachelors-button)	Mexico	1			Tex.
<i>Chrysanthemum</i> sp.	do.	1			Tex.
<i>Pagticerus fiorii</i> (Eggers) (Scolytidae):					
<i>Zea mays</i> (corn)	Peru			1	N. Y.
<i>Palaeopus costicollis</i> Mshll. (Curculionidae):					
<i>Dioscorea</i> sp. (yam)	Jamaica	2			Fla.*
<i>Zingiber officinale</i> (ginger)	do.	1			N. Y.
<i>Paraleurodes goyabae</i> (Goeldi) (?) (Aleyrodidae):					
<i>Psidium</i> sp., prob. <i>guajara</i>	Mexico			1	Ariz.
<i>Parallelodiplosis cattleyae</i> (Molliard) (?) (Itonididae):					
Orchid	Costa Rica			1	Fla.
<i>Parlatoria camelliae</i> Comst. (Coccidae):					
<i>Camellia</i> sp.	Japan			7	Calif.,* Wash.
<i>Parlatoria chinensis</i> (Marl.) (Coccidae):					
<i>Pyrus</i> sp.	do.			1	Calif.*
<i>Parlatoria cinerea</i> Hadden (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime)	Mexico		2		Calif.*
<i>Citrus paradisi</i> (grapefruit)	Bolivia, Brazil, Uruguay.	2	2		Calif.,* Fla.*
<i>Citrus paradisi</i> (pomelo)	Formosa	1			Minn.
<i>Citrus sinensis</i> (orange)	Argentina, Brazil, Mexico, Trinidad.	1	4		Calif.,* Fla.*
<i>Parlatoria morrisoni</i> McKenzie (Coccidae):					
<i>Mangifera indica</i> (mango)	India			1	D. C.
<i>Parlatoria oleae</i> (Colvce) (Coccidae):					
<i>Malus sylvestris</i> (apple)	Greece, Israel, Italy	3			N. Y.
<i>Olea europaea</i> (olive)	Portugal	1			Mass.
<i>Parlatoria pseudaspidotus</i> Ldgr. (Coccidae):					
<i>Aerides quinquevulnera</i> (orchid)	Philippines			1	Calif.*
<i>Cymbidium</i> sp. (orchid)	do.			1	Calif.*
<i>Dendrobium</i> sp. (orchid)	Thailand			1	Calif.*
<i>Hoya macrophylla</i>	Indonesia			1	N. J.
Plant—unidentified	Canal Zone			1	Calif.*
<i>Vanda teres</i> (orchid)	Ceylon			1	N. J.
<i>Vanda</i> sp.	Canal Zone			1	D. C.
<i>Parlatoria pyri</i> Marlatt (Coccidae):					
<i>Acer</i> sp.	Japan			1	Calif.*
<i>Parlatoria zizyphus</i> (Lucas) (Coccidae):					
<i>Citrus aurantifolia</i> (lime)	Philippines	1			Calif.*
<i>Citrus limon</i> (lemon)	France, Italy		3		Calif.,* Fla.,* Pa.
<i>Citrus reticulata</i> (Mandarin orange)	Algeria		1		Pa.
<i>Citrus sinensis</i> (orange)	Algeria, Italy, Spain		4		Calif.,* Fla.,* Pa.
<i>Pealius hibisci</i> (Kot.) (Aleyrodidae):					
<i>Gardenia augusta</i> (gardenia)	Hawaii	1			Calif.*
<i>Pectinophora gossypiella</i> (Saund.) (Gelechiidae):					
<i>Gossypium</i> sp. (cottonseed)	Brazil, Hawaii, Mexico	56	10	1	Calif.,* P. R., Tex.
<i>Gossypium</i> sp. (seed cotton)	Mexico	129	25		Tex.
<i>Gossypium</i> sp. (cotton; boll)	Bahamas, Greece, Hawaii, Jamaica, Mexico.	9	4		Calif.,* Fla.,* Hawaii, N. Y., Tex.
<i>Gossypium</i> sp. (cotton; bale)	India	1			S. C.
<i>Gossypium</i> sp. (cotton; lint)	Mexico	1			Tex.
<i>Hibiscus esculentus</i> (okra)	Brazil, Trinidad	2			Fla.,* N. Y.
Railway car	Mexico		1		Tex.
Truck	do.		1		Tex.
<i>Pentamerismus oregonensis</i> McGregor (Phytotipalpidae):					
<i>Juniperus</i> sp. (juniper)	Japan			1	Wash.
<i>Perkinsiella vitensis</i> Kirk. (Delphacidae):					
Airplane	Fiji Islands		1		Hawaii.

Pests (insects) collected and reported from July 1, 1951, through June 30, 1952—
Continued

[An asterisk indicates State inspection]

Insect and host.	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Pheidole megacephala</i> (F.) (Formicidae):					
<i>Ananas comosus</i> (pineapple)	Dominica, Gold Coast	1		1	N. Y., P. R.
<i>Brassica rapa</i> (turnip)	Cuba		1		Pa.
<i>Chrysanthemum</i> sp.	Bermuda	1			N. Y.
Flowers—mixed	do	1			N. Y.
<i>Gossypium</i> sp. (cotton; boll)	do	1			N. Y.
<i>Hibiscus</i> sp.	do			1	N. Y.
<i>Lilium longiflorum</i> (Easter lily)	do			1	Mass.
<i>Lilium</i> sp.	do	2			N. Y.
Orchid	Brazil			1	N. J.
<i>Yucca</i> sp.	Bermuda			1	N. Y.
<i>Phenacaspis fujicola</i> Kuw. (Coccidae):					
<i>Wisteria</i> sp.	Japan			1	Calif.*
<i>Phenacaspis sandwicensis</i> Fullaway (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Hawaii	1			Calif.*
<i>Gardenia</i> sp.	do			1	Calif.*
<i>Strelitzia reginae</i> (bird-of-paradise-flower)	do	1			Calif.*
<i>Strelitzia</i> sp.	do	1			Calif.*
<i>Philia febrilis</i> (L.) (Bibionidae):					
<i>Zinnia</i> sp.	Germany	1			N. Y.
<i>Phloeotribus scarabaeoides</i> (Bern.) (Scolytidae):					
<i>Olea europaea</i> (olive)	Italy	1			N. Y.
<i>Phlyctinus callosus</i> Boh. (Curculionidae):					
<i>Vitis</i> sp. (grape)	Union of South Africa	1			Mass.
<i>Phytomyza rufipes</i> (Mg.) (Agromyzidae):					
<i>Brassica oleracea botrytis</i> (cauliflower)	Sweden			1	Mass.
<i>Phytoptus avellanae</i> Nal. (Eriophyidae):					
<i>Corylus maxima purpurea</i>	Netherlands			1	N. J.
<i>Pieris brassicae</i> (L.) (Pieridae):					
<i>Brassica oleracea capitata</i> (cabbage)	Denmark, France			2	N. Y., Va.
<i>Pieris brassicae</i> (L.) (?) (Pieridae):					
<i>Brassica oleracea capitata</i> (cabbage)	Ireland	1			Mass.
<i>Pinnaspis buzi</i> (Bouche) (Coccidae):					
Araceae	Canal Zone			1	Fla.
<i>Cordyline terminalis</i> (dracena)	do			1	N. J.
Leaf—unidentified	Costa Rica			2	Tex.
<i>Monstera</i> sp.	Cuba			1	D. C.
<i>Scindapsus aureus</i> (Solomon Islands ivy-arum)	Hawaii			1	Calif.*
<i>Strelitzia</i> sp.	do	1			Calif.*
<i>Pinnaspis scrobicularum</i> (Green) (Coccidae):					
<i>Aerides quinquevulnera</i> (orchid)	Philippines			1	Calif.*
<i>Vanda luzonica</i> (orchid)	do			1	Calif.*
<i>Vanda sanderiana</i>	do			1	Calif.*
<i>Pinnaspis uniloba</i> (Kuw.) (Coccidae):					
<i>Camellia</i> sp.	Japan			1	Calif.*
<i>Pityogenes chalcographus</i> (L.) (Scolytidae):					
Bark on crate	Sweden	1			Tex.
<i>Picea</i> sp. (spruce)	do	2			Mass., N. Y.
<i>Pinus</i> sp.	do	1			N. Y.
<i>Pityophthorus sambuci</i> Blkm. (Scolytidae):					
Bark on crate	Mexico	1			Calif.
<i>Plagioderma thymaloides</i> Stal (Chrysomelidae):					
Orchid	do			1	Tex.
<i>Tillandsia</i> sp.	do			1	Tex.
<i>Platynota rostrana</i> (Wlk.) (Tortricidae):					
<i>Ananas comosus</i> (pineapple)	Cuba	1			N. Y.
<i>Capsicum frutescens</i> (pepper)	do	2			N. Y.
<i>Capsicum frutescens grossum</i> (bell pepper)	Trinidad			1	Ala.
<i>Lippia</i> sp.	Costa Rica	1			P. R.
<i>Lycopersicon esculentum</i> (tomato)	Mexico	6			Tex.
<i>Sechium edule</i> (chayote)	do	1			Tex.
" <i>Poliaspis</i> " <i>pini</i> Mask. (Coccidae):					
<i>Pinus</i> sp. (2-leaved pine)	Japan			1	Calif.*
<i>Pinus</i> sp.	do			1	Pa.
<i>Polychrosis botrana</i> (Schiff.) (Olethreutidae):					
<i>Vitis</i> sp. (grape)	Italy	3			Mass., N. Y.
<i>Prays oleellus</i> (F.) (Hymenoptera):					
<i>Olea europaea</i> (olive)	do	1			N. Y.

Pests (insects) collected and reported from July 1, 1951, through June 30, 1952—
Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Prodenia litura</i> (F.) (Phalaenidae):					
Airplane	Wake Island		1		Hawaii.
<i>Gladolus</i> sp.	Israel	3			N. Y.
<i>Prodenia ornithogalli</i> Gn. (Phalaenidae):					
<i>Dianthus</i> sp. (carnation)	Bermuda	1			N. Y.
<i>Prostephanus truncatus</i> (Horn) (Bostrichidae):					
<i>Cephalocereus senilis</i> (cactus)	Mexico			1	Tex.
<i>Protetia orientalis</i> (Gory & Perch.) (Scarabaeidae):					
Airplane	Japan		1		Hawaii.
<i>Protopulvinaria longivalvata</i> (Green) (Coccidae):					
<i>Gardenia augusta</i> (gardenia)	Costa Rica, Panama (?), Trinidad	1	1		Calif.,* Fla., Tex.
<i>Protopulvinaria pyriformis</i> (Ckll.) (Coccidae):					
<i>Gardenia augusta</i> (gardenia)	Costa Rica, Panama	1		1	Fla., La.
<i>Iora</i> sp.	Barbados	1			P. R.
<i>Pseudaonidia curculiginis</i> (Green) (Coccidae):					
<i>Cymbidium finlaysonianum</i> (orchid)	Philippines			1	Calif.*
<i>Pseudaonidia trilobitiformis</i> (Green) (Coccidae):					
<i>Citrus aurantifolia</i> (lime)	Colombia	1			Fla.*
Ground creeper—unidentified	Trinidad			1	P. R.
<i>Pseudischnaspis alienus</i> (Newst.) (Coccidae):					
<i>Cattleya</i> sp. (orchid)	Salvador			1	Fla.
<i>Laelia</i> sp. (orchid)	Mexico			1	Tex.
Orchid	Panama	1			Fla.*
<i>Pseudischnaspis longissima</i> (Ckll.) (Coccidae):					
<i>Mangifera indica</i> (mango)	Nicaragua, Panama	2			Calif.*
<i>Pseudococcus filamentosus</i> (Ckll.) (Coccidae):					
<i>Mangifera indica</i> (mango)	Colombia		1		Pa.
<i>Pseudococcus lilacinus</i> Ckll. (Coccidae):					
<i>Lansium domesticum</i> (lansat)	Philippines	1			Hawaii.
<i>Pseudococcus palmarum</i> (Ehrh.) (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Hawaii	2			Calif.*
<i>Pseudococcus pandanicola</i> Tak. (Coccidae):					
<i>Pandanus</i> sp.	Arno Atoll Island			1	Hawaii.
<i>Pseudococcus pini</i> (Kuw.) (Coccidae):					
<i>Pinus</i> sp. (2-leaved pine)	Japan	1			Wash.
<i>Pinus</i> sp. (5-leaved pine)	do			1	Calif.*
<i>Pseudococcus trichilliae</i> Brain (Coccidae):					
<i>Leucadendron argenteum</i>	Union of South Africa	1			Mass.
<i>Pseudodiaspis yuccae</i> (Ckll.) (Coccidae):					
<i>Cercidium</i> sp. (paloverde)	Mexico			1	Ariz.
<i>Pseudothrips glaucus</i> Bagn. (?) (Thripidae):					
<i>Berzelia intermedia</i>	Union of South Africa	1			N. Y.
<i>Protea reflexa</i>	do	1			N. Y.
<i>Psylliodes chrysocephala</i> L. (Chrysomelidae):					
<i>Raphanus sativus</i> (radish)	Italy		1		Pa.
<i>Puleinaria psidii</i> Mask. (Coccidae):					
<i>Alpinia purpurata</i>	Hawaii	1			Calif.*
<i>Bryophyllum</i> spp.	do	1			Hawaii.
Plant—unidentified	Bermuda			1	Mass.
<i>Rhododendron</i> sp.	do	1			N. Y.
<i>Puto ulter</i> Ferris (Coccidae):					
<i>Odontoglossum grande</i> (orchid)	Guatemala			1	N. J.
<i>Odontoglossum</i> sp.	do			1	Wash.
Ochid.	do			3	Fla.
<i>Pyrausta nubilalis</i> (Hbn.) (Pyraustidae):					
<i>Capsicum frutescens</i> (pepper)	Italy, Trieste, unknown	1	3		N. Y., Pa., Tex.
<i>Capsicum frutescens grossum</i> (bell pepper)	Egypt		1		Pa.
<i>Chrysanthemum</i> sp.	Japan		1		Wash.
<i>Phaseolus vulgaris</i> var. (string bean)	do		2		Wash.
<i>Solanum melongena</i> (eggplant)	Formosa		1		Wash.
<i>Sorghum vulgare technicum</i> (broomcorn)	Italy	8			Md., Mass., N. Y., Tex.
<i>Rhagoletis cerasi</i> (L.) (Tephritidae):					
<i>Prunus</i> sp. (cherry)	Azores, France, Italy, Portugal, Switzerland, unknown.	5	8		Mass., N. Y.

Pests (insects) collected and reported from July 1, 1951, through June 30, 1952—
Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Rhagoletis completa</i> Cress. (Tephritidae):					
<i>Juglans</i> sp. (walnut).....	Mexico.....	3	---	---	Tex.
<i>Rhagoletis pomonella</i> (Walsh) (Tephritidae):					
<i>Malus sylvestris</i> (apple).....	Mexico, unknown.....	36	---	---	Ariz., Fla., Tex.
<i>Pyrus communis</i> (pear).....	Mexico.....	1	---	---	Tex.
<i>Rhagoletis pomonella</i> (Walsh) (?) (Tephritidae):					
<i>Malus sylvestris</i> (apple).....	Sweden.....	---	1	---	N. Y.
<i>Rhagoletis striatella</i> Wulp (Tephritidae):					
<i>Physalis</i> sp. (husk tomato).....	Mexico.....	1	---	---	Tex.
<i>Ribua innozia</i> Hein. (Phycitidae):					
<i>Ananas comosus</i> (pineapple).....	Cuba.....	2	---	---	N. Y.
<i>Scepticus insularis</i> Roelofs (Curculionidae):					
Packing around plants.....	Japan.....	---	---	1	Wash.
<i>Scotinophara lurida</i> (Burm.) (Pentatomidae):					
<i>Oryza sativa</i> (rice).....	do.....	1	---	---	Hawaii.
<i>Scyphophorus acupunctatus</i> Gyll. (Curculionidae):					
Ittle.....	Mexico.....	1	---	---	Tex.
<i>Sesamia cretica</i> Led. (Phalaenidae):					
<i>Sorghum vulgare technicum</i> (broomcorn).....	Greece, Italy, Morocco.....	19	---	---	Md., Mass., N. Y., Tex., Va.
<i>Zea mays</i> (corn).....	Italy.....	1	---	---	N. Y.
<i>Sesamia nonagrioides</i> Lef. (Phalaenidae):					
<i>Sorghum vulgare technicum</i> (broomcorn).....	Morocco.....	1	---	---	Md.
<i>Sinozylon anale</i> Lesne (Bostrichidae):					
<i>Khaya</i> sp.....	Philippines.....	1	---	---	Tex.
Wood.....	India.....	3	---	---	N. Y.
<i>Sinozylon conigerum</i> Gerst. (Bostrichidae):					
Wood.....	do.....	11	---	---	Calif., N. Y., Tex.
<i>Sinozylon crassum</i> Lesne (Bostrichidae):					
Wood.....	do.....	4	---	---	Calif.*
<i>Sinozylon serdentatum</i> Oliv. (Bostrichidae):					
Cork-bale slat.....	Algeria.....	1	---	---	Pa.
<i>Sirex noctilio</i> F. (Siricidae):					
Woolen goods.....	Switzerland.....	1	---	---	N. Y.
<i>Sisamnes contractus</i> Dist. (Lygaeidae):					
<i>Ananas comosus</i> (pineapple).....	Mexico.....	6	---	---	Tex.
<i>Sitona lineata</i> (L.) (Curculionidae):					
<i>Beta vulgaris</i> (beet).....	England.....	---	1	---	Pa.
<i>Chrysanthemum</i> sp.....	Denmark, Portugal.....	2	---	---	N. Y.
<i>Syringa</i> sp. (lilac).....	Netherlands.....	1	---	---	N. Y.
<i>Sirex noctilio</i> F. (Siricidae):					
Cactus.....	Mexico.....	---	---	2	Tex.
<i>Mammillaria compressa cristata</i> (cactus).....	do.....	---	---	1	Tex.
<i>Mammillaria</i> sp.....	do.....	---	---	1	Tex.
<i>Spondylis buprestoides</i> L. (Cerambycidae):					
Baggage.....	Japan.....	1	---	---	Hawaii.
<i>Stenoma anonella</i> Sepp. (Stenomidae):					
<i>Annona muricata</i> (sour sop).....	Salvador.....	1	---	---	La.
<i>Stenoma catenifer</i> Wlsm. (Stenomidae):					
<i>Persea americana</i> (avocado).....	British Honduras, Colombia, Ecuador, Guatemala, Honduras, Mexico, Nicaragua, Panama, Peru.	21	5	---	Calif., Fla., N. Y., Tex.
<i>Stephanitis pyrioides</i> Scott (Tingidae):					
<i>Rhododendron</i> sp.....	Japan.....	---	---	1	Calif.*
<i>Stephanoderes hampei</i> (Ferr.) (Scolytidae):					
<i>Coffea</i> sp. (coffee).....	Brazil.....	1	---	---	La.
<i>Strophosoma capitatus</i> (Deg.) (Curculionidae):					
Forest litter with hydrangeas.....	Germany.....	---	---	1	Wash.
<i>Strophosoma melanogrammus</i> (Forst.) (Curculionidae):					
Soil and woods moss with rosaceous plants.....	do.....	---	---	1	N. J.

Pests (insects) collected and reported from July 1, 1951, through June 30, 1952—
Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Taeniothrips atratus</i> (Hal.) (Thripidae):					
<i>Calluna vulgaris</i> (heather).....	Scotland.....	1			Ill.
<i>Dianthus barbatus</i> (sweet-william).....	Germany, unknown.....	1	1		N. Y.
<i>Dianthus</i> sp. (carnation).....	Czechoslovakia, France, Germany, Sweden.....	10			N. Y.
<i>Lathyrus odoratus</i> (sweet pea).....	Sweden.....	1			N. Y.
<i>Rosa</i> sp. (rose).....	Ireland.....	1			Mass.
<i>Taeniothrips ericae</i> (Hal.) (Thripidae):					
<i>Calluna vulgaris</i> (heather).....	England, Ireland, Scotland.....	7		1	Ill., N. Y., Pa.
<i>Taeniothrips gracilis</i> Mlt. (Thripidae):					
<i>Lilium longiflorum</i> (Easter lily).....	Bermuda.....	1			N. J.
<i>Taeniothrips hawaiiensis</i> (Morg.) (Thripidae):					
<i>Canavalia</i> sp.....	Hawaii.....	1			Calif.*
<i>Chrysanthemum</i> sp.....	Japan.....	1	1		Wash.
<i>Gardenia augusta</i> (gardenia).....	Hawaii.....	1			Calif.*
<i>Taeniothrips vulgarissimus</i> (Hal.) (Thripidae):					
<i>Dianthus</i> sp. (carnation).....	Germany.....	1			N. Y.
<i>Lathyrus odoratus</i> (sweet pea).....	Unknown.....		1		N. Y.
<i>Lathyrus</i> sp.....	do.....	1	1		N. Y.
<i>Talponia batesi</i> Hein. (Olethreutidae):					
<i>Annona cherimola</i> (cherimoya).....	Mexico.....	5			Tex.
<i>Annona muricata</i> (soursoap).....	Guatemala.....		2		La.
" <i>Targionia</i> " <i>bromiliae</i> (Leon) (Coccidae):					
<i>Ananas comosus</i> (pineapple).....	Mexico.....	19			Tex.
" <i>Targionia</i> " <i>cueroensis</i> (Ckll.) (Coccidae):					
<i>Prosopis juliflora</i> (mesquite).....	do.....	1			Tex.
" <i>Targionia</i> " <i>hartii</i> (Ckll.) (Coccidae):					
<i>Dioscorea</i> sp. (yam).....	Barbados, Dominican Republic, Mexico, Philippines, Trinidad.....	3	2		Calif.*, Fla.*, Mass., N. Y., P. R.
" <i>Targionia</i> " <i>sacchari</i> (Ckll.) (Coccidae):					
Grass.....	Saipan.....	1			Oreg.
<i>Saccharum officinarum</i> (sugarcane).....	Cuba, Puerto Rico.....	2			Fla.*, N. Y.
<i>Teleomeia cylindricornis</i> Champ. (Tingidae):					
Orchid.....	Mexico.....			1	Tex.
<i>Tenthecoris angustimarginatus</i> Hsiao & Sailer (Miridae):					
Orchid.....	do.....			7	Tex.
<i>Tenthecoris bicolor</i> Scott (Miridae):					
<i>Epidendrum</i> sp. (orchid).....	Guatemala.....			1	N. J.
Orchid.....	Guatemala, Mexico.....			5	Fla., Tex.
<i>Tenthecoris confusus</i> Hsiao & Sailer (Miridae):					
Orchid.....	Mexico.....			5	Tex.
<i>Tenthecoris orchidearum</i> (Reuter) (Miridae):					
Orchid.....	Brazil.....			1	P. R.
<i>Tephritis arnicae</i> (L.) (Tephritidae):					
Flowers—unidentified.....	Switzerland.....	1			N. Y.
<i>Tetraleurodes acaciae</i> (Q.) (Aleyrodidae):					
<i>Laurus nobilis</i> (Grecian laurel).....	Mexico.....	1			Tex.
Leaf—unidentified.....	do.....			1	Ariz.
Legume leaf.....	Cuba.....	1			Fla.*
<i>Mangifera indica</i> (mango).....	Mexico.....	1			Ariz.
<i>Tetropium castaneum</i> (L.) (Cerambycidae):					
<i>Pinus</i> sp. (pine).....	Germany.....	1			La.
<i>Texananus spatulatus</i> (VanD.) (Cicadellidae):					
Airplane.....	Mexico.....			1	Tex.
<i>Toxotrypana curvicauda</i> Gerst. (Tephritidae):					
<i>Carica papaya</i> (papaya).....	do.....	1	1		Tex.
Truck bed.....	do.....		2		Tex.
<i>Trialeurodes abutilonea</i> (Hald.) (?) (Aleyrodidae):					
Leaf—unidentified.....	do.....	1			Tex.
<i>Trialeurodes lauri</i> (Sign.) (Aleyrodidae):					
<i>Laurus nobilis</i> (Grecian laurel).....	Italy.....		1		Tex.
<i>Trialeurodes varia</i> Q. & B. (Aleyrodidae):					
<i>Cucurbita</i> (?) sp.....	Mexico.....	1			Tex.
<i>Trichobaris championi</i> Barber (Curculionidae):					
<i>Physalis</i> sp. (husk tomato).....	do.....	1			Tex.

Pests (insects) collected and reported from July 1, 1951, through June 30, 1952—
Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Trionymus sacchari</i> (Ckll.) (Coccidae):					
<i>Saccharum officinarum</i> (sugarcane).....	Cuba, Mexico.....	2	1	---	Ariz., Fla.,* Pa. D. C.
<i>Saccharum</i> sp.....	Hawaii.....	---	---	1	---
<i>Unaspis citri</i> (Comst.) (Coccidae):					
<i>Citrus paradisi</i> (grapefruit).....	Canal Zone.....	---	1	---	Calif.*
<i>Citrus sinensis</i> (orange).....	Brazil, Canal Zone, China, Mexico.....	---	3	---	Calif.,* Fla.*
<i>Citrus</i> sp.....	Haiti.....	2	---	---	Fla.*
<i>Unaspis yanonensis</i> (Kuw.) (Coccidae):					
<i>Citrus limon</i> (lemon).....	Japan.....	---	3	---	Calif.*
<i>Citrus paradisi</i> (grapefruit).....	do.....	---	1	---	Calif.*
<i>Citrus reticulata</i> (Mandarin orange).....	do.....	---	27	---	Calif.,* Hawaii.
<i>Citrus reticulata unshiu</i> (satsuma orange).....	do.....	1	---	---	Wash.
<i>Citrus sinensis</i> (orange).....	do.....	1	21	---	Calif.,* Minn. Hawaii.
<i>Citrus</i> sp. (orange).....	Philippines.....	1	---	---	---
<i>Vallissius diversus</i> (Dist.) (Lygaeidae):					
Orchid.....	Mexico.....	---	---	1	Tex.
<i>Vinsonia stellifera</i> (Westw.) (Coccidae):					
Araceae.....	Cuba.....	1	---	---	Fla.*
<i>Aspasia epidendroides</i> (orchid).....	Canal Zone.....	---	1	---	Calif.*
<i>Brassavola</i> sp. (orchid).....	Puerto Rico.....	---	1	---	Fla.
<i>Cattleya</i> sp. (orchid).....	Venezuela.....	---	1	---	N. J.
<i>Cynoches</i> spp. (orchid).....	Canal Zone.....	---	1	---	Calif.*
<i>Epidendrum ciliare</i> (orchid).....	Panama.....	---	1	---	Tex.
<i>Epidendrum pachycarpum</i>	Canal Zone.....	---	1	---	N. J.
<i>Epidendrum</i> sp.....	do.....	---	1	---	Calif.*
<i>Genipa</i> sp. (genip).....	Puerto Rico.....	1	---	---	Fla.*
<i>Gongora</i> sp. (orchid).....	Canal Zone.....	---	1	---	Calif.*
<i>Laelia leudemannii</i> (orchid).....	do.....	---	1	---	Calif.*
<i>Oncidium citrinum</i> (orchid).....	Trinidad.....	---	1	---	N. J.
Orchid.....	Canal Zone, Costa Rica, Cuba, Haiti, Jamaica, Montserrat, Trinidad.....	---	8	---	Fla., Mass.
<i>Xestolabus laeicollis</i> (Gyll.) (Curculionidae):					
Orchid.....	Mexico.....	---	---	1	Tex.
<i>Xyloerthodes nitidipennis</i> (Murray) (Bostrichidae):					
<i>Triplochiton sclerozyton</i>	Gold Coast.....	2	---	---	La.
<i>Xyloperthella crinitarsis</i> (Imh.) (Bostrichidae):					
<i>Khaya</i> sp.....	Gold Coast, Liberia.....	2	---	---	La., Va.
<i>Xylotrupes gideon</i> (L.) (Scarabaeidae):					
Airplane.....	Philippines.....	---	1	---	Hawaii.

Hosts and Insects

- ACACIA:**
Acanthoscelides spinipes (Coleoptera)
- ACER:**
Parlatoria pyri (Homoptera)
- ACHRAS:**
Anastrepha serpentina (Diptera)
Aspidiotus destructor (Homoptera)
- ARIDES:**
Parlatoria pseudaspidiotus (Homoptera)
Pinnaspis scrobicularum (Homoptera)
- AESCULUS:**
Lecanium coryli (Homoptera)
- AGAVE:**
Chrysomphalus agavis (Homoptera)
- ALLIUM SATIVUM:**
Brachycerus albidentatus (Coleoptera)
Brachycerus algerius (Coleoptera)
Dyspessa ulula (Lepidoptera)
- ALPINIA:**
Pulvinaria psidii (Homoptera)
- ANANAS:**
Agallia lingula (Hemiptera)
Cyclocephala cubana (Coleoptera)
Iridomyrmex humilis (Hymenoptera)
Monomorium destructor (Hymenoptera)
Opogona aurisquamosa (Lepidoptera)
Pheidole megacephala (Hymenoptera)
Platynota rostrana (Lepidoptera)
Ribua innoxia (Lepidoptera)
Sisamnes contractus (Hemiptera)
"Targionia" bromiliae (Homoptera)
- ANNONA:**
Ceratitis capitata (Diptera)
Stenomoma anonella (Lepidoptera)
Talponia batesi (Lepidoptera)
- ANTHURIUM:**
Cero-plastes rubens (Homoptera)
- ANTIRRHINUM:**
Haplothrips gowdeyi (Thysanoptera)
- APIUM:**
Mamestra brassicae (Lepidoptera)
- RACEAE:**
Aspidiotus destructor (Homoptera)
Aspidiotus palmarum (Homoptera)
Pinnaspis buxi (Homoptera)
Vinsonia stellifera (Homoptera)
- ARRACACIA:**
Anuraphis tulipae (Homoptera)
- ASPASIA:**
Vinsonia stellifera (Homoptera)
- ASPLENIUM:**
Ferrisia virgata (Homoptera)
- ASTER:**
Microcephalothrips abdominalis (Thysanoptera)
- BAMBOO:**
Asterolecanium bambusae (Homoptera)
Dinoderus brevis (Coleoptera)
- BAUHINIA:**
Caryedon fuscus (Coleoptera)
- BERZELIA:**
Pseudothrips glaucus (?) (Thysanoptera)
- BETA:**
Gnorimoschema ocellatella (Lepidoptera)
Sitona lineata (Coleoptera)
- BRASSAVOLA:**
Furcaspis bifurmis (Homoptera)
Vinsonia stellifera (Homoptera)
- BRASSICA:**
Conchaspis angraci (Homoptera)
- BRASSICA NAPOBRASSICAE:**
Mamestra brassicae (Lepidoptera)
- BRASSICA OLERACEA BOTRYTIS:**
Evergestis forficatus (Lepidoptera)
Phytomyza rufipes (Diptera)
- BRASSICA OLERACEA CAPITATA:**
Agrotis ypsilon (Lepidoptera)
Deroceras reticulatum (Mollusca)
Evergestis forficatus (Lepidoptera)
Evergestis rimosalis (Lepidoptera)
Mamestra brassicae (Lepidoptera)
Pieris brassicae (Lepidoptera)
- BRASSICA RAPA:**
Pheidole megacephala (Hymenoptera)
- BROMELIAD:**
Lema quinquenotata (Coleoptera)
Microvelia oaxacana (Hemiptera)
- BROUGHTONIA:**
Asterolecanium epidendri (Homoptera)
- BRYOPHYLLUM:**
Haplothrips gowdeyi (Thysanoptera)
Pulvinaria psidii (Homoptera)
- BUXUS:**
Eriophyes canestrinii (Arachnida)
- ACTUS:**
Ceratitis capitata (Diptera)
Cryphula apicatus (Hemiptera)
Dysdercus mimulus (Hemiptera)
Lepidosaphes philococcus (Homoptera)
Sireonotus luteiceps (Hemiptera)
- CAESALPINIA:**
Mimosestes dominicanus (Coleoptera)
- CALLUNA:**
Aphis callunae (Homoptera)
Gelechia ericetella (Lepidoptera)
Micrelus ericae (Coleoptera)
Orthotylus ericetorum (Hemiptera)
Taeniothrips atratus (Thysanoptera)
Taeniothrips ericae (Thysanoptera)
- CALOCARPUM:**
Anastrepha serpentina (Diptera)
- CAMELLIA:**
Parlatoria camelliae (Homoptera)
Pinnaspis uniloba (Homoptera)
- CANAVALIA:**
Lampides boeticus (Lepidoptera)
Marcia testulalis (Lepidoptera)
Taeniothrips hawaiiensis (Thysanoptera)
- CAPSICUM:**
Amorbia emigratella (Lepidoptera)
Arvelius albopunctatus (Hemiptera)
Dacus cucurbitae (Diptera)
Dacus dorsalis (?) (Diptera)
Faustinus cubae (Coleoptera)
Gnorimoschema gudmannella (Lepidoptera)
Platynota rostrana (Lepidoptera)
Pyrausta nubilalis (Lepidoptera)
- CARALLUMA:**
Asterolecanium stentae (Homoptera)
- CARICA:**
Cryptoblabes gnidiella (Lepidoptera)
Toxotrypana curvicauda (Diptera)
- CASSIA:**
Aganactesis indecora (Lepidoptera)
- CASTANEA:**
Aspidiotus cryptoxanthus (Homoptera)
Cryptoblabes gnidiella (Lepidoptera)
Curculio elephas (Coleoptera)
Hemimene juliana (Lepidoptera)
Laspeyresia splendana (Lepidoptera)
- CATASETUM:**
Ferrisia virgata (Homoptera)
- CATTLEYEA:**
Asterolecanium epidendri (Homoptera)
Eurytoma orchidearum (Hymenoptera)
Furcaspis bifurmis (Homoptera)
Pseudischaspis alienus (Homoptera)
Vinsonia stellifera (Homoptera)
- CELOSIA:**
Loxostege similis (Lepidoptera)
- CENTAUREA:**
Pachyzancla bipunctalis (Lepidoptera)
- CEPHALOCEREUS:**
Prostephanus truncatus (Coleoptera)
- CERCIDIUM:**
Pseudodiaspis yuccae (Homoptera)
- CEREUS:**
Lepidosaphes philococcus (Homoptera)
- CHRYSANTHEMUM:**
Cyrtopeltis varians (Hemiptera)
Frankliniella formosae (Thysanoptera)
Pachyzancla bipunctalis (Lepidoptera)
Pheidole megacephala (Hymenoptera)
Pyrausta nubilalis (Lepidoptera)
Sitona lineata (Coleoptera)
Taeniothrips hawaiiensis (Thysanoptera)
- CHRYSOPHYLLUM:**
Aspidiotus herculeanus (Homoptera)
Coccus viridis (Homoptera)
- CITRUS AURANTIFOLIA:**
Aleurocanthus woglumi (Homoptera)
Aleurothrips floccosus (Homoptera)
Anastrepha ludens (Diptera)

Hosts and Insects—Continued

CITRUS AURANTIFOLIA—Continued

- Chrysomphalus personatus* (Homoptera)
- Leucaspis cockerelli* (Homoptera)
- Parlatoria cinerea* (Homoptera)
- Parlatoria zizyphus* (Homoptera)
- Pseudonidia trilobifolium* (Homoptera)

CITRUS AURANTIUM:

- Anastrepha ludens* (Diptera)
- Leucaspis cockerelli* (Homoptera)

CITRUS GRANDIS:

- Aonidiella comperei* (?) (Homoptera)

CITRUS LIMON:

- Aleurocanthus woglumi* (Homoptera)
- Ceratitis capitata* (Diptera)
- Cryptoblabes gnidiella* (Lepidoptera)
- Parlatoria zizyphus* (Homoptera)
- Unaspis yanonensis* (Homoptera)

CITRUS LIMON VAR. PONDEROSA:

- Anastrepha ludens* (Diptera)

CITRUS PARADISI:

- Anastrepha ludens* (Diptera)
- Argyroplote leucotreta* (Lepidoptera)
- Ceratitis capitata* (Diptera)
- Chrysomphalus personatus* (Homoptera)
- Leucaspis cockerelli* (Homoptera)
- Parlatoria cinerea* (Homoptera)
- Unaspis citri* (Homoptera)
- Unaspis yanonensis* (Homoptera)

CITRUS RETICULATA:

- Aleurocanthus woglumi* (Homoptera)
- Anastrepha ludens* (Diptera)
- Ceratitis capitata* (Diptera)
- Dialeurodes citri* (Homoptera)
- Parlatoria zizyphus* (Homoptera)
- Unaspis yanonensis* (Homoptera)

CITRUS SINENSIS:

- Aleurocanthus woglumi* (Homoptera)
- Anastrepha ludens* (Diptera)
- Aonidiella citrina* (Homoptera)
- Argyroplote leucotreta* (Lepidoptera)
- Ceratitis capitata* (Diptera)
- Chrysomphalus albopictus* (Homoptera)
- Gymnandrosoma aurantium* (?) (Lepidoptera)
- Leucaspis cockerelli* (Homoptera)
- Parlatoria cinerea* (Homoptera)
- Parlatoria zizyphus* (Homoptera)
- Unaspis citri* (Homoptera)
- Unaspis yanonensis* (Homoptera)

CITRUS SP. (orange):

- Unaspis yanonensis* (Homoptera)

CITRUS SP.:

- Aleurocanthus woglumi* (Homoptera)
- Dialeurodes citri* (Homoptera)
- Dialeurodes citrifolii* (Homoptera)
- Unaspis citri* (Homoptera)

COCCOLOBIA:

- Cryptoblabes gnidiella* (Lepidoptera)
- Pheidole megacephala* (Hymenoptera)

COCOS:

- Aonidiella inornata* (Homoptera)
- Aspidiotus destructor* (Homoptera)
- Aspidiotus palmarum* (Homoptera)
- Ereunetis flavistriata* (Lepidoptera)
- Phenacaspis sandwicensis* (Homoptera)
- Pseudococcus palmarum* (Homoptera)

CODIAEUM:

- Haplothrips gowdeyi* (Thysanoptera)
- Lepidosaphes tokionis* (Homoptera)

COFFEA:

- Aleurocanthus woglumi* (Homoptera)
- Ceratitis capitata* (Diptera)
- Coccus viridis* (Homoptera)
- Stephanoderes hampei* (Coleoptera)

CORDYLINE:

- Pinnaspis buxi* (Homoptera)

CORTADERIA:

- Deroceras reticulatum* (Mollusca)

CORYLUS:

- Phytoptus avellanae* (Arachnida)

COSTUS:

- Chrysomphalus scutiformis* (Homoptera)

CRATAEGUS:

- Lecanium coryli* (Homoptera)

CROCUS:

- Anuraphis tulipae* (Homoptera)

CRYPTOMERIA:

- Lepidosaphes pallida* (Homoptera)

CUCUMIS:

- Dacus cucurbitae* (Diptera)

CUCURBITA:

- Tryaleurodes varia* (Homoptera)

CYCAS:

- Coccus acutissimus* (Homoptera)

CYCNOCHES:

- Eucacophagus aurocinctus* (Coleoptera)

- Ferrisia virgata* (Homoptera)

- Vinsonia stellifera* (Homoptera)

CYDONIA:

- Ceratitis capitata* (Diptera)

CYMBIDIUM:

- Lepidosaphes tuberculata* (Homoptera)

- Parlatoria pseudaspidiotus* (Homoptera)

- Pseudonidia curculiginis* (Homoptera)

CYMBOPOGON:

- Aulacaspis tegalensis* (Homoptera)

CYNARA:

- Gortyna flavago* (Lepidoptera)

- Gortyna ochracea* (Lepidoptera)

CYPRIPEDIUM:

- Coccus capparidis* (Homoptera)

DENDROBIUM:

- Parlatoria pseudaspidiotus* (Homoptera)

DIANTHUS:

- Deroceras reticulatum* (Mollusca)
- Frankliniella intonsa* (Thysanoptera)
- Iridomyrmex humilis* (Hymenoptera)
- Prodenia ornithogalli* (Lepidoptera)
- Taeniothrips atratus* (Thysanoptera)
- Taeniothrips vulgarissimus* (Thysanoptera)

DIOSCOREA:

- Palaeopus costicollis* (Coleoptera)

- "Targionia" hartii* (Homoptera)

DIOSPYROS:

- Coccus viridis* (Homoptera)

EPIDENDRUM:

- Aspidiotus destructor* (Homoptera)

- Furcaspis bififormis* (Homoptera)

- Tenthecoris bicolor* (Hemiptera)

- Vinsonia stellifera* (Homoptera)

EUGENIA:

- Dacus dorsalis* (Diptera)

EUPHORBIA:

- Bemisia tabaci* (Homoptera)

FEIJOA:

- Ceroplastes sinensis* (Homoptera)

FICUS:

- Ceratitis capitata* (Diptera)
- Ceroplastes ruscii* (Homoptera)
- Chrysomphalus rossi* (Homoptera)
- Hypoborus ficus* (Coleoptera)
- Iridomyrmex humilis* (Hymenoptera)
- Lepidosaphes ficus* (Homoptera)

FRAXINUS:

- Leperisinus fraxini* (Coleoptera)

GALANTHUS(?):

- Lampetia equestris* (Diptera)

GARDENIA:

- Ceroplastes rubens* (Homoptera)
- Coccus viridis* (Homoptera)
- Dialeurodes citri* (Homoptera)
- Ferrisia virgata* (Homoptera)
- Pealius hibisci* (Homoptera)
- Phenacaspis sandwicensis* (Homoptera)
- Protopulvinaria longivalvata* (Homoptera)
- Protopulvinaria pyrifomis* (Homoptera)
- Taeniothrips hawaiiensis* (Thysanoptera)

GENIPA:

- Vinsonia stellifera* (Homoptera)

GLADIOLUS:

- Amorbia emigratella* (Lepidoptera)
- Carpocoris pudicus* (Hemiptera)
- Frankliniella fortissima* (Thysanoptera)
- Prodenia litura* (Lepidoptera)

GONGORA:

- Asterolecanium epidendri* (Homoptera)

- Vinsonia stellifera* (Homoptera)

GOSSYPIUM:

- Earias insulana f. semifascia* (Lepidoptera)
- Oxyarenus lactus* (Hemiptera)
- Pectinophora gossypiella* (Lepidoptera)
- Pheidole megacephala* (Hymenoptera)

Hosts and Insects—Continued

GRUSONIA:

Dactylopius coccus (Homoptera)

HAWORTHIA:

Aspidiotus destructor (Homoptera)

HEDERA:

Lichtensia viburni (Homoptera)

HELICHRYSUM:

Frankliniella schultzei (Thysanoptera)*Haplothrips gowdeyi* (Thysanoptera)*Microcephalothrips abdominalis* (Thysanoptera)

HEURNIA:

Asterolecanium stentae (Homoptera)

HIBISCUS:

Frankliniella bispinosa (Thysanoptera)*Pectinophora gossypiella* (Lepidoptera)*Pheidole megacephala* (Hymenoptera)

HOYA:

Parlatoria pseudaspidotus (Homoptera)

IMPATIENS:

Aleuroglandulus emmae (Homoptera)

IPOMOEA:

Aticidodes dentipes (Coleoptera)*Cylas formicarius* (Coleoptera)*Cylas formicarius* var. (Coleoptera)*Cylas formicarius elegantulus* (Coleoptera)*Cylas puncticollis* (Coleoptera)*Euscepes postfasciatus* (Coleoptera)

IRIS:

Anuraphis tulipae (Homoptera)

IXORA:

Coccus viridis (Homoptera)*Protopulvinaria pyriformis* (Homoptera)

IXTLE:

Scyphophorus acupunctatus (Coleoptera)

JASMINUM:

Aleurotuberculatus jasmini (Homoptera)*Aonidiella inornata* (Homoptera)*Dialeurodes kirkaldyi* (Homoptera)

JUGLANS:

Rhagoletis completa (Diptera)*Rhagoletis juglandis* (Diptera)

JUNIPERUS:

Lepidosaphes pallida (Homoptera)*Pentamerismus oregonensis* (Arachnida)

KHAYA:

Amitermes unidentatus (Isoptera)*Bostrychophiles cornutus* (Coleoptera)*Cordylomera spinicornis* (Coleoptera)*Minthea obsita* (Coleoptera)*Sinoxylon anale* (Coleoptera)*Xyloperthella crinitarsis* (Coleoptera)

LACTUCA:

Acalymma trivittata (Coleoptera)*Deroceras reticulatum* (Mollusca)*Heterogaster urticae* (Hemiptera)

LAELIA:

Ferrisia virgata (Homoptera)*Furcaspis biformis* (Homoptera)*Pseudischinaspis alienus* (Homoptera)*Vinsonia stellifera* (Homoptera)

LANSIUM:

Pseudococcus lilacinus (Homoptera)

LATHYRUS:

Bruchus tristis (Coleoptera)*Frankliniella intonsa* (Thysanoptera)*Taeniothrips atratus* (Thysanoptera)*Taeniothrips vulgarissimus* (Thysanoptera)

LAURUS:

Aspidiotus palmarum (Homoptera)*Tetraleurodes acaciae* (Homoptera)*Tetraleurodes lauri* (Homoptera)

LENS:

Bruchus lentis (Coleoptera)*Bruchus signatiformis* (Coleoptera)

LEUCADENDRON:

"Chionaspis" leucandendri (Homoptera)*Pseudococcus trichiliae* (Homoptera)

LEUCOPHYLLUM:

Iridomyrmex humilis (Hymenoptera)

LEUCOSPERMUM:

Chrysomphalus rossi (Homoptera)

LILIUM:

Haplothrips gowdeyi (Thysanoptera)*Pheidole megacephala* (Hymenoptera)*Taeniothrips gracilis* (Thysanoptera)

LINARIA:

Frankliniella intonsa (Thysanoptera)

LIPPIA:

Platynota rostrana (Lepidoptera)

LONICERA:

Microcephalothrips abdominalis (Thysanoptera)

LUPINUS:

Frankliniella intonsa (Thysanoptera)

LYCOPERSICON:

Dacus cucurbitae (Diptera)*Dacus dorsalis* (?) (Diptera)*Dysdercus obliquus* (Hemiptera)*Ligyrocoris abdominalis* (Hemiptera)*Ligyrocoris auritilliana* (Hemiptera)*Ligyrocoris nitidicollis* (Hemiptera)*Lineodes integra* (Lepidoptera)*Neoleucinodes elegantalis* (Lepidoptera)*Platynota rostrana* (Lepidoptera)

MALUS:

Argyresthia conjugella (Lepidoptera)*Bryobia praetiosa* (Arachnida)*Ceratitidis capitata* (Diptera)*Parlatoria oleae* (Homoptera)*Rhagoletis pomonella* (Diptera)

MAMMEA:

Anastrepha serpentina (Diptera)

MAMMILLARIA:

Gerstaeckeria mutillaria (Coleoptera)*Szezonotus luteiceps* (Hemiptera)

MANGIFERA:

Anastrepha ludens (Diptera)*Anastrepha mombinpraeopians* (Diptera)*Asterolecanium pustulans* (Homoptera)*Aulacaspis tubercularis* (Homoptera)*Ceratitidis capitata* (Diptera)*Cryptorhynchus mangiferae* (Coleoptera)*Dacus dorsalis* (Diptera)*Leucaspis indica* (Homoptera)*Parlatoria morrisoni* (Homoptera)*Pseudischinaspis longissima* (Homoptera)*Pseudococcus filamentosus* (Homoptera)*Tetraleurodes acaciae* (Homoptera)

MILTONIA:

Iridomyrmex iniquus (Hymenoptera)

MONANTHES:

Lepidosaphes tuberculata (Homoptera)

MONSTERA:

Pinnaspis buxi (Homoptera)

MUSA PARADISIACA SAPIENTUM:

Aspidiotus destructor (Homoptera)*Aspidiotus palmarum* (Homoptera)*Cosmopolites sordidus* (Coleoptera)*Dacus dorsalis* (Diptera)*Metamasius habetatus* (Coleoptera)*Metamasius sericeus* (Coleoptera)

MYRTILLOCACTUS:

Lepidosaphes philococcus (Homoptera)

NARCISSUS:

Lampetia equestris (Diptera)

NERIUM:

Asterolecanium pustulans (Homoptera)

ODONTOGLOSSUM:

Iridomyrmex iniquus (Hymenoptera)*Puto ulter* (Homoptera)

ODONTONIA:

Brevipalpus australis (Arachnida)

OLEA:

Dacus oleae (Diptera)*Diaphania unionalis* (?) (Lepidoptera)*Iridomyrmex humilis* (Hymenoptera)*Parlatoria oleae* (Homoptera)*Phloeotribus scarabaeoides* (Coleoptera)*Prays oleellus* (Lepidoptera)

ONCIDIUM:

Chrysomphalus umboniferus (Homoptera)*Furcaspis biformis* (Homoptera)*Iridomyrmex iniquus* (Hymenoptera)*Vinsonia stellifera* (Homoptera)

OPUNTIA:

Ceratitidis capitata (Diptera)

ORCHID:

Adoretus sinicus (Coleoptera)*Aeolus vermiculatus* (Coleoptera)*Aspidiotus destructor* (Homoptera)*Asterolecanium epidendri* (Homoptera)

Hosts and Insects—Continued

ORCHID—Continued

- Aufetus impressicollis* (Hemiptera)
Capaneus tetricus (Hemiptera)
Chrysomphalus umboniferus (Homoptera)
Crophius scabrosus (Hemiptera)
Delolalia guttata (Coleoptera)
Diorymerellus laevi-margo (Coleoptera)
Epilachna variegata (Coleoptera)
Eustrophium marginatus (Coleoptera)
Ferrisia virgata (Homoptera)
Furcaspis biformis (Homoptera)
Galgupha texana (Hemiptera)
Helitipus caecus (Coleoptera)
Iridomyrmex humilis (Hymenoptera)
Iridomyrmex iniquus (Hymenoptera)
Isorhinus undatus (Coleoptera)
Leucaspis cockerelli (Homoptera)
Monomorium destructor (Hymenoptera)
Myodocha longicollis (Hemiptera)
Pachygrontha oedaneolades (Homiptera)
Parallelodiplosis cattleyae (?) (Diptera)
Pheidole megacephala (Hymenoptera)
Plagioidera thymaloidea (Coleoptera)
Pseudischinaspius alienus (Homoptera)
Puto ulter (Homoptera)
Teleonemia cylindricornis (Hemiptera)
Tenthecoris angustimarginatus (Hemiptera)
Tenthecoris bicolor (Hemiptera)
Tenthecoris confusus (Hemiptera)
Tenthecoris orchidearum (Hemiptera)
Valtissus diversus (Hemiptera)
Vinsonia stellifera (Homoptera)
Xestolabus laeviscollis (Coleoptera)

ORNITHOGALUM:

- Frankliniella schultzei* (Thysanoptera)
Haplothrips wouramboulchii (Thysanoptera)

ORYZA:

- Chilo simplex* (Lepidoptera)
Scotinophara lurida (Hemiptera)

PACHYCEUREUS:

- Lepidosaphes philococcus* (Homoptera)

PANDANUS:

- Pseudococcus pandanicola* (Homoptera)

PERISTERIA:

- Ferrisia virgata* (Homoptera)

PERSEA:

- Anastrepha ludens* (?) (Diptera)
Aspidiotus destructor (Homoptera)
Chrysomphalus personatus (Homoptera)
Conotrachelus aguacatae (Coleoptera)
Conotrachelus perseae (Coleoptera)
Stenomoma catenifer (Lepidoptera)

PETROSELINUM:

- Mamestra brassicae* (Lepidoptera)

PHALAEENOPSIS:

- Chrysomphalus tilingi* (Homoptera)

PHASEOLUS:

- Dacus cucurbitae* (Diptera)
Epinotia opposita (Lepidoptera)
Lampides boeticus (Lepidoptera)
Laspeyresia leguminis (Lepidoptera)
Maruca testulalis (Lepidoptera)
Pyrausta nubilalis (Lepidoptera)

PHILODENDRON:

- Capaneus tetricus* (Hemiptera)
Diabrotica lepidia (Coleoptera)
Ezptochiomera albomaculata (Hemiptera)
Ferrisia virgata (Homoptera)
Ligyrocoris abdominalis (Hemiptera)

PHOENIX:

- Coccitrypes dactyliperda* (Coleoptera)

PHYSALIS:

- Gnorimoschisma lavernella* (Lepidoptera)
Rhagoletis striatella (Diptera)
Trichobaris championi (Coleoptera)

PIRANTHUS:

- Asterolecanium stentae* (Homoptera)

PICEA:

- Laspeyresia strobilella* (Lepidoptera)
Lepidosaphes pallida (Homoptera)
Pityogenes chalcographus (Coleoptera)

PILOCEREUS:

- Lepidosaphes philococcus* (Homoptera)

PINUS:

- Aspidiotus corticis-pini* (Homoptera)
Ceroplastes rubens (Homoptera)
Eulachnus piniformosanus (Homoptera)
Florinia japonica (Homoptera)
Pityogenes chalcographus (Coleoptera)
"Poliaspis" pini (Homoptera)
Pseudococcus pini (Homoptera)
Tetropium castaneum (Coleoptera)

PISTACIA:

- Chaetoptelius vestitus* (Coleoptera)

PISUM:

- Bruchus tristis* (Coleoptera)
Laspeyresia nigricana (Lepidoptera)

PITHECELLOBIUM:

- Cryptophlebia illepidia* (Lepidoptera)
Dacus dorsalis (?) (Diptera)

PLUMERIA:

- Asterolecanium pustulans* (Homoptera)
Coccus viridis (Homoptera)

PORTULACA:

- Loxostege similalis* (Lepidoptera)

PROSOPIS:

- "Tarqionia" cueroensis* (Homoptera)

PROTEA:

- Haplothrips wouramboulchii* (Thysanoptera)
Iridomyrmex humilis (Hymenoptera)
Pseudothrips glaucus (?) (Thysanoptera)

PROTEACEAE:

- Iridomyrmex humilis* (Hymenoptera)

PRUNUS ARMENIACA:

- Ceratitis capitata* (Diptera)

PRUNUS DOMESTICA:

- Megalometis chiliensis* (Coleoptera)

PRUNUS MUME:

- Malacosoma neustria* (?) (Lepidoptera)

PRUNUS PERSICA:

- Ceratitis capitata* (Diptera)
Grapholitha molesta (Lepidoptera)
Megalometis chiliensis (Coleoptera)

PRUNUS PERSICA NECTARINA:

- Aspidiotus latatei* (Homoptera)

PRUNUS SP. (cherry):

- Rhagoletis cerasi* (Diptera)

PRUNUS SP.:

- Lepidosaphes conchiformis* (Homoptera)

PSIDIUM:

- Aleuriglandulus emmae* (Homoptera)
Anastrepha striata (Diptera)
Anastrepha suspensa (Diptera)
Ancylotomia stercora (Lepidoptera)
Ceratitis capitata (Diptera)
Paraleyrodes goyabae (?) (Homoptera)

PUNICA:

- Cacoecia pronubana* (Lepidoptera)
Ceratitis capitata (Diptera)
Cryptoblabes gnidiella (Lepidoptera)
Glycyphagus domesticus (Arachnida)

PYRUS:

- Anastrepha ludens* (Diptera)
Aonidiella citrina (Homoptera)
Ceratitis capitata (Diptera)
Parlatoria chinensis (Homoptera)
Rhagoletis pomonella (Diptera)

QUERCUS:

- Hemimele jullana* (Lepidoptera)

RANDIA:

- Ferrisia virgata* (Homoptera)

RAPHANUS:

- Psylliodes chrysocephala* (Coleoptera)

RHODODENDRON:

- Acala schalleriana* (Lepidoptera)
Gracilaria azaleella (Lepidoptera)
Pulvinaria psidii (Homoptera)
Stephanitis pyrioides (Hemiptera)

ROSA:

- Allantus cinctus* (Hymenoptera)
Frankliniella intonsa (Thysanoptera)
Monomorium destructor (Hymenoptera)
Taeniothrips atratus (Thysanoptera)

RUBUS:

- Lasioplera rubi* (?) (Diptera)

Hosts and Insects—Continued

SACCHARUM:

"*Targionia*" *sacchari* (Homoptera)
Trionymus sacchari (Homoptera)

SCHIMA:

Aspidiotus degeneratus (Homoptera)
Ceroplastes rubens (Homoptera)

SCINDAPSUS:

Pinnaspis buxi (Homoptera)

SECHIUM:

Platynota rostrana (Lepidoptera)

SELAGINELLA:

Epilachna varivestis (Coleoptera)

SESBANIA:

Acanthoscelides griseolus (Coleoptera)

SOIL:

Brachyrhinus rugosostriatus (Coleoptera)
Iridomyrmex humilis (Hymenoptera)
Strophosoma melanogrammus (Coleoptera)

SOLANUM:

Leucinodes orbonalis (Lepidoptera)
Neoleucinodes elegantalis (Lepidoptera)
Pyrusta nubilalis (Lepidoptera)

SORGHUM:

Pyrusta nubilalis (Lepidoptera)
Sesamia cretica (Lepidoptera)
Sesamia nonagrioides (Lepidoptera)

SPONDIAS:

Anastrepha mombinpraeoptans (Diptera)

STRELITZIA:

Phenacaspis sandwicensis (Homoptera)
Pinnaspis buxi (Homoptera)

SWIETENIA:

Aspidiotus destructor (Homoptera)
Nasutitermes corniger (Isoptera)

SYRINGA:

Adoxophyes orana (Lepidoptera)
Gymnaetron beccabungae var. *nigrum* (Coleoptera)
Sitona lineata (Coleoptera)

TILLANDSIA:

Eptochiamera formosa (Hemiptera)
Galgapha texana (Hemiptera)
Isohrinus depressus (Coleoptera)

TILLANDSIA—Continued

Isohrinus undatus (Coleoptera)
Monanthia monotropidia (Hemiptera)
Mormidea cubrosa (Hemiptera)
Plagiocera thymaloides (Coleoptera)

TRIPLOCHITON:

Xyloerthodes nitidipennis (Coleoptera)

TULIPA:

Anuraphis tulipae (Homoptera)

VANDA:

Furcaspis biformis (Homoptera)
Parlatoria pseudaspidiotus (Homoptera)
Pinnaspis scrobicularum (Homoptera)

VICIA:

Bruchus dentipes (Coleoptera)
Bruchus luteicornis (Coleoptera)
Bruchus tristis (Coleoptera)

VITIS:

Brachyrhinus sulcatus (Coleoptera)
Ceratitis capitata (Diptera)
Clytia ambigua (?) (Lepidoptera)
Iridomyrmex humilis (Hymenoptera)
Leptoglossus chilensis (Hemiptera)
Phyllocolpa callosus (Coleoptera)
Polychrosis botrana (Lepidoptera)

VRIESIA:

Aspidiotus palmarum (Homoptera)

WISTERIA:

Phenacaspis fujicola (Homoptera)

YUCCA:

Pheidole megacephala (Hymenoptera)

ZANTEDESCHIA:

Deroceras reticulatum (Mollusca)

ZEA:

Pagiocerus fiorii (Coleoptera)
Sesamia cretica (Lepidoptera)

ZINGIBER:

Monomorium destructor (Hymenoptera)
Palaeopus costicollis (Coleoptera)

ZINNIA:

Phylla febrilis (Diptera)

Hosts Unknown

AIRPLANE:

Chelymophra alternans (?) (Coleoptera)
Cyclocephala lunulata (Coleoptera)
Dacus dorsalis (Diptera)
Delphacodes dissipata (Homoptera)
Oryzctenia jucunda (Coleoptera)
Perkinsiella vitensis (Homoptera)
Prodenia litura (Lepidoptera)
Protactia orientalis (Coleoptera)
Texanous spatulatus (Homoptera)
Xylotrupes gideon (Coleoptera)

BAGGAGE:

Melolontha melolontha (Coleoptera)
Spondylis buprestoides (Coleoptera)

BARK:

Pityogenes chalcographus (Coleoptera)
Pityophthorus sambuci (Coleoptera)

BOXCAR:

Pectinophora gossypiella (Lepidoptera)

BULB:

Iridomyrmex humilis (Hymenoptera)

CORK BALE SLAT:

Sinorylon sedentatum (Coleoptera)

FERN:

Monomorium destructor (Hymenoptera)

FLOWERS:

Frankliniella bispinosa (Thysanoptera)
Hymenia perspectalis (Lepidoptera)
Iridomyrmex humilis (Hymenoptera)
Lozostege similis (Lepidoptera)
Mormidea cubrosa (Hemiptera)
Tephritis arnicae (Diptera)

FOREST LITTER:

Strophosoma capitatus (Coleoptera)

FRUIT:

Anastrepha mombinpraeoptans (Diptera)
Ceratitis capitata (Diptera)

GRASS:

Antonina graminis (Homoptera)
Hypolithus riparius (Coleoptera)
Odonaspis sacchariculus (Homoptera)
 "Targionia" *sacchari* (Homoptera)

GROUND CREEPER:

Pseudocaenidia trilobitiformis (Homoptera)

IN BOX WITH VANDA LEI:

Bradybaena similis (Mollusca)

LEAF:

Coccus viridis (Homoptera)
Conchaspis angraeci (Homoptera)
Pinnaspis buxi (Homoptera)
Tetraleurodes acaciae (Homoptera)
Tetraleurodes abutilonea (?) (Homoptera)

LEGUME LEAF:

Tetraleurodes acaciae (Homoptera)

PACKING:

Acalypta parvula (Hemiptera)
Dyscinetus frater (Coleoptera)
Iridomyrmex iniquus (Hymenoptera)
Scaphisoma insularis (Coleoptera)

PLANT:

Aspidiotus destructor (Homoptera)
Asterolecanium agavis (Homoptera)
Ferrisia virgata (Homoptera)
Icerya aegyptiaca (Homoptera)
Parlatoria pseudaspidiotus (Homoptera)
Pulvinaria psidii (Homoptera)

RETURNED MILITARY EQUIPMENT:

Achatina fulica (Mollusca)

"SAWALI" MATS:

Dinoderus brevis (Coleoptera)

SCRAP METAL:

Achatina fulica (Mollusca)

SEA SHELL:

Lardoglyphus zacheri (Arachnida)

Hosts Unknown—Continued

STRAW JACKET:

Iridomyrmex humilis (Hymenoptera)

TREE SEED:

Mimosastes sallaei (Coleoptera)

TRUCK BED:

Anastrepha ludens (Diptera)*Pectinophora gossypiella* (Lepidoptera)*Toxotrypana curvicauda* (Diptera)

VINE:

Brachyplatys deplanatus (Hemiptera)*Ferrisia virgata* (Homoptera)

WOOD:

Callidium rufipenne (Coleoptera)*Heterobostrychus aequalis* (Coleoptera)*Lyctus spinifrons* (Coleoptera)*Minthea rugicollis* (Coleoptera)*Sinozylon anale* (Coleoptera)*Sinozylon conigerum* (Coleoptera)*Sinozylon crassum* (Coleoptera)

WOOLEN GOODS:

Sirex noctilio (Hymenoptera)

Countries of Origin and Insects

AFRICA:

Ceratitidis capitata

ALGERIA:

*Ceratitidis capitata**Gortyna flarago**Lepidosaphes ficus**Parlatoria zizyphus**Sinozylon serdentatum*

ARGENTINA:

Parlatoria cinerea

ARNO ATOLL ISLAND:

Pseudococcus pandanicola

AUSTRALIA:

*Agrotis ypsilon**Chrysomphalus rossi**Lepidosaphes tuberculata*

AZORES:

*Ceratitidis capitata**Dacus oleae**Deroceras reticulatum**Iridomyrmex humilis**Rhagoletis cerasi*

BAHAMAS:

*Anastrepha mombinpraeoptans**Aspidiotus destructor**Pectinophora gossypiella*

BARBADOS:

*Aulacaspis tubercularis**Furcaspis biformis**Protopulvinaria pyriformis**"Targionia" hartii*

BELGIUM:

*Acala schalleriana**Allantus cinclus**Brachyrhinus sulcatus*

BERMUDA:

*Cryptoblabes gnidiella**Frankliniella bispinosa**Haplothrips gowdeyi**Pheidole megacephala**Prodenia ornithogalli**Pulvinaria psidii**Taeniothrips gracilis*

BOLIVIA:

Parlatoria cinerea

BRAZIL:

*Anuraphis tulipae**Aspidiotus palmae**Aulacaspis tubercularis**Chrysomphalus personatus**Chrysomphalus scutiformis**Coccus viridis**Cylas formicarius* var. *elegantulus**Eusecpes postfasciatus**Neoleucinodes elegantalis**Parlatoria cinerea**Pectinophora gossypiella**Pheidole megacephala**Stephanoderes hampei**Tentecoris orchidearum**Unaspis citri*

BRITISH HONDURAS:

Stenoma catenifer

BRITISH WEST AFRICA:

Cylas puncticollis

BRITISH WEST INDIES:

Iridomyrmex iniquus

CANADA:

*Brachyrhinus rugosostriatus**Monomorium destructor*

CANAL ZONE:

*Aspidiotus destructor**Asterolecanium epidendri**Chrysomphalus umboniferus**Conchaspis angraei**Ferrisia virgata**Furcaspis biformis**Leucaspis cockerelli**Parlatoria pseudaspidiotus**Pinnaspis buxi**Unaspis citri**Vinsonia stellifera*

CANARY ISLANDS:

Lepidosaphes tuberculata

CENTRAL AMERICA:

Anastrepha ludens

CEYLON:

Parlatoria pseudaspidiotus

CHILE:

*Aspidiotus latasei**Bryobia praetiosa* ♀*Iridomyrmex humilis**Leptoglossus chilensis**Menalometis chilensis*

CHINA:

*Chilo simplex**Cylas formicarius* var.*Unaspis citri*

COLOMBIA:

*Anastrepha mombinpraeoptans**Anastrepha serpentina**Pseudonidia trilobitiformis**Pseudococcus filamentosus**Stenoma catenifer*

COSTA RICA:

*Anastrepha mombinpraeoptans**Asterolecanium epidendri**Cyclocephala tumulata**Cylas formicarius* var. *elegantulus**Eucactophagus aurocinctus**Furcaspis biformis**Leucaspis cockerelli**Parallelopiplosis catleyae* (?)*Pinnaspis buxi**Platynota rostrana**Protopulvinaria longivalvata**Protopulvinaria pyriformis**Vinsonia stellifera*

CUBA:

*Alerocanthus vogliumi**Anastrepha suspensa**Aspidiotus destructor**Aspidiotus herculeanus**Aspidiotus palmae**Asterolecanium tambusae**Asterolecanium epidendri**Asterolecanium pustulans**Coccus viridis**Cyclocephala cubana**Cylas formicarius* var. *elegantulus**Eusecpes postfasciatus**Faustinus cubae**Ferrisia virgata**Leucaspis cockerelli**Pheidole megacephala**Pinnaspis buxi**Platynota rostrana**Ribua innoxia**Targionia sacchari**Tetraleurodes acaciae*

Countries of Origin and Insects—Continued

CUBA—Continued

Trionymus sacchari
Vinsonia stellifera

CURACAO:

Cylas formicarius var. *elegantulus*

CZECHOSLOVAKIA:

Taeniothrips atratus

DENMARK:

Mamestra brassicae
Pieris brassicae
Sitona lineata

DOMINICA:

Leucaspis cockerelli

Pheidole megacephala

DOMINICAN REPUBLIC:

Aspidiotus destructor

Dialeurodes citrifolii

Mimosetes saltaii

"*Targionia*" *hartii*

ECUADOR:

Anastrepha serpentina

Metamasius habetatus

Metamasius sericeus

Stenoma catenifer

EGYPT:

Ceratitis capitata

Pyrausta nubilalis

ENGLAND:

Eriophyes canestrinii

Gracilaria azalella

Heterogaster urticae

Lasioptera rubi (?)

Laspeyresia nigricana

Lecanium coryli

Leperisinus fratini

Lichtensia viburni

Mamestra brassicae

Sitona lineata

Taeniothrips ericae

FIJI ISLANDS:

Ferkinsiella vitiensis

FORMOSA:

Achatina fulica

Chilo simplex

Parlatoria cinerea

Pyrausta nubilalis

FRANCE:

Brevipalpus australis

Bruchus luteicornis

Ceratitis capitata

Clysia ambigua (?)

Evergestis forficalis

Gortyna flavago

Gortyna ochracea

Gracilaria azalella

Mamestra brassicae

Parlatoria zizyphus

Pieris brassicae

Rhagoletis cerasi

Taeniothrips atratus

GERMANY:

Aspidiotus palmae

Frankliniella intonsa

Laspeyresia strobilella

Melolontha melolontha

Phila febrilis

Strophosoma capitatus

Strophosoma melanogrammum

Taeniothrips atratus

Taeniothrips vulgarissimus

Tetropium castaneum

GOLD COAST:

Amiteles unidentatus

Argyroploce leucotreta

Cordylomera spinicornis

Cylas puncticollis

Pheidole megacephala

Xyloerthodes nitipennis

Xyloperthella crinitarsis

GREECE:

Acanthoscelides spinipes

Aonidiella citrina

Ceratitis capitata

Dacus oleae

Hemimene juliana

Parlatoria oleae

GREECE—Continued

Pectinophora gossypiella

Sesamia cretica

GUAM:

Achatina fulica

Lepidosaphes tokionis

Monomorium destructor

GUATEMALA:

Anastrepha ludens

Anastrepha mombinpraeoptans

Dyscinetus frater

Iridomyrmex iniguus

Metamasius sericeus

Puto ulter

Stenoma catenifer

Talponia batesi

Tenilecoris bicolor

HAITI:

Unaspis citri

Vinsonia stellifera

HAWAII:

Adoretus sinicus

Bradybaena similaris

Ceratitis capitata

Ceroptastes rubens

Coccus acutissimus

Coccus viridis

Cryptophlebia illepida

Cryptorhynchus mangiferae

Dacus cucurbitae

Dacus dorsalis

Ereunetis flavistriata

Furcaspis biformis

Lampides boeticus

Lepidosaphes tokionis

Maruca testulalis

Opogona aurisquamosa

Pealius hibisci

Pectinophora gossypiella

Phenacaspis sandwicensis

Pinnaspis buxi

Pseudococcus palmarum

Pudinarina psidii

Taeniothrips hawaiiensis

Trionymus sacchari

HONDURAS:

Anastrepha mombinpraeoptans

Nasutitermes corniger

Stenoma catenifer

HUNGARY:

Pyrausta nubilalis

INDIA:

Caryedon fuscus

Coccus capparidis

Cryptorhynchus mangiferae

Cylas formicarius

Cylas formicarius var.

Dinoderus brevis

Frankliniella schultzei

Haplothrips gowdeyi

Heterobostrychus aequalis

Lyctus spinifrons

Microcephalothrips abdominalis

Minthea rugicollis

Parlatoria morrisoni

Pectinophora gossypiella

Sinoxylon anale

Sinoxylon conigerum

Sinoxylon crassum

INDONESIA:

Cylas formicarius

Leucinodes orbonalis

Parlatoria pseudaspidiotus

IRELAND:

Evergestis forficalis

Frankliniella intonsa

Gelechia ericetella

Mamestra brassicae

Microtus ericae

Pieris brassicae (?)

Taeniothrips atratus

Taeniothrips ericae

ISRAEL:

Ceratitis capitata

Parlatoria oleae

Prodenia litura

Countries of Origin and Insects—Continued

ITALY:

Anuraphis tulipae
Brachycerus albidentatus
Brachycerus algerius
Bruchus lentis
Bruchus tuteicornis
Bruchus signaticornis
Bruchus tristis
Cacoecia pronubana
Ceratitis capitata
Ceroplastes ruscii
Coccus viridis
Cryptoblabes gnidiella
Curculio elephas
Dacus oleae
Diaphania unionalis (?)
Dyspessa ulula
Glycyphagus domesticus
Hemimene juliana
Hypoborus ficus
Iridomyrmex humilis
Lampetia equestris
Laspeyresia nigricana
Laspeyresia splendana
Lepidosaphes ficus
Mamestra brassicae
Parlatoria oleae
Parlatoria zizyphus
Phloeotribus scarabaeoides
Polychrosis botrana
Prays oleellus
Psylliodes chrysocephala
Pyrausta nubilalis
Rhagoletis cerasi
Sesamia cretica
Trialeurodes lauri

JAMAICA:

Aganactes indecora
Aleurocanthus woglumi
Anastrepha mombinpraeoptans
Asterolecanium epidendri
Asterolecanium pustulans
Coccus viridis
Cylas formicarius var. *elegantulus*
Haplothrips gowdeyi
Leucaspis cockerelli
Leucaspis indica
Monomorium destructor
Palaeopus costicollis
Pectinophora gossypiella
Vinsonia stellifera

JAPAN:

Aspidiotus corticis-pini
Aspidiotus cryptoxanthus
Aspidiotus degeneratus
Aspidiotus destructor
Callidium rufipenne
Ceroplastes rubens
Chilo simplex
Dialeurodes citri
Eulachnus piniformosanus (?)
Fiorinia japonica
Frankliniella formosae
Laspeyresia splendana
Lepidosaphes conchiformis
Lepidosaphes pallida
Malacosoma neustria (?)
Maruca testulalis
Oryctonia jucunda
Parlatoria camelliae
Parlatoria chinensis
Parlatoria pyri
Pentamerisimus oregonensis
Phenacaspis fujicola
Pinnaspis uniloba
"Pulaspis" pini
Protaetia orientalis
Pseudococcus pini
Pyrausta nubilalis
Scepticus insularis
Scotinophara lurida
Spondylis buprestoides
Stephanitis pyrioides
Taeniothrips hawaiiensis
Unaspis ganonensis

JAVA:

Aulacaspis tegalensis

JERUSALEM:

Anuraphis tulipae

KOREA:

Grapholitha molesta

LEBANON:

Bruchus dentipes
Ceratitis capitata
Dacus oleae
Deroceras reticulatum
Lepidosaphes ficus

LIBERIA:

Rostriophytes cornutus
Minthea obsita
Xyloperthella crinitarsis

LIBYA:

Dacus oleae

MADEIRA ISLANDS:

Ceratitis capitata

Iridomyrmex humilis

MARSHALL ISLANDS:

Aonidiella inornata

MEXICO:

Acalymma trivittata
Acanthoscelides griscolus
Aeolus vermiculatus
Agallia lingula
Aleurocanthus woglumi
Aleuroglandulus emmae
Aleurothrixus floccosus
Ambria emigratella
Anastrepha ludens
Anastrepha mombinpraeoptans
Anastrepha serpentina
Anastrepha striata
Arvelius albopunctatus
Aspidiotus destructor
Aspidiotus palmarum
Asterolecanium agavis
Asterolecanium bambusae
Asterolecanium pustulans
Aufesius impressicollis
Bemisia tabaci
Capaneus tetricus
Chrysomphalus albopictus ?
Chrysomphalus personatus
Chrysomphalus umbriferus
Coccotrypes dactyliperda
Conotrachelus aguacalae
Conotrachelus perseae
Cosmopolites sordidus
Crochus scabrosus
Cryptophila apicalis
Cylas formicarius var. *elegantulus*
Cyrtopeltis varians
Dactylopius coccis
Deloyala guttata
Delphacodes dissipata
Diabrotica lepida
Diorymerellus laevi-margo
Dysdercus mimulus
Dysdercus obliquus
Epilachna varivestis
Epinotia opposita
Eustrophinus marginatus
Evergestis rimosalis
Exptochiomera albo-maculata
Exptochiomera formosa
Ferrisia virgata
Frankliniella fortissima
Galgupha texana
Gerstaeckeria mutillaria
Gnori-moschema gudmannella
Gnori-moschema lauernella
Heilipus caecus
Hymenia perspectalis
Isorhinus depressus
Isorhinus undatus
Lardoglyphus zacheri
Lema quinque-notata
Lepidosaphes philococcus
Ligyrocoris abdominalis
Ligyrocoris aurivilliana
Ligyrocoris nitidicollis

Countries of Origin and Insects—Continued

MEXICO—Continued

Lineodes integra
Lorostege similalis
Microvelia oaxacana
Monanthia monotropidia
Mormidea cubrosa
Myodocha longicollis
Neoleucinodes elegantalis
Pachygrontha oedancalodes
Pachyzancla bipunctalis
Paraleyrodus goyabae (?)
Parlatoria cinerea
Pectinophora gossypiella
Pityophthorus sambuci
Plagiodes thymaloideus
Platynota rostrana
Prostephanus truncatus
Pseudischinaspis alienus
Pseudodiaspis yuccae
Rhagoletis completa
Rhagoletis juglandis
Rhagoletis pomonella
Rhagoletis striatella
Scyphophorus acupunctatus
Sisamnes contractus
Sixeonotus luteiceps
Stenoma catenifer
Talponia batesi
 "Targionia" bromiliae
 "Targionia" cueroensis
 "Targionia" hartii
Teleonomia cylindricornis
Tenthecoris angustimarginatus
Tenthecoris bicolor
Tenthecoris confusus
Tetraleurodes acaciae
Tecranus spatulatus
Toxotrypana curvicauda
Trialetrodes abutilonea (?)
Trialetrodes varia
Trichobaris championi
Trionymus sacchari
Unaspis citri
Valtissius diversus
Xestolabus laesicollis

MONTSEERRAT:

Vinsonia stellifera

MOROCCO:

Ceratitis capitata
Sesamia cretica
Sesamia nonagrioides

NETHERLANDS:

Adoxophyes orana
Allantus cinctus
Anuraphis tulipae
Bruchus luteicornis
Deroceras reticulatum
Eriophyes canestrinii
Gracilaria azalella
Gymnaetron beccabungae var. *nigrum*
Laetitia equestris
Lecanium coryli
Phytoptus avellanae
Sitona lineata

NETHERLANDS GUIANA:

Euscapes postfasciatus
Furcasps bifor mis
Maruca testulalis

NEW ZEALAND:

Ceroplastes sinensis
Deroceras reticulatum
Lampetia equestris

NICARAGUA:

Anastrepha mombinpraeoptans
Anastrepha serpentina
Aspidiotus palmarum
Leucaspis cockerelli
Pseudischinaspis longissima
Stenoma catenifer

NORWAY:

Argyresthia confugella

PAKISTAN:

Oryctes lactus

PALESTINE:

Dacus oleae

PALMYRA ISLAND:

Ferrisia virgata

PANAMA:

Aleurocanthus woglumi
Anastrepha mombinpraeoptans
Aspidiotus destructor
Aspidiotus palmarum
Asterolecanium epidendri
Chrysomphalus umboniferus
Coccus viridis
Furcasps bifor mis
Lepidosaphes tokionis
Leucaspis cockerelli
Metamasius sericeus
Protopulvinaria longivalvata
Protopulvinaria pyrrifor mis
Pseudischinaspis alienus
Pseudischinaspis longissima
Pyrausta nubilalis
Stenoma catenifer
Vinsonia stellifera

PERU:

Conchaspis angraeci
Laspeyresia leguminis
Pagiocerus fiorii
Stenoma catenifer

PHILIPPINES:

Achatina fulica
Aleurotuberculatus jasmini
Antonina graminis
Aonidiella citrina
Aonidiella inornata
Brachyplatys deplanatus
Chrysomphalus tingi
Dialeurodes kirkaldyi
Dinoderus brevis
Ferrisia virgata
Lepidosaphes tuberculata
Odonaspis saccharicaulis
Parlatoria pseudaspidiotus
Parlatoria zizyphi
Pinaspis scrobicularum
Pseudonidia curculiginis
Pseudococcus lilacinus
Sinoxylon anale
 "Targionia" hartii
Unaspis yanonensis
Xylotrupes gideon

PORTUGAL:

Ceratitis capitata
Curculio elephas
Iridomyrmex humilis
Laspeyresia splendana
Parlatoria oleae
Rhagoletis cerasi
Sitona lineata

PUERTO RICO:

Anastrepha mombinpraeoptans
Anastrepha suspensa
Ancylostoma stercora
Coccus viridis
Cylas formicarius var. *elegantulus*
 "Targionia" sacchari
Vinsonia stellifera

SAIPAN:

"Targionia" sacchari

SALVADOR:

Anastrepha mombinpraeoptans
Aulacaspis tuberculatus
Leucaspis cockerelli
Pseudischinaspis alienus
Stenoma anonella

SCOTLAND:

Aphis calhuae
Gelechia ericetella
Hypolithus riparius
Orthotylus ericetorum
Taeniothrips atratus
Taeniothrips ericae

SIERRA LEONE:

Alcidodes dentipes
Cylas puncticollis

SOUTH PACIFIC:

Achatina fulica
Aonidiella inornata

Countries of Origin and Insects—Continued

SPAIN:

Acalypta parvula
Brachycerus algerius
Ceratitis capitata
Gnorimoschema ocellatella
Parlatoria zizyphus

STRAITS SETTLEMENTS:

Icerya aegyptiaca

SWEDEN:

Argyresthia conjugella
Frankliniella intonsa
Phytomyza rufipes
Pityogenes chalcographus
Rhagoletis pomonella (?)
Taeniothrips atratus

SWITZERLAND:

Rhagoletis cerasi
Sirex noctilio
Tephritis arnicæ

SYRIA:

Earias insulana f. *semifascia*
Lepidosaphes ficus

TAHITI:

Ferrisia virgata

THAILAND:

Aonidiella comperei (?)
Cylas formicarius var.
Parlatoria pseudaspidiotus

TRIESTE:

Pyrausta nubilalis

TRINIDAD:

Anastrepha mombinpraeoptans
Asterolecanium epidendri
Leucaspis cockerelli
Microcephalothrips abdominalis
Parlatoria cinerea
Pectinophora gossypiella
Platynota rostrana
Protopulvinaria longivalvata
Pseudonidia trilobitiformis
"Targionia" haritii
Toxotrypana curvicauda
Vinsonia stellifera

TRIPOLI:

Ceratitis capitata

TURKEY:

Chaetoptelius vestitus
Dacus oleæ

UNION OF SOUTH AFRICA:

Argyroploce leucotreta
Aspidiotus destructor
Asterolecanium stentæ
"Chionaspis" leucadendri
Chrysomphalus rossi
Frankliniella schultzei
Haplothrips wouramboulchii
Iridomyrmex humilis
Phlyctinus callosus
Pseudococcus trichiliae
Pseudothrips glaucus (?)

UNKNOWN:

Carpocoris pudicus
Ceratitis capitata
Chelymorphia alternans (?)
Frankliniella intonsa
Rhagoletis cerasi
Rhagoletis pomonella
Taeniothrips atratus
Taeniothrips vulgarissimus

URUGUAY:

Parlatoria cinerea

VENEZUELA:

Mimosestes dominicanus
Eurytoma orchidearum
Euscepes postfasciatus
Furcaspis biformis
Gymnandrosoma aurantianum (?)
Vinsonia stellifera

VIRGIN ISLANDS:

Anastrepha mombinpraeoptans

WAKE ISLAND:

Prodenia litura

YAP ISLAND:

Monomorium destructor

YUGOSLAVIA:

Bruchus tristis
Cacoecia pronubana
Cryptoblabes gnidiella
Laspeyresia splendana

Pests (diseases) collected and reported from July 1, 1951, through June 30, 1952

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Albugo portulacae</i> (DC.) O. Kuntze: <i>Portulaca oleracea</i> (purslane).....	Mexico.....	1			Tex.
<i>Albugo tragopogonis</i> F. Gray: <i>Cynara scolymus</i> (globe artichoke).....	Sweden.....		1		Mass.
<i>Alternaria citri</i> Ell. & Pierce: <i>Citrus limon</i> (lemon).....	Australia.....		2		Calif.*
<i>Citrus reticulata</i> (Mandarin orange).....	Japan.....		1		Calif.*
<i>Citrus sinensis</i> (orange).....	France, Spain, Mexico.....	6			Tex.
<i>Alternaria porri</i> (Ell.) Cif.: <i>Urginea</i> sp.....	Ethiopia.....			1	D. C.
<i>Aschersonia basicystis</i> Berk. & Curt.: <i>Chamaedorea</i> sp.....	Mexico.....	1			Tex.
Palm.....	do.....	1			Tex.
<i>Ascochyta ledi</i> Rostr.: <i>Zenobia pulverulenta</i> (dusty zenobia).....	Netherlands.....			1	N. J.
<i>Ascochyta sorghina</i> Sacc.: <i>Sorghum halepense</i> (Johnson grass).....	Mexico.....	1			Tex.
<i>Asperisporium caricae</i> (Speg.) Maub.: <i>Carica papaya</i> (papaya).....	Cuba.....		1		Pa.
<i>Botryosphaeria agaves</i> (P. Henn.) Butl.: <i>Agave</i> sp.....	Mexico.....			1	Ariz.
<i>Botryosphaeria berengeriana</i> DeN. f. <i>araucariae</i> Sacc.: <i>Araucaria araucana</i> (monkeypuzzle).....	France, Netherlands.....			3	N. J.
<i>Botryosphaeria ribis</i> Gross. & Dugg.: <i>Araucaria cunninghami</i>	Australia.....		1		Calif.*
<i>Macrozamia spiralis</i> (spiral macrozamia).....	do.....		1		Calif.*
<i>Malus sylvestris</i> var.....	China.....			1	Calif.*
<i>Persea americana</i> (avocado).....	Hawaii, Mexico.....	2	1		Calif.*, Tex.
<i>Botrytis elliptica</i> (Berk.) Cke.: <i>Lilium speciosum rubrum</i> (pink speciosum lily).....	Japan.....			2	Calif.*
<i>Botrytis gladiolorum</i> Timmermans: <i>Gladiolus</i> sp.....	Canada, Japan, Netherlands.....			11	Calif.*, N. Y.
<i>Catacauma palmicola</i> F. L. Stevens: <i>Thrinax parviflora</i> (Jamaica thatch palm).....	Canal Zone.....			1	Wash.
<i>Ceratostomella ips</i> Rumbold (?): <i>Pinus</i> sp. (pine).....	England.....			1	N. J.
<i>Cercospora anethi</i> Sacc.: <i>Anethum graveolens</i> (dill).....	Denmark.....		1		Md.
<i>Cercospora anthelmintica</i> Atk.: <i>Chenopodium ambrosioides</i> (wormseed goosefoot).....	Mexico.....		1		Tex.
<i>Cercospora arachidicola</i> Hori: <i>Arachis</i> sp.....	do.....	1			Tex.
<i>Cercospora aricola</i> Sacc.: <i>Philodendron</i> sp.....	do.....			1	Tex.
<i>Cercospora beticola</i> Sacc.: <i>Beta vulgaris cicla</i> (Swiss chard).....	Italy.....		1		Pa.
<i>Cercospora coffeicola</i> Berk. & Cke.: <i>Coffea</i> sp. (coffee).....	Brazil, Mexico.....	1		1	N. Y., Tex.
<i>Cercospora cordiae</i> Chupp: <i>Cordia</i> sp.....	Mexico.....	1			Tex.
<i>Cercospora cryptomeriae</i> Shirai: <i>Cryptomeria japonica</i> (cryptomeria).....	Japan.....			1	Hawaii.
<i>Cercospora handelii</i> Bub.: <i>Rhododendron catawbiense</i>	Netherlands.....		1		N. J.
<i>Rhododendron impeditum</i>	do.....		1		N. J.
<i>Rhododendron</i> sp.....	do.....		1		N. J.
<i>Cercospora lythracearum</i> Heald & Wolf: <i>Punica granatum</i> (pomegranate).....	Puerto Rico.....	1			N. Y.
<i>Cercospora musae</i> Zimm.: <i>Musa paradisiaca</i> (plantain).....	British Guiana.....		1		Tex.
<i>Musa paradisiaca sapientum</i> (banana).....	Costa Rica, Mexico.....	6	1		Calif.*, Tex.
<i>Cercospora piperis</i> Pat.: <i>Piper</i> sp.....	Mexico.....		1		Tex.
<i>Cercospora protearum</i> Cke.: <i>Leucadendron argenteum</i> (silver leucadendron).....	Union of South Africa.....	1			N. Y.
<i>Cercospora purpurea</i> Cke.: <i>Persea americana</i> (avocado).....	Mexico.....	8			Tex.
<i>Cercospora mori</i> Pk.: <i>Morus</i> sp. (mulberry).....	do.....	1			Tex.

Pests (diseases) collected and reported from July 1, 1951, through June 30, 1952—
Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Cerebella andropogonis</i> Ces.:					
<i>Bothriochloa insculpta</i>	Kenya			1	D. C.
<i>Paspalum dilatatum</i> (Dallas grass)	New Zealand			1	D. C.
<i>Cerebella paspali</i> Cke. & Mass.:					
<i>Paspalum dilatatum</i>	Australia			1	Hawaii
<i>Cewthospora lunata</i> Shear:					
<i>Leucothoe catesbaei</i>	Netherlands			2	N. J.
<i>Rhododendron</i> sp.	do			1	N. J.
" <i>Chrysanthemum virus Q</i> ":					
<i>Chrysanthemum</i> sp.	Denmark			1	N. J.
<i>Chrysomya rhododendri</i> (D.C.) D. By.:					
<i>Rhododendron azaleodendron</i> (azaleodendron)	England			1	N. J.
<i>Rhododendron ferrugineum</i> (rock rhododendron)	Hungary, Switzerland	3		3	Mass., N. Y.
<i>Rhododendron hirsutum</i>	England, Germany	1		1	N. J., N. Y.
<i>Rhododendron</i> sp.	Switzerland	3		1	N. J.
<i>Clariceps paspali</i> F. L. Stevens & J. O. Hall:					
<i>Paspalum dilatatum</i> (Dallas grass)	Argentina			2	D. C.
<i>Clariceps purpurea</i> (Fr.) Tul.:					
<i>Festuca elatior</i> var.	Israel			1	D. C.
<i>Coleosporium senecionis</i> (Pers.) Fr.:					
<i>Senecio cineraria</i> (silver cineraria)	Argentina			1	N. Y.
<i>Colletotrichum agaves</i> Cav.:					
<i>Agave vestita</i>	Mexico			1	Calif.
<i>Agave</i> sp.	Italy, Mexico	1		3	Ariz., N. J., Tex.
<i>Colletotrichum graminicolum</i> (Ces.) G. W. Wils.:					
<i>Indocalamus</i> sp. (bamboo)	China			1	D. C.
<i>Colletotrichum heucherae</i> Ell. & Gall.:					
<i>Heuchera titanica</i>	England			1	N. J.
<i>Colletotrichum liliacearum</i> (Schw.) Ferr.:					
<i>Iris germanica</i> (German iris)	Australia, New Zealand			6	Calif.*
<i>Iris</i> sp.	England			1	Calif.*
<i>Lilium auratum</i> (goldband lily)	Japan			11	Calif.* , Oreg., Wash.
<i>Lilium giganteum</i> (giant lily)	do			4	Calif.*
<i>Lilium hansonii</i> (hanson lily)	do			1	Calif.*
<i>Lilium henryi</i> (henry lily)	do			1	Calif.*
<i>Lilium japonicum</i> (Japanese lily)	do			2	Calif.*
<i>Lilium longiflorum</i> (Easter lily)	do			7	Calif.*
<i>Lilium rubellum</i> (rubellum lily)	do			1	Calif.*
<i>Lilium speciosum rubellum</i> (pink speciosum lily)	do			17	Calif.* , Wash.
<i>Lilium tigrinum</i> (tiger lily)	do			1	Calif.*
<i>Lilium</i> sp.	India, Japan, New Zealand			9	Calif.* , Pa., Wash.
<i>Colletotrichum lini</i> (Westerdijk) Toch.:					
<i>Linum</i> sp. (flax)	Portugal	1			Mass.
<i>Colletotrichum philodendri</i> P. Henn.:					
<i>Philodendron</i> sp.	Mexico			1	Tex.
<i>Colletotrichum violae-tricoloris</i> R. E. Sm.:					
<i>Viola</i> sp.	England			1	N. J.
<i>Coniothecium citri</i> McAlp.:					
<i>Citrus aurantifolia</i> (sweet lime)	Mexico	1			Tex.
<i>Coniothyrium concentricum</i> (Desm.) Sacc.:					
<i>Agave stricta</i> (hedge agave)	do			1	Calif.*
<i>Coniothyrium cytisellum</i> (Pass. & Thum.) Sacc.:					
<i>Laburnocytisus adami</i>	Netherlands			1	N. J.
<i>Laburnum walereri</i>	do			15	N. J.
<i>Coniothyrium hellebori</i> Cke. & Mass.:					
<i>Helleborus niger</i> (Christmas-rose)	England, Netherlands			10	N. J.
<i>Coniothyrium laburnophilum</i> Oud.:					
<i>Laburnum</i> sp.	Denmark			1	N. J.
<i>Coniothyrium olivaceum</i> Bon.:					
<i>Wisteria</i> sp.	Japan			1	Calif.*
<i>Coryneum carpophilum</i> (Lev.) Jauch:					
<i>Prunus persica</i> (peach)	Mexico	1			Tex.
<i>Coryneum microstictum</i> Berk. & Br.:					
<i>Rosa</i> sp.	Canada	1			Wash.

Pests (diseases) collected and reported from July 1, 1951, through June 30, 1952—
Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Cronartium ribicola</i> Alex. Fisch.: <i>Ribes</i> sp. (black currant).....	Canada.....			1	N. Y.
<i>Cryptodiaporthe salicella</i> (Fr.) Wehm.: <i>Salix</i> sp. (willow).....	France, Netherlands.....	1	1		N. Y.
<i>Cryptospora longispora</i> Servazzi: <i>Araucaria excelsa</i> (Norfolk-Island pine).....	Australia, Norfolk Island.....			3	Calif.* , N. Y.
<i>Cucurbitaria frazzini</i> Ell. & Ev.: <i>Fragaria</i> sp. (ash).....	Mexico.....	1			Tex.
<i>Cumminsia sanguinea</i> (Peck.) Arth.: <i>Mahonia</i> sp.....	Canada.....			1	Wash.
<i>Curvularia lunata</i> (Wakk.) Boed.: <i>Ananas comosus</i> (pineapple).....	Mexico.....	1			Tex.
<i>Oryza sativa</i> (rice).....	India.....			1	D. C.
<i>Cylindrocarpum mali</i> (Allesch.) Wr.: <i>Laburnum watereri</i>	Netherlands.....			1	N. J.
<i>Cymadothea trifolii</i> (Fr.) Wolf: <i>Trifolium</i> sp.....	Portugal.....			1	D. C.
<i>Dasysepta phragmiticola</i> P. Henn. & Ploett.: <i>Phragmites</i> sp.....	Denmark.....			1	N. J.
<i>Diaporthe eres</i> Nits.: <i>Ficus carica</i> var.....	Italy.....			3	Calif.*
<i>Leucothoe catesbaei</i>	Netherlands.....			1	N. J.
<i>Magnolia</i> sp.....	Japan.....			1	Wash.
<i>Wisteria floribunda macrobotrys</i>	do.....			1	Calif.*
<i>Diplodia coccocarpa</i> Sacc.: <i>Cocos nucifera</i> (coconut).....	Guam, Hawaii, Tahiti.....	9	1		Calif.*
<i>Diplodia paraphysaria</i> Sacc.: <i>Aerides fieldingi</i> (orchid).....	Thailand.....			1	Hawaii
<i>Laelia</i> sp. (orchid).....	Mexico.....			1	Tex.
<i>Oreoid.</i>	Brazil, Mexico, Trinidad.....	1		2	P. R., Tex.
<i>Diplodia theobromae</i> (Pat.) Nowell: <i>Manihot</i> sp.....	Cape Verde Islands.....			1	N. J.
<i>Diplodia eurrhododendri</i> Voss: <i>Rhododendron</i> sp.....	England.....			1	Wash.
<i>Diplodia leucothoes</i> (P. Henn.) Died.: <i>Leucothoe</i> sp.....	Netherlands.....			2	N. J.
<i>Discoaria arctocreas</i> Fr.: <i>Daphne</i> sp.....	Ireland.....			1	N. Y.
<i>Echidnodes cocoes</i> Syd.: <i>Cocos nucifera</i> (coconut).....	Palmyra Island.....			1	Hawaii
<i>Elsinoe australis</i> Bitanc. & Jenkins: <i>Citrus aurantifolia</i> (sour lime).....	Brazil.....			7	La., N. Y., Pa., Tex.
<i>Citrus aurantium</i> (sour orange).....	Argentina.....			1	Tex.
<i>Citrus limon</i> (lemon).....	Argentina, Brazil.....			57	Ala., Calif.* La., Md., Mass., N. Y., Pa., Tex.
<i>Citrus reticulata</i> (Mandarin orange).....	Argentina.....			2	N. Y.
<i>Citrus sinensis</i> (orange).....	Argentina, Brazil, unknown, Uruguay.....			67	Ala., Calif.* Fla., La., Md., Mass., N. Y., Pa., P. R., Tex.
<i>Citrus</i> sp. (orange).....	Argentina.....			1	Ga.
<i>Elsinoe phaseoli</i> Jenkins: <i>Phaseolus lunatus macrocarpus</i> (lima bean).....	Cuba.....			1	N. Y.
<i>Endoconidiophora adiposa</i> (Butl.) Davidson: <i>Eleocharis dulcis</i> (water nut).....	China.....			1	Calif.*
<i>Entyloia oryzae</i> Syd. & P. Syd.: <i>Oryza sativa</i> (rice).....	Japan.....			1	Hawaii
<i>Fusarium graminearum</i> Schwabe: <i>Triticum aestivum</i> (wheat).....	Netherlands.....			1	D. C.
<i>Fusarium oxysporum</i> Schlecht.: <i>Crocus zonatus</i>	do.....			1	N. Y.

Pests (diseases) collected and reported from July 1, 1951, through June 30, 1952—
Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Fusarium oxysporum</i> Schlecht. f. <i>gladioli</i> (Massey) Snyd. & Hansen: <i>Gladiolus</i> sp.	Canada, England, Germany, Netherlands.			5	Ca., Mich., N. Y., Tex.
<i>Fusarium oxysporum</i> Schlecht. f. <i>narcissi</i> (Cke. & Mass.) Snyd. & Hansen: <i>Narcissus</i> sp.	Norway			1	N. Y.
<i>Fusarium phragmiticola</i> Kirsch.: <i>Phragmites</i> sp.	Denmark			1	N. J.
<i>Fusicladium depressum</i> (Berk. & Br.) Sacc.: <i>Foeniculum vulgare</i> (fennel)	Algeria		1		Pa.
<i>Fusicladium eriobotryae</i> Cav.: <i>Eriobotrya japonica</i> (loquat)	Italy	1			N. Y.
<i>Fusicladium pyracanthae</i> (Otth) Rostr.: <i>Pyracantha coccinea</i> (scarlet firethorn)	Netherlands			1	N. J.
<i>Gliomastix convoluta</i> (Harz.) Mason: <i>Solanum tuberosum</i> (potato)	Japan, Mexico	1	3		Calif.* , Tex.
<i>Zingiber officinale</i> (ginger)	China, Formosa, Japan	16			Calif.*
<i>Gloeocercospora sorghi</i> Bain & Edg.: <i>Sorghum halepense</i> (Johnson grass)	Mexico	1			Tex.
<i>Gloeosporium araucariae</i> Karst. & Hariot: <i>Araucaria araucana</i> (monkeypuzzle)	England (?)			1	Wash.
<i>Gloeosporium leguminum</i> (Cke.) Sacc.: <i>Prosopis</i> sp. (mesquite)	Mexico	2			Tex.
<i>Gloeosporium piperatum</i> Ell. & Ev.: <i>Capiscum frutescens</i> (pepper)	Guatemala			1	D. C.
<i>Gloeosporium rhododendri</i> Briosi & Cav.: <i>Rhododendron praecox</i> (winter rhododendron)	Netherlands			3	N. J.
<i>Graphiola borassi</i> Syd. & Butl.: <i>Borassus flabellifer</i> (palmyra palm)	India	1			Md.
<i>Gymnosporangium haraezanum</i> Syd.: <i>Juniperus chinensis</i> (Chinese juniper)	Japan			1	Calif.*
<i>Juniperus</i> sp.	do.			1	Hawaii
<i>Gymnosporangium juniperi</i> Lk.: <i>Sorbus aucuparia</i> (European mountain-ash)	Sweden			1	N. Y.
<i>Hainesia lythri</i> (Desm.) Hohn.: <i>Rosa</i> sp.	Spain			1	N. J.
<i>Helminthosporium oryzae</i> Breda de Haan: <i>Oryza sativa</i> (rice)	Cuba, Hawaii, India, Japan.	3	13	2	Calif., D. C.
<i>Hendersonia importata</i> Allesch: <i>Vanda caerulea</i> (orchid)	Thailand			1	Hawaii
<i>Hendersonia sarmentorum</i> West.: <i>Berberis lomariifolia</i>	England			1	Wash.
<i>Heterodera avenae</i> Eidam: Soil with bagging	England, Netherlands, Scotland.	11			N. Y., Pa., Va.
Soil with potatoes	Spain	4			N. Y., P. R.
<i>Heterodera cacti</i> Filip. & Schuurmans Stekhoven: Soil with cactus plants	France, Switzerland			4	Calif.* , N. J., N. Y., Tex.
Soil with <i>Lobivia</i> sp.	Germany			1	Calif.*
Soil with <i>Mammillaria robustispina</i>	Mexico			1	Calif.*
Soil with <i>Mammillaria</i> spp.	do.			3	Calif.*
Soil with various succulents	England			1	N. Y.
<i>Heterodera punctata</i> Thorne: Soil with Amaryllidaceae bulbs	Ireland	1			Calif.*
Soil on army trucks	Europe, Germany, unknown.	3			N. Y.
Soil with bagging	Belgium, Denmark, England, Netherlands, Scotland.	13			N. Y., Pa., Va.
Soil used as ballast	Scotland	2			Pa.
Soil with carrots	Netherlands	1			N. Y.
Soil with chrysanthemum plants	England			2	Mass., Wash.
Soil with compost for orchids	do.			1	N. J.
Soil with <i>Cymbidium</i> sp.	do.			3	N. J.
Soil with <i>Cypripedium</i> sp.	do.			1	N. J.
Soil with <i>Dianthus</i> sp., peony, and delphinium	do.			1	N. Y.

Pests (diseases) collected and reported from July 1, 1951, through June 30, 1952—
Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Heterodera punctata</i>—Continued					
Soil with <i>Fragaria</i> sp.	Scotland	—	—	1	N. J.
Soil with geranium	England, Sweden	—	1	1	N. Y., Pa.
Soil with hens-and-chickens plants	England	—	—	1	N. Y.
Soil with lily-of-the-valley plants	France	—	—	1	N. Y.
Soil with <i>Lupinus</i> sp. plants	England	—	—	1	N. Y.
Soil with pick-a-back plants	Germany	—	1	—	N. Y.
Soil with various plants	Sweden	—	—	1	N. J.
Soil with potatoes	England, Ireland, Norway, Spain	1	4	—	N. Y., Pa., Va.
Soil with <i>Primula</i> sp. plants	England	—	—	1	N. J.
Soil with <i>Ranunculus</i> sp. and <i>Primula</i> sp. plants	do.	—	—	1	N. J.
Soil with <i>Sedum</i> sp. plants	do.	—	—	1	N. Y.
Soil with <i>Sedum</i> sp. and <i>Primula</i> sp. plants	do.	—	—	1	N. Y.
Soil with woody cuttings	do.	—	—	1	N. J.
<i>Heterodera rostochiensis</i> Wr.:					
Soil	Ireland	—	—	1	N. Y.
Soil with <i>Asparagus sprengert</i> plants	Germany	—	—	1	N. Y.
Soil with potted azalea plant	Netherlands	—	—	1	Ala.
Soil with bagging	Belgium, Denmark, England, Germany, Netherlands, Scotland	57	—	—	Md., N. Y., Pa., Va.
Soil used as ballast	Scotland	2	—	—	N. Y., Pa.
Soil with <i>Begonia</i> sp. plants	Germany	—	—	1	N. Y.
Soil with <i>Calluna</i> sp. plants	Scotland	—	—	1	N. J.
Soil with carnation plants	England	—	—	1	N. Y.
Soil with cedar plants	Ireland	—	—	1	Mass.
Soil with celery roots	England	—	1	—	Va.
Soil with <i>Coleus</i> sp. plants	Scotland	—	—	1	N. Y.
Soil with dahlia roots	England	—	—	2	N. J.
Soil with forget-me-not plants	do.	—	1	—	N. Y.
Soil with <i>Fragaria</i> sp. roots	Sweden	—	—	1	N. J.
Soil with heather plants	Scotland	—	—	3	Mass.
Soil with heather and <i>Calluna</i> sp. plants	do.	—	—	1	N. J.
Soil with <i>Juniperus</i> sp. and <i>Helix</i> sp. plants	England	—	—	1	N. J.
Soil with lily-of-the-valley plants	Germany	—	—	2	Calif.* N. Y.
Soil with <i>Pelargonium</i> sp.	England	1	—	—	N. Y.
Soil with unidentified plants	Denmark, France	—	—	2	Mass., N. Y.
Soil with potatoes	Belgium, Canary Islands, England, Ireland, Peru, Scotland, Spain	5	11	—	Calif.* N. Y., Pa., P. R., Va., Wash.
Soil with <i>Ribes</i> sp. plants	England	—	—	1	N. J.
Soil with rutabaga roots	Netherlands	—	1	—	Pa.
Soil with <i>Scabiosa</i> sp.	England	—	—	1	N. J.
Soil with succulent plants	do.	—	—	1	N. Y.
Soil with thistle plants	Scotland	—	—	1	N. Y.
Soil with tulips	Germany	—	1	—	Pa.
Soil with woody cuttings	England	—	—	1	N. J.
<i>Heterodera schachtii</i> Schmidt:					
Soil with carnation plants	Germany	—	—	1	Ill.
<i>Heterodera trifolii</i> (Goffart) Oostenbrink:					
Soil with potatoes	New Zealand	—	1	—	Pa.
<i>Heterosporium iridis</i> (Fautr. & Roum.) Jaques:					
<i>Iris germanica</i> (German iris)	do.	—	—	1	Calif.*
<i>Heterosporium ornithogali</i> Klotzsch:					
<i>Ornithogalum thyrsoides</i> (chinkerichee)	Union of South Africa	9	—	—	D. C., Mass., N. J., Pa., Wash.
Leprosis:					
<i>Citrus reticulata</i> (Mandarin orange)	Mexico	1	—	—	Tex.
<i>Citrus sinensis</i> (orange)	Egypt, Haiti, Mexico, Panama, unknown	7	5	—	Calif.* Hawaii, Pa., Tex.
<i>Leptosphaeria citricola</i> Penz.:					
<i>Citrus reticulata</i> (Mandarin orange)	Japan	1	—	—	Alaska.

Pests (diseases) collected and reported from July 1, 1951, through June 30, 1952—
Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Leptosphaeria heterospora</i> (De N.) Sacc.:					
<i>Iris atrofusca</i>	Palestine.....			1	Calif.*
<i>Iris atropurpurea</i> (blackpurple iris).....	Netherlands.....			1	Calif.*
<i>Iris gatesi</i> (monarch iris).....	Netherlands, Turkey.....			2	Calif.*
<i>Iris germanica</i> (German iris).....	Australia, Canada, England, New Zealand.....			9	Calif.*
<i>Iris korolkowi</i> (redvein iris).....	Netherlands.....			3	Calif.*
<i>Iris nazarena</i>	Palestine.....			1	Calif.*
<i>Iris nigricans</i>	Hashemite Kingdom of the Jordan.....			1	Calif.*
<i>Iris stolonifera</i> (runner iris).....	Netherlands.....			1	Calif.*
<i>Iris stolonifera leichlinii</i>	do.....			1	Calif.*
<i>Iris susiana</i> (mourning iris).....	France, Netherlands.....			2	Calif.*
<i>Iris</i> sp.....	Canada, England, Netherlands, Palestine.....			8	Calif.*, N. J.
<i>Leptosphaeria opuntiae</i> Dodge:					
<i>Ferocactus crassihammatus</i> (cactus).....	Mexico.....			1	Tex.
<i>Ferocactus</i> sp.....	do.....			1	Tex.
<i>Leptosphaeria rusci</i> (Wallr.) Sacc.:					
<i>Ruscus</i> sp.....	Italy.....	3			Pa.
<i>Leptothyrium gentianicola</i> (DC.) Baeuml. var. <i>olivaceum</i> Bub.:					
<i>Gentiana acaulis</i>	England.....			1	N. J.
<i>Leptothyrium pomi</i> (Mont. & Fr.) Sacc.:					
<i>Malus sylvestris</i> (apple).....	Mexico.....	1			Tex.
<i>Lophodermium juniperinum</i> (Fr.) De N.:					
<i>Juniperus</i> sp.....	Italy.....	1			N. Y.
<i>Lophodermium pinastri</i> (Fr.) Chev.:					
<i>Pinus</i> sp. (3-leaved pine).....	Japan.....			1	Hawaii.
<i>Pinus</i> sp.....	Canada.....			2	N. Y.
<i>Macrophoma anthurii</i> Trinch.:					
<i>Anthurium</i> sp.....	Bermuda.....			1	N. J.
<i>Spathiphyllum</i> sp.....	do.....			1	N. J.
<i>Macrophoma cocos</i> Pass.:					
<i>Cocos nucifera</i> (coconut).....	Hawaii.....	2			Calif.*
<i>Macrophoma musae</i> (Cke.) Berl. & Vogl.:					
<i>Musa paradisiaca sapientum</i> (banana).....	Costa Rica, Hawaii, Mexico.....	2	1		Calif.*
<i>Macrophoma oncidii</i> P. Henn.:					
<i>Oncidium cavendishianum</i> (orchid).....	Guatemala.....			1	Calif.*
<i>Macrophoma phaseolina</i> (Tassi) Gold.:					
<i>Ipomoea batatas</i> (sweetpotato).....	Borneo, Japan.....	1	1		Calif.*
<i>Iris nigricans</i>	Hashemite Kingdom of the Jordan.....			1	Calif.*
<i>Ixia viridiflora</i> (green ixia).....	Union of South Africa.....			2	Calif.*
<i>Moraea spathacea</i>	do.....			1	Calif.*
<i>Melanospora zamiae</i> Cda.:					
<i>Colocasia esculenta</i> (dasheen).....	China, Japan.....	4			Calif.*
<i>Zingiber officinale</i> (ginger).....	Formosa, Hawaii, Japan, Philippines.....	15			Calif.*
<i>Meliola citricola</i> Syd.:					
<i>Citrus reticulata</i> (Mandarin orange).....	China.....	7			Calif.*
<i>Citrus sinensis</i> (orange).....	Ceylon, China, Japan.....	18	1		Calif.*, Hawaii, Minn.
<i>Meloidogyne arenaria</i> (Neal) Chitwood:					
<i>Bletilla</i> sp. (orchid).....	Japan.....			2	Wash. Tex.
<i>Brassica rapa</i> (turnip).....	Mexico.....	2			N. J.
<i>Dahlia</i> sp.....	India.....			1	N. J.
<i>Solanum tuberosum</i> (potato).....	Chile.....		1		Pa.
<i>Meloidogyne exigua</i> Goeldi:					
<i>Dahlia</i> sp.....	Australia.....			1	Calif.*
<i>Meloidogyne hapla</i> Chitwood:					
<i>Chrysanthemum</i> sp.....	Netherlands.....			1	N. J.
<i>Clematis</i> sp.....	do.....			2	Wash.
<i>Delphinium</i> sp.....	do.....			1	N. J.
<i>Hepatica angulosa</i> (Hungarian hepatica).....	do.....			1	Wash.
Soil with unknown plant.....	Germany.....			1	Va.

Pests (diseases) collected and reported from July 1, 1951, through June 30, 1952—
Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Meloidogyne incognita</i> (Kofoid & White) Chitwood:					
<i>Asparagus myriocladus</i>	Japan.....			1	Hawaii
<i>Dahlia</i> sp.....	India.....			1	Calif.*
<i>Dioscorea</i> sp.....	Nicaragua.....			1	D. C.
<i>Musa paradisiaca sapientum</i> (banana).....	Mexico.....			1	Tex.
<i>Meloidogyne incognita</i> (Kofoid & White) Chitwood (?) :					
<i>Beta vulgaris</i> (beet).....	French West Africa.....		1		Pa.
<i>Daucus carota</i> (carrot).....	Argentina.....		1		Pa.
<i>Mammillaria phymatothale</i> (cactus).....	Mexico.....			1	N. J.
<i>Meloidogyne incognita</i> (Kofoid & White) Chitwood var. <i>acrita</i> Chitwood:					
<i>Agapanthus</i> sp.....	Japan.....			1	Wash.
<i>Pastinaca sativa</i> (parsnip).....	Union of South Africa.....		1		Tex.
<i>Meloidogyne incognita</i> (Kofoid & White) Chitwood var. <i>acrita</i> Chitwood (close to; possibly n. sp.):					
<i>Hedychium</i> sp.....	Canal Zone.....			1	Tex.
<i>Pogostemon</i> sp.....	Philippines.....			1	D. C.
<i>Meloidogyne javanica</i> (Treub.) Chitwood:					
<i>Bletilla</i> sp. (orchid).....	Japan.....			3	Wash.
<i>Dahlia</i> sp.....	Australia.....			1	Calif.*
<i>Memnoniella echinata</i> (Rivolta) L. O. Gall.:					
<i>Cymbidium lowianum</i> (orchid).....	India.....			1	Calif.*
<i>Philodendron</i> sp.....	Mexico.....			1	Calif.*
<i>Solanum tuberosum</i> (potato).....	Japan.....		1		Calif.*
<i>Zingiber officinale</i> (ginger).....	China, Formosa, Japan.....	29			Calif.*
<i>Microplodidia agaves</i> (Niessl) Petr.:					
<i>Agave stricta</i> (hedgehog agave).....	Mexico.....			1	Calif.*
<i>Microthyriella guianensis</i> F. L. Stevens & Manter:					
<i>Millettia endresii</i> (orchid).....	Costa Rica.....			1	Tex.
<i>Monilinia fructicola</i> (Wint.) Honey:					
<i>Prunus domestica</i> (plum).....	Mexico.....	1			Tex.
<i>Monilinia fructigena</i> (Aderh. & Ruhl.) Honey:					
<i>Malus sylvestris</i> (apple).....	England, Sweden.....	1	1		N. Y., Pa.
<i>Prunus domestica</i> (plum).....	France.....	1			N. Y.
<i>Prunus</i> sp. (sweet cherry).....	England.....		1		Pa.
<i>Mycosphaerella citrullina</i> (C. O. Sm.) Gross.:					
<i>Sechium edule</i> (chayote).....	Italy.....			1	N. J.
<i>Mycosphaerella fragariae</i> (Tul.) Lindau:					
<i>Fragaria</i> sp. (strawberry).....	France.....			1	D. C.
<i>Mycosphaerella opuntiae</i> (Ell. & Ev.) Dearn.:					
<i>Coryphantha longicornis</i> (cactus).....	Mexico.....			1	Tex.
<i>Mycosphaerella schoenoprasii</i> (Auers.) Schroet.:					
<i>Allium cepa</i> (onion).....	Japan.....	1			Hawaii.
<i>Allium fistulosum</i> (Welsh onion).....	do.....		5		Pa.
<i>Mycosphaerella washingtoniae</i> Rehm:					
<i>Phoenix humilis loureiri</i> (roebelen date).....	do.....			1	Calif.*
<i>Myriangium duriaei</i> Mont. & Berk.:					
<i>Citrus sinensis</i> (orange).....	Mexico.....			1	Calif.*
<i>Myrothecium oridum</i> Fr.:					
<i>Lycopersicon esculentum</i> (tomato).....	Mexico (?).....	1			Tex.
<i>Neocosmospora vasinfecta</i> E. F. Sm.:					
<i>Cymbidium grandiflorum</i> (orchid).....	India.....			1	Calif.*
<i>Nigrospora oryzae</i> (Berk. & Br.) Petch:					
<i>Cymbopogon nardus</i> (citronella grass).....	Indonesia.....			1	Calif.*
<i>Nigrospora sphaerica</i> (Sacc.) Mason:					
<i>Cymbopogon citratus</i> (lemon grass).....	Java.....		1		Calif.*
<i>Oryza sativa</i> (rice).....	China, Japan.....	8	3		Calif.*
<i>Omphalia flava</i> Maub. & Rangel:					
<i>Gardenia augusta</i> (gardenia).....	Mexico.....			4	Tex.
<i>Oospora candidula</i> Sacc. var. <i>carpogena</i> Sacc.:					
<i>Ceanothus</i> sp.....	England.....			1	N. J.
<i>Oospora pustulans</i> Owen & Wakef.:					
<i>Solanum tuberosum</i> (potato).....	Finland.....			1	N. Y.
<i>Ophiostoma narcissi</i> Limber:					
<i>Narcissus</i> sp.....	Ireland.....			1	N. J.
<i>Panagrolaimus rigidus</i> (A. Schneider) Thorne (?) :					
<i>Dieffenbachia</i> sp.....	Mexico.....			1	Tex.

Pests (diseases) collected and reported from July 1, 1951, through June 30, 1952—
Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Papulaspora coprophila</i> (Zukal) Hotson:					
<i>Gladiolus</i> sp.	Japan			1	Calif.*
<i>Papulaspora dodgei</i> Conners:					
<i>Gladiolus</i> sp.	Germany			1	Mich.
<i>Papulaspora parasitica</i> (Eidam) Harz:					
<i>Dahlia</i> sp.	Australia			1	Calif.*
"Peony virus":					
<i>Paeonia</i> sp. (peony)	Netherlands			1	N. J.
<i>Peronospora effusa</i> (Grev.) Rab.:					
<i>Spinacia oleracea</i> (spinach)	Mexico	1			Ariz.
<i>Peronospora trifoliorum</i> D. By.:					
<i>Medicago</i> sp.	Ethiopia			1	D. C.
<i>Pestalotia bromelicola</i> Speg.:					
<i>Bromeliad</i>	Brazil			1	N. J.
<i>Pestalotia conspicua</i> Servazzi:					
<i>Laelia anceps</i> (orchid)	Mexico			1	Tex.
Orchid	Costa Rica, Mexico			3	Tex.
<i>Pestalotia cycadis</i> Allesch.:					
<i>Macrozamia spiralis</i> (spiral macrozamia)	Australia			1	Calif.*
<i>Pestalotia funerea</i> Desm.:					
<i>Cryptomeria japonica</i> (cryptomeria)	Japan			2	Calif.*,
<i>Pinus parviflora</i> (Japanese white pine)	do			1	Hawaii,
<i>Pestalotia guepini</i> Desm.:					Calif.*
<i>Camellia japonica</i> (camellia)	do			1	Calif.*
<i>Camellia sasanqua</i>	do			1	Calif.*
<i>Camellia</i> sp.	Japan, Korea, New Zealand			4	Calif.*, D. C.
<i>Pestalotia lespedezae</i> Syd.:					
<i>Lespedeza stipulacea</i> (Korean lespedeza)	China			1	Calif.*
<i>Pestalotia macrotricha</i> Kleb.:					
<i>Rhododendron</i> sp.	Netherlands			1	Wash.
<i>Pestalotia palmarum</i> Cke.:					
<i>Cocos nucifera</i> (coconut)	Hawaii	4			Calif.*
<i>Phoenix humilis loureiri</i> (roebelen date)	Japan			1	Calif.*
<i>Pestalotia peregrina</i> Ell. & G. Martin:					
<i>Pinus parviflora</i> (Japanese white pine)	do			1	Calif.*
<i>Pestalotia psidii</i> Pat.:					
<i>Psidium guajava</i> (guava)	Venezuela	1			N. Y.
<i>Pestalotia rhododendri</i> (D. Sacc.) Guba:					
<i>Rhododendron indicum</i>	Japan			1	Calif.*
<i>Rhododendron obtusum</i>	do			1	Calif.*
<i>Rhododendron</i> sp.	Netherlands			1	N. J.
<i>Pestalotia truncata</i> Lev.:					
<i>Ribes alpinum</i> (alpine currant)	do			1	N. J.
<i>Pestalotia virgatula</i> Kleb.:					
<i>Mangifera indica</i> (mango)	Mexico	1			Tex.
<i>Phaeosphaeria oryzae</i> Miyake:					
<i>Oryza sativa</i> (rice)	Japan	1			Calif.*
<i>Phleospora pistaciae</i> Petr.:					
<i>Pistacia</i> sp. (pistache)	Turkey	1			N. Y.
<i>Phoma citricarpa</i> McAlp.:					
<i>Citrus limon</i> (lemon)	Australia, Japan, Union of South Africa			5	Calif.*, Mass.
<i>Citrus paradisi</i> (grapefruit)	Australia, Mozambique, Thailand	1	2		Calif.*, N. Y.
<i>Citrus paradisi</i> (pomelo)	Philippines		1		Oreg.
<i>Citrus reticulata</i> (Mandarin orange)	China, Japan	46	2		Calif.*,
					Hawaii,
					Mass.,
					N. Y.
<i>Citrus sinensis</i> (orange)	Australia, China, Japan, Natal, Union of South Africa	43	10		Calif.*,
					Hawaii,
					Minn., Pa.
					Tex.
<i>Citrus</i> sp. (orange)	China	2			D. C., Fla.*
<i>Citrus</i> sp.	Australia, China	9	1		D. C., Ha-
					waii, Mass.
					Tex.

Pests (diseases) collected and reported from July 1, 1951, through June 30, 1952—
Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consump- tion	Nonentry	Propaga- tion	
<i>Phoma gypsophylae</i> Hollos:					
<i>Gypsophila</i> sp.-----	Japan			1	Calif.*
<i>Phoma iridina</i> Sacc.:-----					
<i>Iris germanica</i> (German iris)-----	New Zealand			1	Calif.*
<i>Phoma persicae</i> Schulz. & Sacc.:-----					
<i>Persea americana</i> (avocado)-----	Mexico	1			Tex.
<i>Phoma pomorum</i> Thuem.:-----					
<i>Malus sylvestris</i> (apple)-----	do	1			Tex.
<i>Phomopsis capsici</i> (Magn.) Sacc.:-----					
<i>Capsicum frutescens</i> (pepper)-----	Hawaii		1		Tex.
<i>Phomopsis cocoes</i> Petch.:-----					
<i>Cocos nucifera</i> (coconut)-----	Guam, Hawaii, Tahiti	18			Calif.*
<i>Phomopsis conorum</i> (Sacc.) Died.:-----					
<i>Picea</i> sp. (spruce)-----	Austria	1			D. C.
<i>Phomopsis hellobori</i> (Brun. & Har.) Trav.:-----					
<i>Helleborus niger</i> (Christmas-rose)-----	Netherlands			1	N. J.
<i>Phomopsis phoenicola</i> Trav. & Spessa:-----					
<i>Phoenix humilis loureiri</i> (roebelen date)-----	Japan			1	Calif.*
<i>Phomopsis stictica</i> (Berk. & Br.) Trav.:-----					
<i>Buxus microphylla koreana</i> -----	Netherlands			1	N. J.
<i>Phragmidium discolorum</i> [Tode] James:-----					
<i>Rosa</i> sp.-----	Portugal			1	N. J.
<i>Phyllachora engleri</i> Speg.:-----					
<i>Synonium</i> sp.-----	British Honduras			1	Fla.
<i>Phyllosticta auerswaldii</i> Allesch.:-----					
<i>Buxus</i> sp.-----	Austria			1	Minn.
<i>Phyllosticta cacti</i> (Berk.) Archer:-----					
<i>Coryphantha longicornis</i> (cactus)-----	Mexico			1	Tex.
<i>Phyllosticta camelliae</i> West.:-----					
<i>Camellia</i> sp.-----	Japan			2	Wash.
<i>Phyllosticta cookii</i> Tassi:-----					
<i>Magnolia</i> sp.-----	Mexico	1			Tex.
<i>Phyllosticta dracaena</i> P. Henn.:-----					
<i>Cordylone banksi</i> (Banks dracaena)-----	New Zealand			1	Hawaii.
<i>Phyllosticta gaultheriae</i> Ell. & Ev.:-----					
<i>Gaultheria</i> sp.-----	Mexico	1			Tex.
<i>Phyllosticta hedericola</i> Dur. & Mont.:-----					
<i>Fatsyhedera</i> sp.-----	Belgium			1	N. J.
<i>Hedera helix</i> (English ivy)-----	Ireland			1	N. Y.
<i>Phyllosticta laelinae</i> Kiessl.:-----					
<i>Laelia superbiens</i> (orchid)-----	Guatemala			1	Calif.*
<i>Oncidium cavendishianum</i> (orchid)-----	do			1	Calif.*
<i>Phyllosticta lentiginis</i> Sacc. & Syd.:-----					
<i>Viburnum</i> sp.-----	Netherlands			1	N. J.
<i>Phyllosticta maculiformis</i> Sacc.:-----					
<i>Castanea</i> sp. (chestnut)-----	Italy	1			Mass.
<i>Phyllosticta mahonicola</i> Pass.:-----					
<i>Berberis</i> sp.-----	Netherlands			1	D. C.
<i>Phyllosticta mortoni</i> Fairm.:-----					
<i>Mangifera indica</i> (mango)-----	Haiti, Mexico	2			Pa., Tex.
<i>Phyllosticta osmanthicola</i> Trinch.:-----					
<i>Osmanthus forresti</i> (forrests osmanthus)-----	Netherlands			1	N. J.
<i>Phyllosticta philodendri</i> Allesch.:-----					
<i>Philodendron verrucosum</i> (warty philodendron)-----	Costa Rica			1	Calif.*
<i>Phyllosticta saccardoi</i> Thuem.:-----					
<i>Rhododendron</i> sp.-----	Scotland			1	Ala.
<i>Phyllosticta violae</i> Desm.:-----					
<i>Viola</i> sp. (pansy)-----	Sweden	1			N. Y.
<i>Physalospora camptospora</i> Sacc.:-----					
<i>Cattleya bowringiana</i> (orchid)-----	Mexico			1	Calif.*
<i>Coelogyne elata</i> (orchid)-----	India			1	Wash.
<i>Physalospora orchidearum</i> P. Henn.:-----					
<i>Cymbidium elegans</i> (orchid)-----	do			1	Calif.*
<i>Orchid</i> -----	Mexico			1	Tex.
<i>Physalospora wildevaniana</i> Sacc.:-----					
<i>Cymbidium devonianum</i> (orchid)-----	India			1	Calif.*
<i>Physoderma plurianulatum</i> (Berk. & Curt.) Karl- ling:-----					
<i>Sanicula</i> sp. (?)-----	Mexico			1	Calif.*

Pests (diseases) collected and reported from July 1, 1951, through June 30, 1952—
Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Phytophthora parasitica</i> Dast.: <i>Citrus limon</i> (lemon).....	Spain.....	1			Calif.*
<i>Pleospora herbarum</i> (Pers.) Rab.: <i>Onobrychis viciifolia</i> (saifon).....	do.....		1		Calif.*
<i>Vitis</i> sp. (grape).....	Greece.....		1		Pa.
<i>Pleospora thuemeniana</i> Sacc.: <i>Yucca</i> sp.....	Bermuda.....			1	N. Y.
<i>Pseudomonas marginalis</i> (N. A. Brown) F. L. Stevens: <i>Cichorium endivia</i> (endive).....	Belgium, Netherlands.....	8			N. Y.
<i>Cichorium intybus</i> (chicory).....	Belgium.....	1			N. Y.
<i>Pseudomonas marginata</i> (McCull.) Stapp: <i>Gladiolus</i> sp.....	Germany.....			1	Mich.
<i>Pseudomonas seminum</i> Cayley: <i>Pisum sativum</i> (pea).....	Portugal.....		1		Tex.
<i>Pseudomonas syringae</i> v. Hall: <i>Citrus limon</i> (lemon).....	Greece (?).....		1		Pa.
<i>Pseudomonas tonelliana</i> Burk.: <i>Nerium oleander</i> (oleander).....	Italy.....			1	N. Y.
<i>Pseudopeziza medicaginis</i> (Lib.) Sacc.: <i>Medicago sativa</i> (alfalfa).....	Africa.....	1			Mass.
<i>Puccinia arenariae</i> (Schum.) Wint.: <i>Dianthus barbatus</i> (sweet-william).....	England, Switzerland.....	1		1	N. J., N. Y.
<i>Dianthus deltoides</i> (maiden pink).....	Switzerland.....			1	N. J.
<i>Puccinia chrysanthemi</i> Roze: <i>Chrysanthemum</i> sp.....	Japan.....			1	Wash.
<i>Puccinia gentianae</i> (Strauss) Lk.: <i>Gentiana acaulis</i> (stemless gentian).....	Switzerland.....	1			Oreg.
<i>Puccinia glumarum</i> (Schm.) Eriks. & E. Henn.: <i>Triticum aestivum</i> (wheat).....	Spain.....	1			P. R.
<i>Puccinia graminis</i> Pers. var. <i>tritici</i> Eriks. & E. Henn.: <i>Triticum aestivum</i> (wheat).....	Mexico.....	1			P. R.
<i>Puccinia hieracii</i> (Schum.) Mart.: <i>Inula</i> sp. (?).....	Lebanon.....		1		Pa.
<i>Puccinia tritidis</i> (DC.) Wallr.: <i>Iris mellula</i>	Turkey.....			1	N. J.
<i>Puccinia lantanae</i> Farl.: <i>Lantana</i> sp.....	Bermuda.....			1	N. Y.
<i>Puccinia oblecta</i> Pk.: <i>Scirpus</i> sp. (bullrush).....	Mexico.....	1			Tex.
<i>Puccinia ornithogalli-thyrsoideis</i> Diet.: <i>Ornithogalum thyrsoideis</i> (chinkerichee).....	Union of South Africa.....	10			D. C., Md., Mass., N. J., N. Y., Pa.
<i>Puccinia smyrnii</i> Bov.-Bern.: <i>Smyrnum olustrum</i> (?).....	France.....	2			Mass.
<i>Puccinia urbaniana</i> P. Henn.: <i>Stachytarpheta jamaicensis</i>	Puerto Rico.....	1			P. R.
<i>Puccinia violae</i> (Schum.) DC.: <i>Viola</i> sp. (violet).....	Canada.....	1			Wash.
<i>Pucciniastrum vacciniorum</i> Lagh.: <i>Vaccinium arctostaphylos</i>	England.....			1	N. J.
<i>Pyrenochaeta erysiphoides</i> Sacc.: <i>Boehmeria</i> sp.....	Japan.....			1	Calif.
<i>Pyrenochaeta oryzae</i> Miyake: <i>Oryza sativa</i> (rice).....	do.....	1			Calif.*
<i>Pythium butleri</i> Subr.: <i>Zingiber</i> sp.....	Guam.....	1			Hawaii
<i>Ramularia beticola</i> Fautr. & C. R. Lambert: <i>Beta intermedia</i>	Turkey.....			1	D. C.
<i>Ramularia primulae</i> Thuem.: <i>Primula</i> sp. (primrose).....	Netherlands.....			1	N. Y.
<i>Ramularia taraxaci</i> Karst.: <i>Taraxacum</i> sp. (dandelion).....	Germany.....	1			N. Y.
<i>Schizophyllum commune</i> Fr.: Bark from wooden crate.....	Japan.....	1			Hawaii.

Pests (diseases) collected and reported from July 1, 1951, through June 30, 1952—
Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Scirrhodopsis bambusae</i> (Turc.) Trott.: Bambuseae.....	Japan.....	1	—	—	Hawaii.
<i>Sclerotinia kernerii</i> Wettst.: <i>Abies alba</i> (silver fir).....	Germany.....	1	—	—	Pa.
<i>Abies</i> sp.....	Greece (?).....	—	1	—	Mass.
<i>Sclerotinia minor</i> Jagger: <i>Pisum sativum</i> (pea).....	Portugal.....	—	1	—	Pa.
<i>Sclerotium cepivorum</i> Berk.: <i>Allium sativum</i> (garlic).....	France, Italy.....	1	1	—	Calif.*, N. Y.
<i>Sclerotium evonymi</i> Desm.: <i>Euonymus</i> sp.....	Netherlands.....	—	—	1	Wash.
<i>Sclerotium ornithogali</i> Savu. & Sanduville: <i>Ornithogalum thyrsoides</i> (chinkerichce).....	Union of South Africa.....	1	—	—	D. C.
<i>Sclerotium oryzae</i> Catt.: <i>Oryza sativa</i> (rice).....	Korea.....	1	—	—	Wash.
<i>Selenophoma donacis</i> (Pass.) Sprague & A. G. Johnson: <i>Agropyron</i> sp.....	Union of Soviet Socialist Republics.....	—	—	1	N. J.
<i>Septobasidium pseudopedicellatum</i> Burt: <i>Citrus sinensis</i> (orange).....	Brazil.....	—	1	—	Tex.
<i>Septoria azaleae</i> Vogl.: <i>Rhododendron japonicum</i> (Japanese azalea).....	Netherlands.....	—	—	1	N. J.
<i>Rhododendron</i> sp.....	France, Netherlands.....	—	—	3	N. J., N. Y., Wash.
<i>Septoria chrysanthemi</i> Allesch.: <i>Chrysanthemum</i> sp.....	Japan.....	—	—	1	Wash.
<i>Septoria citri</i> Pass.: <i>Citrus limon</i> (lemon).....	Argentina, Australia, Italy, New Zealand, Panama, Spain.....	—	6	—	Calif.*, Tex.
<i>Citrus paradisi</i> (grapefruit).....	Japan.....	—	1	—	Calif.*
<i>Citrus reticulata</i> (Mandarin orange).....	China.....	2	—	—	Calif.*
<i>Citrus sinensis</i> (orange).....	Union of South Africa.....	—	1	—	Calif.*
<i>Septoria dianthi</i> Desm.: <i>Dianthus</i> sp. (carnation).....	Azores.....	1	—	—	Mass.
<i>Septoria gladioli</i> Pass.: <i>Gladiolus</i> sp.....	Mexico, Turkey.....	1	—	1	N. J., Tex.
<i>Septoria posekensis</i> Sacc.: <i>Cymbidium devonianum</i> (orchid).....	India.....	—	—	2	Calif.*
<i>Cypripedium insigne</i> (orchid).....	do.....	—	—	1	Calif.*
<i>Septoria ribis</i> Desm.: <i>Ribes</i> sp. (currant).....	Norway.....	—	—	1	N. Y.
<i>Septoria unedonis</i> Rob. & Desm.: <i>Arbutus unedo</i> (strawberry-tree).....	Greece.....	—	—	1	N. Y.
<i>Sphaceloma fawcettii</i> Bitanc. & Jenkins: <i>Citrus aurantifolia</i> (lime).....	Hawaii.....	1	—	—	Hawaii.
<i>Citrus limon</i> (lemon).....	Japan.....	—	1	—	Wash.
<i>Citrus reticulata</i> (Mandarin orange).....	Mexico.....	1	—	—	Tex.
<i>Sphaceloma fawcettii</i> Jenkins var. <i>scabiosa</i> (McAlp. & Tryon) Jenkins: <i>Citrus limon</i> (lemon).....	Australia.....	—	2	—	Mass., Tex.
<i>Citrus paradisi</i> (grapefruit).....	do.....	—	1	—	Tex.
<i>Citrus</i> sp.....	do.....	—	1	—	Mass.
<i>Sphaceloma puniceae</i> Bitanc. & Jenkins: <i>Punica granatum</i> (pomegranate).....	Mexico.....	8	—	—	Ariz., Tex.
<i>Sphacelotheca sorghi</i> (Lk.) Clint.: <i>Sorghum vulgare</i> (sorghum).....	Nigeria.....	—	—	1	D. C.
<i>Sphenospora kevorkianii</i> Linder: <i>Schomburgkia</i> sp. (orchid).....	Panama.....	—	—	1	Tex.
<i>Sporocybe tessulata</i> Sacc.: <i>Dianthus</i> sp. (carnation).....	England.....	—	—	1	N. J.
<i>Sporoneuma oycocci</i> Shear: <i>Vaccinium arctostaphylos</i>	do.....	—	—	1	N. J.
<i>Stagonospora macrospora</i> (Dur. & Mont.) Sacc.: <i>Agave vestita</i>	Mexico.....	—	—	1	Calif.*
<i>Agave</i> sp.....	do.....	—	—	3	Ariz., Tex.
<i>Stemphylium botryosum</i> Wallr.: <i>Gladiolus</i> sp.....	do.....	—	—	1	Tex.

Pests (diseases) collected and reported from July 1, 1951, through June 30, 1952—
Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Stilbum incarnatum</i> Wakk.:					
<i>Eleocharis dulcis</i> (waternut).....	Formosa.....	5			Calif.*
<i>Zingiber officinale</i> (ginger).....	Formosa, Japan.....	3			Calif.*
<i>Thielavia terricola</i> (Gilman & Abbot) Emmons:					
<i>Tulipa</i> sp. (tulip).....	Japan.....			1	Calif.*
<i>Thielaviopsis basicola</i> (Berk. & Br.) Ferr.:					
<i>Astilbe</i> sp.....	Netherlands.....			2	N. J.
<i>Paeonia</i> sp.....	do.....			2	N. J.
<i>Sinningia speciosa</i> (gloxinia).....	Belgium.....			1	Calif.*
<i>Tilletia caries</i> (D.C.) Tul.:					
<i>Triticum aestivum</i> (wheat).....	Afghanistan, Austria.....			2	D. C.
<i>Tilletia foetida</i> (Wallr.) Liro:					
<i>Triticum aestivum</i> (wheat).....	Ethiopia.....			1	D. C.
<i>Tilletia paradoxa</i> Jacz.:					
<i>Poa</i> sp.....	Turkey.....			1	N. J.
"Tomato aspermy virus":					
<i>Chrysanthemum</i> sp.....	Denmark.....			1	N. J.
<i>Trematosphaerella oryzae</i> (Miyake) Padwick:					
<i>Oryza sativa</i> (rice).....	Salvador.....			1	D. C.
<i>Trichoderma lignorum</i> Harz:					
<i>Solanum tuberosum</i> (potato).....	Japan.....		1		Calif.*
<i>Tritirachium dependens</i> Limber:					
<i>Dahlia</i> sp.....	India.....			1	N. J.
<i>Lilium auratum</i> (goldband lily).....	Japan.....			4	Calif.*
<i>Lilium giganteum</i> (giant lily).....	do.....			1	Calif.*
<i>Lilium longiflorum</i> (Easter lily).....	do.....			4	Calif.*
<i>Lilium speciosum rubrum</i> (pink speciosum lily).....	do.....			7	Calif.*
<i>Lilium</i> sp.....	do.....			1	Calif.*
<i>Watsonia rosea</i> (rosy buglelily).....	Union of South Africa.....			1	N. J.
<i>Zingiber officinale</i> (ginger).....	Japan.....	1			Calif.*
<i>Trochila ilicis</i> (Fr.) Crouan:					
<i>Ilex aquifolium</i> (English holly).....	Netherlands.....			1	N. J.
<i>Trochila laurocerasi</i> (Desm.) Fr.:					
<i>Prunus</i> sp.....	England.....			1	D. C.
<i>Tubercularia vulgaris</i> Fr.:					
<i>Acer japonicum aconitifolium</i>	Netherlands.....			1	Wash.
<i>Tylenchus allii</i> Beijerinck:					
<i>Allium sativum</i> (garlic).....	Mexico.....	5			Tex.
<i>Tylenchus putrefaciens</i> Kuhn:					
<i>Allium sativum</i> (garlic).....	do.....	2			Tex.
<i>Uredo behnickiana</i> P. Henn.:					
<i>Laelia anceps</i> (orchid).....	do.....			4	Tex.
<i>Uredo guacae</i> Mayor (?):					
<i>Epidendrum radicans</i> (orchid).....	Guatemala.....			1	Fla.
<i>Epidendrum</i> sp.....	Cuba.....			1	Fla.
<i>Uredo jatrophiicola</i> Arth.:					
<i>Jatropha curcas</i> (Barbados nut).....	Puerto Rico.....		1		N. Y.
<i>Uredo oncidii</i> P. Henn.:					
<i>Oncidium varicosum rogersi</i> (orchid).....	Brazil.....			1	N. J.
<i>Oncidium</i> sp.....	Guatemala.....			1	Fla.
<i>Uredo scabiei</i> Cke.:					
<i>Vanilla planifolia</i> (orchid).....	Canal Zone.....			1	Fla.
<i>Vanilla</i> sp.....	do.....			1	Fla.
<i>Uredo stylosanthis</i> P. Henn.:					
<i>Stylosanthes</i> sp.....	Ethiopia.....			1	D. C.
<i>Urocystis colchici</i> (Schlecht.) Rab.:					
<i>Colchicum autumnale</i> (autumn-crocus).....	Netherlands.....			1	N. J.
<i>Colchicum autumnale album</i> (white autumn-crocus).....	do.....			1	N. J.
<i>Colchicum autumnale major</i> (giant autumn-crocus).....	do.....			1	N. J.
<i>Uromyces betae</i> (Pers.) Lev.:					
<i>Beta vulgaris cicla</i> (Swiss chard).....	Italy.....		1		Pa.
<i>Uromyces phaseoli</i> (Pers.) Wint. var. <i>typica</i> Arth.:					
<i>Phaseolus vulgaris</i> var. (string bean).....	Japan.....		1		Wash.
<i>Uromyces striatus</i> Schroet. var. <i>medicaginis</i> (Pass.) Arth.:					
<i>Medicago sativa</i> (alfalfa).....	Mexico.....	1			Tex.
<i>Uromyces trifolii</i> (Hedw. f.) Lev.:					
<i>Trifolium</i> sp. (clover).....	Greece.....			1	Calif.

Pests (diseases) collected and reported from July 1, 1951, through June 30, 1952—
Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Ustilago bullata</i> Berk.: <i>Bromus</i> sp.	Argentina.....	-----	-----	1	D. C.
<i>Ustilago hordei</i> (Pers.) Lagh.: <i>Hordeum vulgare</i> (barley).....	Afghanistan.....	-----	-----	1	D. C.
<i>Ustilago tritici</i> (Pers.) Rostr.: <i>Triticum aestivum</i> (wheat).....	do.....	-----	-----	1	D. C.
<i>Verticillium buxi</i> (Lk.) Auers. & Fleischk.: <i>Buxus</i> sp.	Canada, Netherlands.....	-----	-----	3	N. J.
<i>Xanthomonas citri</i> (Hasse) Dowson: <i>Citrus aurantifolia</i> (lime).....	India.....	1	-----	-----	Hawaii
<i>Citrus aurantifolia</i> (sour lime).....	India, Japan, Malaysia, Philippines.....	-----	4	-----	Calif.* , Mass., N. Y.
<i>Citrus grandis</i> (pummelo).....	Thailand.....	-----	2	-----	Wash.
<i>Citrus limon</i> (lemon).....	Japan.....	-----	16	-----	Calif.* , Ha- wail, La., N. Y., Wash. Calif.* , Tex.
<i>Citrus paradisi</i> (grapefruit).....	India, Japan.....	-----	7	-----	Mass.
<i>Citrus paradisi</i> (pomelo).....	China.....	2	1	-----	Calif.*
<i>Citrus reticulata</i> (Mandarin orange).....	Ceylon, China, For- mosa (?), Japan.....	14	33	-----	Calif.* , Fla.* , Pa., Wash. D. C.
<i>Citrus sinensis</i> (orange).....	China.....	1	-----	-----	-----
<i>Citrus</i> sp.	-----	-----	-----	-----	-----
<i>Xanthomonas</i> sp. (?) (Cancrosis "B"): <i>Citrus limon</i> (lemon).....	Argentina.....	-----	6	-----	Fla.* , Md., Mass., N. Y., Pa., Tex.
<i>Citrus paradisi</i> (grapefruit).....	do.....	-----	1	-----	Calif.*

Hosts and Diseases

ABIES:

Sclerotinia kernerii (Ascomycetes)

ACER:

Tubercularia vulgaris (Deuteromycetes)

AERIDES:

Diplodia paraphysaria (Deuteromycetes)

AGAPANTHUS:

Meloidogyne incognita var. *acrita* (Nematoda)

AGAVE:

Botryosphaeria agaves (Ascomycetes)

Colletotrichum agaves (Deuteromycetes)

Coniothyrium concentricum (Deuteromycetes)

Microdiplodia agaves (Deuteromycetes)

Stagonospora macrospora (Deuteromycetes)

AGROPYRON:

Selenophoma donacis (Deuteromycetes)

ALLIUM CEPA:

Mycosphaerella schoenoprasii (Ascomycetes)

ALLIUM FISTULOSUM:

Mycosphaerella schoenoprasii (Ascomycetes)

ALLIUM SATIVUM:

Sclerotium cepivorum (Deuteromycetes)

Tylenchus allii (Nematoda)

Tylenchus putrefaciens (Nematoda)

ANANAS:

Curvularia lunata (Deuteromycetes)

ANETHUM:

Cercospora anethi (Deuteromycetes)

ANTHURIUM:

Macrophoma anthurii (Deuteromycetes)

ARACHIS:

Cercospora arachidicola (Deuteromycetes)

ARAUCARIA:

Botryosphaeria berengeriana f. *araucariae* (Ascomycetes)

Botryosphaeria ribis (Ascomycetes)

Cryptospora longispora (Ascomycetes)

Gloeosporium araucariae (Deuteromycetes)

ARBUTUS:

Septoria unedonis (Deuteromycetes)

ASPARGUS:

Meloidogyne incognita (Nematoda)

ASTILBE:

Thielaviopsis basicola (Deuteromycetes)

BAMBUSEAE:

Scirrhodopsis bambusae (Phycomycetes)

BERBERIS:

Hendersonia sarmentorum (Deuteromycetes)

Phyllosticta mahonicola (Deuteromycetes)

BETA:

Cercospora beticola (Deuteromycetes)

Meloidogyne incognita (?)

Ramularia beticola (Deuteromycetes)

Uromyces betae (Promycetes)

BLETTILA:

Meloidogyne arenaria (Nematoda)

Meloidogyne javanica (Nematoda)

BOEHMERIA:

Pyrenochaeta erysipoides (Deuteromycetes)

BORASSUS:

Graphiola borassi (Promycetes)

BOTHRIOCHLOA:

Cerebella andropogonis (Deuteromycetes)

Hosts and Diseases—Continued

- BRASSICA RAPA:**
Meloidogyne arenaria (Nematoda)
- BROMELIAD:**
Pestalotia bromellicola (Deuteromycetes)
- BROMUS:**
Ustilago bullata (Promycetes)
- BUXUS:**
Phomopsis stictica (Deuteromycetes)
Phyllosticta auerswaldii (Deuteromycetes)
Verticillium buxi (Deuteromycetes)
Volutella buxi (Deuteromycetes)
- CAMELLIA:**
Pestalotia guepini (Deuteromycetes)
Phyllosticta camelliae (Deuteromycetes)
- CAPSICUM:**
Gloeosporium piperatum (Deuteromycetes)
Phomopsis capsici (Deuteromycetes)
- CARICA:**
Asperisporium caricae (Deuteromycetes)
- CASTANEA:**
Phyllosticta maculiformis (Deuteromycetes)
- CATTLEYA:**
Physalospora camptospora (Ascomycetes)
- CEANOETHUS:**
Oospora candidula var. *carpogena* (Deuteromycetes)
- CHAMAEDOREA:**
Aschersonia basicystis (Deuteromycetes)
- CHENOPODIUM:**
Cercospora anthelmintica (Deuteromycetes)
- CHRYSANTHEMUM:**
"Chrysanthemum virus Q"
Meloidogyne hapla (Nematoda)
Puccinia chrysanthemi (Promycetes)
Septoria chrysanthemi (Deuteromycetes)
"Tomato aspermy virus"
- CICHORIUM:**
Pseudomonas marginalis (Schizomycetes)
- CITRUS AURANTIFOLIA:**
Coniothecium citri (Deuteromycetes)
Elsinoe australis (Ascomycetes)
Sphaceloma fawcettii (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS AURANTIUM:**
Elsinoe australis (Ascomycetes)
- CITRUS GRANDIS:**
Xanthomonas citri (Schizomycetes)
- CITRUS LIMON:**
Alternaria citri (Deuteromycetes)
Elsinoe australis (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Phytophthora parasitica (Phycomycetes)
Pseudomonas syringae (Schizomycetes)
Septoria citri (Deuteromycetes)
Sphaceloma fawcettii (Deuteromycetes)
Sphaceloma fawcettii var. *scabiosa* (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
Xanthomonas sp. (?) (Cancrosis "B") (Schizomycetes)
- CITRUS PARADISI:**
Phoma citricarpa (Deuteromycetes)
Septoria citri (Deuteromycetes)
Sphaceloma fawcettii var. *scabiosa* (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
Xanthomonas sp. (?) (Cancrosis "B")
- CITRUS RETICULATA:**
Alternaria citri (Deuteromycetes)
Elsinoe australis (Ascomycetes)
Leprosis
Leptosphaeria citricola (Ascomycetes)
Meliola citricola (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Septoria citri (Deuteromycetes)
Sphaceloma fawcettii (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS SINENSIS:**
Alternaria citri (Deuteromycetes)
Elsinoe australis (Ascomycetes)
Leprosis
Meliola citricola (Ascomycetes)
Myriangium duriae (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Septobasidium pseudopedicellatum (Basidiomycetes)
Septoria citri (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS SP (orange):**
Elsinoe australis (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
- CITRUS SP.:**
Phoma citricarpa (Deuteromycetes)
Sphaceloma fawcettii var. *scabiosa* (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CLEMATIS:**
Meloidogyne hapla (Nematoda)
- COCOS:**
Diplodia coccocarpa (Deuteromycetes)
Echinodes cocos (Ascomycetes)
Macrophoma cocos (Deuteromycetes)
Pestalotia palmarum (Deuteromycetes)
Phomopsis cocos (Deuteromycetes)
- COELOGYNE:**
Physalospora camptospora (Ascomycetes)
- COFFEA:**
Cercospora coffeicola (Deuteromycetes)
- COLCHICUM:**
Urocystis colchici (Promycetes)
- COLOCASIA:**
Melanospora zamiae (Ascomycetes)
- CORDIA:**
Cercospora cordiae (Deuteromycetes)
- CORDYLIN:**
Phyllosticta dracaenae (Deuteromycetes)
- CORYPHANTHA:**
Mycosphaerella opuntiae (Ascomycetes)
Phyllosticta cauli (Deuteromycetes)
- CROCUS:**
Fusarium oxysporum (Deuteromycetes)
- CRYPTOMERIA:**
Cercospora cryptomeriae (Deuteromycetes)
Pestalotia funerea (Deuteromycetes)
- CYMBIDIUM:**
Memnoniella echinata (Deuteromycetes)
Neocosmospora vasinfecta (Ascomycetes)
Physalospora orchidearum (Ascomycetes)
Physalospora wildeமானiana (Ascomycetes)
Septoria posekensis (Deuteromycetes)
- CYMBOPOGON:**
Nigrospora oryzae (Deuteromycetes)
Nigrospora sphaerica (Deuteromycetes)
- CYNARA:**
Albugo tragopogonis (Phycomycetes)
- CYPRIPEDIUM:**
Septoria posekensis (Deuteromycetes)
- DAHLIA:**
Meloidogyne arenaria (Nematoda)
Meloidogyne exigua (Nematoda)
Meloidogyne incognita (Nematoda)
Meloidogyne javanica (Nematoda)
Papulaspora parasitica (Deuteromycetes)
Tritrichium dependens (Deuteromycetes)
- DAPHNE:**
Discosia artocreas (Deuteromycetes)
- DAUCUS:**
Meloidogyne incognita (?)
- DELPHINIUM:**
Meloidogyne hapla (Nematoda)
- DIANTHUS:**
Puccinia arenariae (Promycetes)
Septoria dianthi (Deuteromycetes)
Sporocybe tessulata (Ascomycetes)
- DIEFFENBACHIA:**
Panagrolaimus rigidus (?) (Nematoda)
- DIOSCOREA:**
Meloidogyne incognita (Nematoda)
- ELEOCHARIS:**
Endoconidiophora adiposa (Ascomycetes)
Stilbum incarnatum (Deuteromycetes)
- EPIDENDRUM:**
Uredo quacae (?) (Promycetes)
- ERIOBOTRYA:**
Fusicladium eriototryae (Deuteromycetes)
- EUONYMUS:**
Sclerotium evonymi (Deuteromycetes)
- FATSHEDERA:**
Phyllosticta hedericola (Deuteromycetes)
- FEROCACTUS:**
Leptosphaeria opuntiae (Ascomycetes)
- FESTUCA:**
Clariceps purpurea (Phycomycetes)

Hosts and Diseases—Continued

- FIGUS:**
Diaporthe eres (Ascomycetes)
- FOENICULUM:**
Fusicladium depressum (Deuteromycetes)
- FRAGARIA:**
Mycosphaerella fragariae (Ascomycetes)
- FRAXINUS:**
Cucurbitaria fraxini (Ascomycetes)
- GARDENIA:**
Omphalia flavida (Deuteromycetes)
- GAULTHERIA:**
Phyllosticta gaultheriae (Deuteromycetes)
- GENTIANA:**
Leptothyrium gentianicola var. *olivaceum* (Deuteromycetes)
- GLADIOLUS:**
Botrytis gladiolorum (Deuteromycetes)
Fusarium oxysporum var. *gladioli* (Deuteromycetes)
Papulaspora coprophila (Deuteromycetes)
Papulaspora dodgei (Deuteromycetes)
Pseudomonas marginalis (Schizomycetes)
Septoria gladioli (Deuteromycetes)
Siemphylium botryosum (Deuteromycetes)
- GYPHOPHILA:**
Phoma gypsophila (Deuteromycetes)
- HEDERA:**
Phyllosticta hedericola (Deuteromycetes)
- HEDYCHUM:**
Meloidogyne incognita var. *acrita* (?)
- HELLEBORUS:**
Coniothyrium hellebori (Deuteromycetes)
Phomopsis hellebori (Deuteromycetes)
- HEPATICA:**
Meloidogyne hapla (Nematoda)
- HEUCHERA:**
Colletotrichum heucherae (Deuteromycetes)
- HORDEUM:**
Ustilago hordei (Promycetes)
- ILEX:**
Trochila ilicis (Ascomycetes)
- INDOCALAMUS:**
Colletotrichum graminicolum (Deuteromycetes)
- INULA:**
Puccinia hieracii (Promycetes)
- IPOMOEA:**
Macrophomina phaseolina (Deuteromycetes)
- IRIS:**
Colletotrichum liliacearum (Deuteromycetes)
Heterosporium iridis (Deuteromycetes)
Leptosphaeria heterospora (Ascomycetes)
Macrophomina phaseolina (Deuteromycetes)
Phoma iridina (Deuteromycetes)
Puccinia iridis (Promycetes)
- IXIA:**
Macrophomina phaseolina (Deuteromycetes)
- JATROPHA:**
Uredo jatrophiicola (Promycetes)
- JUNIPERUS:**
Gymnosporangium haracanum (Promycetes)
Lophodermium juniperinum (Ascomycetes)
- LABURNOCYTISUS:**
Coniothyrium cytissellum (Deuteromycetes)
- LABURNUM:**
Coniothyrium laburnophilum (Deuteromycetes)
Cylindrocarpon mali (Deuteromycetes)
- LAELIA:**
Diplodia paraphysaria (Deuteromycetes)
Pestalotia conspicua (Deuteromycetes)
Phyllosticta laeliae (Deuteromycetes)
Uredo behnickiana (Promycetes)
- LANTANA:**
Puccinia lantanae (Promycetes)
- LESPEDEZA:**
Pestalotia lespedezae (Deuteromycetes)
- LEUCADENDRON:**
Cercospora protearum (Deuteromycetes)
- LEUCOTHOE:**
Ceuthospora lunata (Deuteromycetes)
Diaporthe eres (Ascomycetes)
Diplodina leucothoes (Deuteromycetes)
- LILIUM:**
Botrytis elliptica (Deuteromycetes)
Colletotrichum liliacearum (Deuteromycetes)
Tritirachium dependens (Deuteromycetes)
- LINUM:**
Colletotrichum lini (Deuteromycetes)
- LYCOPERSICON:**
Myrothecium rotundum (Deuteromycetes)
- MACROZAMIA:**
Botryosphaeria ribis (Ascomycetes)
Pestalotia cycadis (Deuteromycetes)
- MAGNOLIA:**
Diaporthe eres (Ascomycetes)
Phyllosticta cookei (Deuteromycetes)
- MAHONIA:**
Cumminsella sanguinea (Promycetes)
- MALUS:**
Botryosphaeria ribis (Ascomycetes)
Leptothyrium pomi (Deuteromycetes)
Monilinia fructigena (Ascomycetes)
- MAMMILLARIA:**
Meloidogyne incognita (?) (Nematoda)
- MANGIFERA:**
Pestalotia virgatula (Deuteromycetes)
Phyllosticta mortoni (Deuteromycetes)
- MANIHOT:**
Diplodia theobromae (Deuteromycetes)
- MEDICAGO:**
Peronospora trifoliorum (Ascomycetes)
Pseudopeziza medicaginis (Ascomycetes)
Uromyces striatus var. *medicaginis* (Promycetes)
- MILTONIA:**
Microthyriella guianensis (Ascomycetes)
- MORAEA:**
Macrophomina phaseolina (Deuteromycetes)
- MORUS:**
Cercospora mori (Deuteromycetes)
- MUSA PARADISIACA:**
Cercospora musae (Deuteromycetes)
- MUSA PARADISIACA SAPIENTUM:**
Cercospora musae (Deuteromycetes)
Macrophoma musae (Deuteromycetes)
Meloidogyne incognita (Nematoda)
- NARCISSUS:**
Fusarium oxysporum f. *narcissi* (Deuteromycetes)
Ophiostoma narcissi (Ascomycetes)
- NERIUM:**
Pseudomonas tonelliana (Schizomycetes)
- ONCIDIUM:**
Macrophoma oncidii (Deuteromycetes)
Phyllosticta laeliae (Deuteromycetes)
Uredo oncidii (Promycetes)
- ONOBRYCHIS:**
Pleospora herbarum (Ascomycetes)
- ORCHID:**
Diplodia paraphysaria (Deuteromycetes)
Pestalotia conspicua (Deuteromycetes)
Phyalospora orchidearum (Ascomycetes)
- ORNITHOGALUM:**
Heterosporium ornithogali (Deuteromycetes)
Puccinia ornithogali-thyrsoides (Promycetes)
Sclerotium ornithogali (Deuteromycetes)
- ORYZA:**
Curularia lunata (Deuteromycetes)
Entyloma oryzae (Promycetes)
Helminthosporium oryzae (Deuteromycetes)
Nigrospora sphaerica (Deuteromycetes)
Phaeosphaeria oryzae (Ascomycetes)
Pyrenochaeta oryzae (Deuteromycetes)
Sclerotium oryzae (Deuteromycetes)
Trematosphaeria oryzae (Ascomycetes)
- OSMANTHUS:**
Phyllosticta osmanthicola (Deuteromycetes)
- PAEONIA:**
 "Poony virus"
Thielaviopsis basicola (Deuteromycetes)
- PALM:**
Aschersonia basicystis (Deuteromycetes)
- PASPALUM:**
Cerebella andropogonis (Deuteromycetes)
Cerebella paspali (Deuteromycetes)
Clariceps paspali (Ascomycetes)
- PASTINACA:**
Meloidogyne incognita var. *acrita* (Nematoda)
- PERSEA:**
Botryosphaeria ribis (Ascomycetes)
Cercospora purpurea (Deuteromycetes)
Phoma persicae (Deuteromycetes)
- PHASEOLUS:**
Ustilnes phaseoli (Ascomycetes)
Uromyces phaseoli var. *typica* (Promycetes)

Hosts and Diseases—Continued

PHILODENDRON:

- Cercospora aricola* (Deuteromycetes)
- Colletotrichum philodendri* (Deuteromycetes)
- Memnoniella echinata* (Deuteromycetes)
- Phyllosticta philodendri* (Deuteromycetes)

PHOENIX:

- Mycosphaerella washingtoniae* (Ascomycetes)
- Pestalotia palmarum* (Deuteromycetes)
- Phomopsis phoenicola* (Deuteromycetes)

PHRAGMITES:

- Dasyscypha phragmiticola* (Ascomycetes)
- Fusarium phragmiticola* (Deuteromycetes)

PICEA:

- Phomopsis conorum* (Deuteromycetes)

PINUS:

- Ceratostomella ips* (?) (Ascomycetes)
- Lophodermium pinastri* (Ascomycetes)
- Pestalotia funerea* (Deuteromycetes)
- Pestalotia peregrina* (Deuteromycetes)

PIPER:

- Cercospora piperis* (Deuteromycetes)

PISTACIA:

- Phleospora pistaciae* (Deuteromycetes)

PISUM:

- Pseudomonas seminum* (Schizomycetes)
- Sclerotinia minor* (Ascomycetes)

POA:

- Tilletia paradoxa* (Promycetes)

POGOSTEMON:

- Meloidogyne incognita* var. *acrita* (Nematoda)

PORTULACA:

- Albugo portulacae* (Phycomycetes)

PRIMULA:

- Ramularia primulae* (Deuteromycetes)

PROSOPIS:

- Gloeosporium leguminum* (Deuteromycetes)

PRUNUS DOMESTICA:

- Monilinia fructicola* (Ascomycetes)
- Monilinia fructigena* (Ascomycetes)

PRUNUS PERSICA:

- Coryneum carpophilum* (Deuteromycetes)

PRUNUS SP. (cherry):

- Monilinia fructigena* (Ascomycetes)

PRUNUS SP.

- Trochila laurocerasi* (Ascomycetes)

PSIDIUM:

- Pestalotia psidii* (Deuteromycetes)

PUNICA:

- Cercospora lythracearum* (Deuteromycetes)
- Sphaeloma punicea* (Deuteromycetes)

PYRACANTHA:

- Fusicladium pyracanthae* (Deuteromycetes)

RHODODENDRON:

- Cercospora handelii* (Deuteromycetes)
- Ceuthospora tunata* (Deuteromycetes)
- Chrysomya rhododendri* (Promycetes)
- Diplodina eurhododendri* (Deuteromycetes)
- Gloeosporium rhododendri* (Deuteromycetes)
- Pestalotia macrotricha* (Deuteromycetes)
- Pestalotia rhododendri* (Deuteromycetes)
- Phyllosticta saccardoi* (Deuteromycetes)
- Septoria azaleae* (Deuteromycetes)

RIBES:

- Cronartium ribicola* (Promycetes)
- Pestalotia truncata* (Deuteromycetes)
- Septoria ribis* (Deuteromycetes)

ROSA:

- Coryneum microstictum* (Deuteromycetes)
- Hainesia lythri* (Deuteromycetes)
- Phragmidium disciflorum* (Promycetes)

RUSCUS:

- Leptosphaeria rusci* (Ascomycetes)

SALIX:

- Cryptodiaporthe salicella* (Ascomycetes)

SANICULA:

- Phyodermia pluriannullatum* (Phycomycetes)

SCHOMBURGKIA:

- Sphenospora kevorikianii* (Promycetes)

SCIRPUS:

- Puccinia oblecta* (Promycetes)

SECHIUM:

- Mycosphaerella citrullina* (Ascomycetes)

SENECIO:

- Coleosporium senecionis* (Promycetes)

SINNINGIA:

- Thielaviopsis basicola* (Deuteromycetes)

SMYRNIUM:

- Puccinia smyrnii* (Promycetes)

SOIL:

- Heterodera avenae* (Nematoda)
- Heterodera cacti* (Nematoda)
- Heterodera punctata* (Nematoda)
- Heterodera rostochiensis* (Nematoda)
- Heterodera schachtii* (Nematoda)
- Heterodera trifolii* (Nematoda)
- Meloidogyne hapla* (Nematoda)

SOLANUM:

- Gliomastix convoluta* (Deuteromycetes)
- Meloidogyne arenaria* (Nematoda)
- Memnoniella echinata* (Deuteromycetes)
- Oospora pustulans* (Deuteromycetes)
- Trichoderma lignorum* (Deuteromycetes)

SORBUS:

- Gymnosporangium juniperi* (Promycetes)

SORGHUM:

- Ascochyta sorghina* (Deuteromycetes)
- Gloeocercospora sorghi* (Deuteromycetes)
- Sphaelotheca sorghi* (Promycetes)

SPATHYPHYLLUM:

- Macrophoma anthurii* (Deuteromycetes)

SPINACIA:

- Pronospora effusa* (Phycomycetes)

STACHYTARPHETA:

- Puccinia urbaniana* (Promycetes)

STYLOSANTHES:

- Uredo stylosanthi* (Promycetes)

SYNGONIUM:

- Phyllachora engleri* (Ascomycetes)

TARAXACUM:

- Ramularia taraxaci* (Deuteromycetes)

THRINAX:

- Catacauma palmicola* (Ascomycetes)

TRIFOLIUM:

- Gymadothea trifolii* (Ascomycetes)
- Uromyces trifolii* (Promycetes)

TRITICUM:

- Fusarium graminearum* (Deuteromycetes)
- Puccinia glumarum* (Promycetes)
- Puccinia graminis* var. *tritica* (Promycetes)
- Tilletia caries* (Promycetes)
- Tilletia foetida* (Promycetes)
- Ustilago tritici* (Promycetes)

TULIPA:

- Thielavia terricola* (Ascomycetes)

URGINEA:

- Alternaria porri* (Deuteromycetes)

VACCINIUM:

- Pucciniastrum vacciniorum* (Promycetes)
- Sporonema ozycoeci* (Deuteromycetes)

VANDA:

- Hendersonia importata* (Deuteromycetes)

VANILLA:

- Uredo scabiei* (Promycetes)

VIBURNUM:

- Phyllosticta lentiginis* (Deuteromycetes)

VIOLA:

- Colletotrichum violae-tricoloris* (Deuteromycetes)
- Phyllosticta violae* (Deuteromycetes)
- Puccinia violae* (Promycetes)

VITIS:

- Pleospora herbarum* (Ascomycetes)

WATSONIA:

- Tritirachium dependens* (Deuteromycetes)

WISTERIA:

- Coniothyrium olivaceum* (Deuteromycetes)
- Diaporthe eres* (Ascomycetes)

YUCCA:

- Pleospora thueneniana* (Ascomycetes)

ZENOBIA:

- Ascochyta ledi* (Deuteromycetes)

ZINGIBER:

- Gliomastix convoluta* (Deuteromycetes)
- Melanospora zamiae* (Ascomycetes)
- Memnoniella echinata* (Deuteromycetes)
- Pythium butleri* (Phycomycetes)
- Silbum incarnatum* (Deuteromycetes)
- Tritirachium dependens* (Deuteromycetes)

Hosts Unknown

BARBIS:

- Schizophyllum commune* (Basidiomycetes)

Countries of Origin and Diseases

AFGHANISTAN:

Tilletia caries
Ustilago hordei
Ustilago tritici

AFRICA:

Pseudopeziza medicaginis

ALGERIA:

Fusicladium depressum

ARGENTINA:

Claviceps paspali
Coleosporium senecionis
Elsinoe australis
Meloidogyne incognita (?)
Septoria citri
Ustilago bullata
Xanthomonas sp. (?) (Cancerosis "B")

AUSTRALIA:

Alternaria citri
Botryosphaeria ribis
Cerebella paspali
Colletotrichum liliacearum
Cryptospora longispora
Leptosphaeria heterospora
Meloidogyne exigua
Meloidogyne javanica
Papulasporea parasitica
Pestalotia cycadis
Phoma citricarpa
Septoria citri
Sphaceloma fawcettii var. *scabiosa*

AUSTRIA:

Phomopsis conorum
Phyllosticta auerswaldii
Tilletia caries

AZORES:

Septoria dianthi

BELGIUM:

Heterodera punctata
Heterodera rostochiensis
Phyllosticta hedericola
Pseudomonas marginalis
Thielaviopsis basicola

BERMUDA:

Macrophoma anthurii
Pleospora thuemeniana
Puccinia lantanae

BORNEO:

Macrophoma phaseolina

BRAZIL:

Cercospora coffeicola
Diplodia paraphysaria
Elsinoe australis
Pestalotia bromellicola
Septobasidium pseudopedicellatum
Uredo oncidii

BRITISH GUIANA:

Cercospora musae

BRITISH HONDURAS:

Phyllachora engleri

CANADA:

Botrytis gladiolorum
Coryneum microstictum
Cronartium ribicola
Cumminsia sanguinea
Fusarium oxysporum f. *gladioli*
Leptosphaeria heterospora
Lophodermium pinastri
Puccinia violae
Verticillium buxi
Volutella buxi

CANAL ZONE:

Catacauma palmicola
Meloidogyne incognita var. *acrita* (?)
Uredo scabiei

CANARY ISLANDS:

Heterodera rostochiensis

CAPE VERDE ISLANDS:

Diplodia theobromae

CEYLON:

Meliola citricola
Xanthomonas citri

CHILE:

Meloidogyne arenaria

CHINA:

Botryosphaeria ribis
Collectotrichum graminicolum
Endoconidiophora adiposa
Gliomastix convoluta
Melanosporea zamiae
Meliola citricola
Memnoniella echinata
Nigrospora sphaerica
Pestalotia lespedezae
Phoma citricarpa
Septoria citri
Xanthomonas citri

COSTA RICA:

Cercospora musae
Macrophoma musae
Microthyriella guianensis
Pestalotia conspicua
Phyllosticta philodendri

CUBA:

Asperisporium caricae
Elsinoe phaseoli
Helminthosporium oryzae
Uredo guacae (?)

DENMARK:

Cercospora anethi
 "Chrysanthemum virus Q"
Contothyrus taburnophilum
Dasyphypha phragmiticola
Fusarium phragmiticola
Heterodera punctata
Heterodera rostochiensis
 "Tomato aspermy virus"

EGYPT:

Leprosia

ENGLAND:

Ceratostomella ips (?)
Chrysomyza rhododendri
Colletotrichum heucherae
Colletotrichum liliacearum
Colletotrichum violae-tricoloris
Contothyrus hellebori
Diplodia eukhododendri
Fusarium oxysporum f. *gladioli*
Gloeosporium araucariae
Hendersonia sarmentorum
Heterodera avenae
Heterodera cacti
Heterodera punctata
Heterodera rostochiensis
Heterodera schachtii
Leptosphaeria heterospora
Leptothyrium gentianicola var. *olivaceum*
Monilinia fructigena
Oospora candidula var. *carpogena*
Puccinia arenariae
Pucciniastrum vacciniorum
Sporocybe tessulata
Sporonema ozyococi
Trochila laurocerasi

ETHIOPIA:

Alternaria porri
Peronospora trifoliorum
Tilletia foetida
Uredo stylosanthi

EUROPE:

Heterodera punctata

FINLAND:

Oospora pustulans

FORMOSA:

Gliomastix convoluta
Melanosporea zamiae
Memnoniella echinata
Stilbum incarnatum
Xanthomonas citri

FRANCE:

Alternaria citri
Botryosphaeria berengeriana var. *aracariae*
Cryptodiaportha salicella
Heterodera cacti
Heterodera punctata
Heterodera rostochiensis
Leptosphaeria heterospora

Countries of Origin and Diseases—Continued

FRANCE—Continued

Monilinia fructigena
Mycosphaerella fragariae
Puccinia smyrnii
Sclerotium cepivorum
Septoria azaleae

FRENCH WEST AFRICA:

Meloidogyne incognita (?)

GERMANY:

Chrysomyza rhododendri
Fusarium oxysporum f. *gladioli*
Heterodera cacti
Heterodera punctata
Heterodera rostochiensis
Meloidogyne hapla
Papulaspora dodgei
Pseudomonas marginata
Ramularia larazaci
Sclerotinia kerneri

GREECE:

Pleospora herbarum
Pseudomonas syringae
Sclerotinia kerneri
Septoria unedonis
Uromyces trifolii

GUAM:

Diplodia coccocarpa
Phomopsis cocoes
Pythium butleri

GUATEMALA:

Gloeosporium piperatum
Macrophoma oncidii
Phyllosticta laeliae
Uredo guacae (?)
Uredo oncidii

HAITI:

Leptosia
Phyllosticta mortoni

HASHEMITE KINGDOM OF JORDAN:

Leptosphaeria heterospora
Macrophoma phaseolina

HAWAII:

Botryosphaeria ribis
Diplodia coccocarpa
Helminthosporium oryzae
Macrophoma cocoes
Macrophoma musae
Melanospora zamiae
Pestalotia palmarum
Phomopsis capsici
Phomopsis cocoes
Sphaceloma fawcettii

HUNGARY:

Chrysomyza rhododendri

INDIA:

Colletotrichum lilacearum
Curcularia lunata
Graphiola borassi
Helminthosporium oryzae
Meloidogyne arenaria
Meloidogyne incognita
Memnoniella echinata
Neocosmospora vasinfecta
Physalospora camptospori
Physalospora orchidearum
Physalospora wildebrandiana
Septoria posekensis
Tritirachium dependens
Xanthomonas citri

INDONESIA:

Nigrospora oryzae

IRELAND:

Discosia artocreas
Heterodera punctata
Heterodera rostochiensis
Ophiostoma narcissi
Phyllosticta hedericola

ISRAEL:

Claviceps purpurea

ITALY:

Cercospora beticola
Colletotrichum agaves
Diaporthe eres

ITALY—Continued

Fusicladium eriobotryae
Leptosphaeria rusci
Lophodermium juniperinum
Mycosphaerella citrullina
Phyllosticta masculiformis
Phytomonas tonelliana
Sclerotium cepivorum
Uromyces betae
Septoria citri

JAPAN:

Alternaria citri
Botrytis elliptica
Botrytis gladiolorum
Cercospora cryptomeriae
Colletotrichum lilacearum
Contothrium olivaceum
Diaporthe eres
Entyloma oryzae
Fusarium graminearum
Gliomasti convoluta
Gymnosporangium haraeaeum
Helminthosporium oryzae
Leptosphaeria citricola
Lophodermium pinastri
Macrophoma phaseolina
Melanospora zamiae
Meliola citricola
Meloidogyne arenaria
Meloidogyne incognita
Meloidogyne incognita var. *acrita*
Meloidogyne javanica
Memnoniella echinata
Mycosphaerella schoenoprasii
Mycosphaerella washingtoniae
Nigrospora sphaerica
Papulaspora coprophila
Pestalotia funerea
Pestalotia guepini
Pestalotia palmarum
Pestalotia peregrina
Pestalotia rhododendri
Phaeosphaeria oryzae
Phoma citricarpa
Phoma gypsophillae
Phomopsis phoenicicola
Phyllosticta caemelliae
Puccinia chrysanthemi
Pyrenochaeta erysiphoides
Pyrenochaeta oryzae
Schizophyllum commune
Scirrhodopsis bambusae
Septoria chrysanthemi
Septoria citri
Sphaceloma fawcettii
Stilbum incarnatum
Thielavia terricola
Trichoderma lignorum
Tritirachium dependens
Uromyces phaseoli var. *typica*
Xanthomonas citri

JAVA:

Nigrospora sphaerica

KENYA:

Cerebella andropogonis

KOREA:

Pestalotia guepini
Sclerotium oryzae

LEBANON:

Puccinia hieracii

MALAYSIA:

Xanthomonas citri

MEXICO:

Albugo portulacae
Alternaria citri
Aschersonia basicystis
Ascochyta sorghina
Botryosphaeria agaves
Botryosphaeria ribis
Cercospora cnthelmintha
Cercospora arachidicola
Cercospora aricola
Cercospora coffeicola

Countries of Origin and Diseases—Continued

MEXICO—Continued

Cercospora cordiae
Cercospora mori
Cercospora musae
Cercospora piperis
Cercospora purpurea
Colletotrichum agaves
Colletotrichum philodendri
Coniothyrium concentricum
Coniothecium citri
Coryneum carpophilum
Cucurbitaria fraxini
Curvularia lunata
Diplodia paraphysaria
Gliomastix convoluta
Gloeocercospora sorghi
Gloeosporium leguminum
Heterodera cacti
Leprosis
Leptosphaeria opuntiae
Leptothyrium pomi
Macrophoma musae
Meloidogyne arenaria
Meloidogyne incognita
Menoniella echinata
Microdiplodia agaves
Monilia fructicola
Mycosphaerella opuntiae
Myriangium duriae
Myrothecium roridum
Omphalia flavida
Panagrolaimus rigidus (?)
Peronospora effusa
Pestalotia conspicua
Pestalotia virgatula
Phoma persicae
Phoma pomorum
Phyllosticta cacti
Phyllosticta cookei
Phyllosticta gaultheriae
Phyllosticta mortoni
Physalospora campiospora
Physalospora orchidearum
Physotherm plurianulatum
Puccinia obtecta
Septoria gladioli
Sphaeloma fawcettii
Sphaeloma punicea
Stagonospora macrospora
Steinphylium botryosum
Tylenchus allii
Tylenchus putrefaciens
Uredo behnickiana
Uromyces striatus var. *medicaginis*

MOZAMBIQUE:

Phoma citricarpa

NATAL:

Phoma citricarpa

NETHERLANDS:

Ascochyta ledi
Botryosphaeria berengeriana
Botrytis gladiolorum
Cercospora handelii
Ceuthospora lunata
Coniothyrium cytisellum
Coniothyrium hellebori
Cryptodiaporthe salicella
Cylindrocarpon mali
Diaporthe cres
Diplodina leucothoes
Fusarium oxysporum
Fusarium oxysporum f. *gladioli*
Fusicladium pyracanthae
Gloeosporium rhododendri
Heterodera avenae
Heterodera punctata
Heterodera rostochiensis
Leptosphaeria heterospora
Meloidogyne hapla
Phomopsis hellebori
Phomopsis stictica
Phyllosticta lentiginis
Phyllosticta mahoniicola
Phyllosticta osmanthicola
 "Peony virus"

NETHERLANDS—Continued

Pestalotia macrotricha
Pestalotia rhododendri
Pestalotia truncata
Pseudomonas marginalis
Ramularia primulae
Sclerotium evonymi
Septoria azaleae
Thielaviopsis basicola
Trochila ilicis
Tubercularia vulgaris
Urocystis colchici
Verticillium buxi

NEW ZEALAND:

Cerebella andropogonis
Colletotrichum liliacearum
Heterodera trifolii
Heterosporium iridis
Leptosphaeria heterospora
Pestalotia guelpini
Phoma iridina
Phyllosticta dracaenae
Septoria citri

NIGERIA:

Sphaelotheca sorghi

NICARAGUA:

Meloidogyne incognita

NORFOLK ISLAND:

Cryptospora longispora

NORWAY:

Fusarium oxysporum f. *narcissi*
Heterodera punctata
Septoria ribis

PALESTINE:

Leptosphaeria heterospora

PALMYRA ISLAND:

Echidnodes coccos

PANAMA:

Leprosis
Septoria citri
Sphenospora kevorkianii

PERU:

Heterodera rostochiensis

PHILIPPINES:

Melanospora zamiae
Meloidogyne incognita var. *acrita*
Phoma citricarpa
Xanthomonas citri

PORTUGAL:

Colletotrichum lini
Cymadothea trifolii
Phragmidium disciflorum
Pseudomonas seminum
Sclerotinia minor

PUERTO RICO:

Cercospora lythracearum
Puccinia urbaniana
Uredo jatrophiicola

SALVADOR:

Trematosphaerella oryzae

SCOTLAND:

Heterodera avenae
Heterodera punctata
Heterodera rostochiensis
Phyllosticta scardoi

SPAIN:

Alternaria citri
Hainesia lythri
Heterodera avenae
Heterodera punctata
Heterodera rostochiensis
Phytophthora parasitica
Pleospora herbarum
Puccinia glumarum
Puccinia graminis var. *tritici*
Septoria citri

SWEDEN:

Albugo tragopogonis
Gymnosporangium juniperi
Heterodera punctata
Heterodera rostochiensis
Monilia fructigena
Phyllosticta violae

*Countries of Origin and Diseases—Continued***SWITZERLAND:**

Chrysomyxa rhododendri
Heterodera cacti
Puccinia arenariae
Puccinia gentianae

TAHITI:

Diplodia coccocarpa
Phomopsis coccos

THAILAND:

Diplodia paraphysaria
Hendersonia importata
Phoma citricarpa
Xanthomonas citri

TRINIDAD:

Diplodia paraphysaria

TURKEY:

Leptosphaeria heterospora
Phleospora pistaciae
Puccinia iridis
Ramularia beticola
Septoria gladioli
Tilletia paradoxa

UNION OF SOUTH AFRICA:

Cercospora protearum
Heterosporium ornithogali
Macrophomina phaseolina
Meloidogyne incognita var. *acrita*
Phoma citricarpa
Puccinia ornithogali-thyrsoides
Sclerotium ornithogali
Septoria citri
Tritirachium dependens

**UNION OF SOVIET SOCIALISTIC
REPUBLICS:**

Selenophoma donacis

UNKNOWN:

Elsinoe australis
Heterodera punctata
Leprosis

URUGUAY:

Elsinoe australis

VENEZUELA:

Pestalotia psidii

UNITED STATES DEPARTMENT OF AGRICULTURE

AGRICULTURAL RESEARCH SERVICE

PLANT QUARANTINE BRANCH

SERVICE AND REGULATORY ANNOUNCEMENTS

LIST OF INTERCEPTED PLANT PESTS, 1953

(List of Pests Recorded from July 1, 1952, through June 30, 1953 as Intercepted in, on, or with Plants and Plant Products Entering United States Territory.)

Compiled by

JUDITH HUNT

Plant Quarantine Aid

INTRODUCTION

This report summarizes the records of insect pests, plant pathogens, and certain other organisms found in, on, or with plants and plant products (1) imported, (2) offered for but refused entry, (3) held as ships' stores, etc., and hence not offered for entry through customs, (4) offered for entry for immediate transportation and exportation in bond, and (5) in domestic shipments between the American Virgin Islands, Hawaii, and Puerto Rico and the mainland. It covers the fortieth year for which interception lists have been issued.

Comprising this list are insects and plant diseases of known or potential plant quarantine importance with a few diseases of particular interest added even though they are rather widely distributed in the United States.

Some collections made late in the year are included in the report for the following year, since determinations cannot be obtained immediately for all of them. Occasionally determinations are delayed for longer periods. The data for this list were obtained from routine reports by personnel of the Plant Quarantine Branch supplemented by information supplied by State and Customs officials. The States of California and Florida maintain staffs of specialists who identify a large proportion of the material collected at their ports. Specialists of the Horticultural Crops Research Branch determine many of the difficult or unusual pathogens collected at the ports.

All scientific names are reviewed by appropriate specialists in the Department to assure conformance to the international rules of nomenclature.

Although every effort is made to give the correct origin for all collections listed, the alleged origin of all host-plant materials cannot be verified. Questionable items are therefore omitted or the origin is listed as unknown.

Since the great increase in air-cargo transportation, a proportionally large number of importations of various plants, plant products, seeds, fruits, rhizomes, corms, and bulbs have arrived rapidly from all parts of the world. The oat nematode is now included with the golden nematode and fruit flies in the category of the more important pests.

INTERCEPTIONS FROM AIR-BORNE MATERIAL

Important plant pests unknown in the United States were intercepted arriving from their native homes where they cause serious damage to agriculture. Some of the most injurious insects, nematodes, and plant diseases intercepted arrived in, on, or with air-borne fruits and plant material. During the year 3,529 interceptions of insects were made in baggage, express, freight, mail, and stores on imported plant parts or as stowaways and 444 interceptions of plant diseases.

Some important insects intercepted in air-borne material were:

Adoxophyes orana on cut flowers of lilac in cargo from Denmark, the Netherlands, and Sweden.

The citrus blackfly (*Aleurocanthus woglumi*) on lime leaf in baggage from Mexico.

Anastrepha fraterculus in guava in baggage from Mexico, in mango in baggage from Nicaragua; *A. ludens* in cherimoya in baggage from Honduras and in orange in baggage and quarters from Mexico; *A. mombinpraeoptans* in guava in baggage from Puerto Rico, in hog plum in baggage from Jamaica, in mangoes in baggage from the Bahamas, Costa Rica, Cuba, Dominican Republic, Guatemala, Haiti, Jamaica, Mexico, Nicaragua, Salvador, and Trinidad, in yellow mombins in baggage from Nicaragua and Salvador; *A. mombinpraeoptans* (?) in guava in baggage from Puerto Rico and in yellow mombin in baggage from Trinidad; *A. serpentina* in sapodilla in baggage from Guatemala; *A. striata* in guavas in baggage from Guatemala and Panama; *A. suspensa* in guavas in baggage and mail from Puerto Rico and in mango in baggage from Cuba.

Caryedon fuscus in golden-shower seed pod in preflight inspection of baggage leaving Hawaii for the mainland.

The Mediterranean fruit fly (*Ceratitidis capitata*) in *Annona* sp. in baggage from the Madeira Islands, in apples in baggage from the Azores and Yugoslavia, in coffee berries in baggage from Brazil, in date in baggage from Lebanon, in guava in baggage from Portugal, in kaki persimmon in baggage from Italy, in loquats in baggage from the Madeira Islands and Portugal, in medlar in baggage from Italy, in orange in baggage from Malta, in orange in stores from an unknown origin, in peaches in baggage from France and Portugal, in peaches in stores from France and Spain, in pear in baggage from Portugal, in persimmon in baggage from Italy, in plum in stores from France, in pricklypear in baggage from Italy, and in quince in baggage from Turkey; *C. capitata* (?) in *Annona* sp. in baggage from the Azores, in apple and fig in baggage from Portugal, in guava in baggage from the Azores, in orange in stores from Israel, and in peach in baggage from Italy.

The Asiatic rice borer (*Chilo simplex*) in rice straw in baggage from Japan.

The banana root borer (*Cosmopolites sordidus*) in banana in baggage from Guadeloupe.

Cylas formicarius var. in sweetpotato in cargo from Thailand.

Dacus caudatus in fruit and seed of *Macrozanonia macrocarpa* in cargo from Indonesia; the Oriental fruit fly (*D. dorsalis*) in avocado, coffee, guava, India almond, and mango in preflight inspection of baggage leaving Hawaii for the mainland, in box of anthuriums in preflight inspection of cargo leaving Hawaii for the mainland; *D. dorsalis* (?) in mango in preflight inspection of baggage leaving Hawaii for the mainland; *D. oleae* in olive in baggage from Italy, Lebanon, Portugal, Spain, and Syria.

Dysdercus flavolimbatus on palm fronds in cargo from Mexico.

Epinotia opposita in string bean in baggage from Mexico.

Ereunetis flavistriata in coconut in preflight inspection of baggage leaving Hawaii for the mainland.

Presumably, the Oriental fruit moth (*Grapholitha molesta*) in peach in baggage from Japan.

A bean pod borer, *Maruca testulalis*, in a lei of mauna loa flowers in preflight inspection of baggage leaving Hawaii for the mainland.

Paraputo taraktogoni on *Curcuma amada* tuber in express from India.

The pink bollworm (*Pectinophora gossypiella*) in cottonseed in express from the American Virgin Islands, in cargo from Italian Somaliland, and in preflight inspection of cottonseed in baggage leaving Hawaii for the mainland, in okra in baggage from Haiti, Trinidad, and Turkey.

Polychrosis botrana in grapes in baggage from Germany and Italy.

Prays oleellus in olive in baggage from Italy.

Rhagoletis cerasi in cherries in baggage from France, Germany, and Italy, in

cherries in stores from France, Italy, the Netherlands, and Portugal; the apple maggot (*R. pomonella*) in apple in stores from Mexico.

The papaya fruit fly (*Toxotrypana curvicauda*) in papaya in baggage from Panama.

Interceptions of air-borne plant pathogens not believed to be established in the United States or of limited distribution were as follows:

Cercospora pini-densiflorae on Japanese white pine in cargo from Japan.

Coniothyrium hellebori on Christmas-rose in cargo from the Netherlands.

Cryptospora longispora on Norfolk-Island-pine in cargo from Australia.

Puccinia horiana on *Chrysanthemum morifolium* and *Chrysanthemum* sp. in baggage from Japan and on *Chrysanthemum* sp. in quarters from Japan; *P. kusanoi* on bamboo leaf in baggage from the Philippines; *P. ornithogalli-thyrsoideis* on chinkerichiee in express from the Union of South Africa.

Urocystis gladiolicola on corms of *Gladiolus tristis* in mail from Ireland.

Uromyces alyziae on alyxia in preflight inspection of baggage and cargo leaving Hawaii for the mainland.

Citrus canker (*Xanthomonas citri*) on lemon in baggage from Truk Islands.

Nematodes were also found in air-borne material as follows:

The oat nematode (*Heterodera avenae*) in soil with narcissus and galanthus bulbs and assorted plants in baggage from Germany, in soil with *Malus* sp. roots in cargo from Italy, in soil with geranium plants in baggage from Sweden, in soil with oleander plants in baggage from Yugoslavia; *H. punctata* in soil with carnation plants in baggage from Austria, in soil with delphinium plants in baggage from England, in soil with a beech tree in baggage from Ireland, in soil with unidentified plants in baggage from Italy; the golden nematode (*H. rostochiensis*) in soil with amaryllis bulbs in baggage from Denmark, in soil with lavender plants in baggage from England, in soil with potatoes in baggage from Germany, in soil with heather in baggage and mail from Scotland, in soil with miniature rose plants in baggage from Scotland.

NOTES ON INSECTS INTERCEPTED

FRUIT FLIES

The following fruit flies were intercepted:

Two adults of *Anastrepha distincta* with cargo shipment of bananas from Panama; *A. fraterculus* in orange in stores from Brazil, in mango in baggage from Mexico and in mango in air baggage from Nicaragua, in guava, peach, and pear in baggage from Mexico; *A. fraterculus* (?) in guava in air baggage from Nicaragua and in sapodilla in baggage from Venezuela; the Mexican fruit fly (*A. ludens*) in avocado, white sapote (*Casimiroa edulis*), citron, and grapefruit in baggage from Mexico, in cherimoya in air baggage from Honduras, in oranges in baggage and stores from Guatemala and Mexico, in oranges in air baggage, air quarters, quarters, and stores from Mexico, in garbage can (host unknown) from Mexico, in mangoes in baggage and stores from Mexico, in peach, pear, pomegranate, quince, sapote, sour orange, and sweet lime in baggage from Mexico; *A. ludens* (?) in orange in air baggage and in orange, pear, and sweet lime in baggage from Mexico; the West Indian fruit fly (*A. mombinpraeoptans*) in cashew nut in cargo from Tortola, in grapefruit in stores from Brazil, in guava in air baggage from Puerto Rico and in guava in baggage from Honduras, in mangoes in air baggage from the Bahamas, Costa Rica, Cuba, Dominican Republic, Guatemala, Haiti, Jamaica, Mexico, Nicaragua, Salvador, and Trinidad, in hog plum in air baggage from Jamaica, in jobo de la India in stores from Guadeloupe, in mangoes in baggage from Dominican Republic, Mexico, and Panama, in mango in mail from Puerto Rico, in mangoes in stores from Honduras, Mexico, and Nicaragua, in mango in quarters from Jamaica, in plum in baggage from Mexico, in purple mombin in cargo from the British Virgin Islands, in rumberry eugenia in cargo from Jost Van Dykes and Tortola, in yellow mombins in air baggage from Nicaragua and Salvador; *A. mombinpraeoptans* (?) in guava in air baggage from Puerto Rico and in yellow mombin in stores from Trinidad; *A. parallela* (?) in grapefruit in stores from Brazil; *A. serpentina* in mamey and mango in baggage from Mexico, in orange in stores from Brazil, in sapodilla in air baggage from Guatemala, and in sapodilla in baggage from Trinidad; *A. striata* in guavas in air baggage from Guatemala and Panama; *A. suspensa* in grapefruit in stores from Trinidad, in mango in air baggage from Cuba, in guavas in air baggage and air mail from Puerto Rico, and in guavas in baggage from Cuba and Mexico.

The Mediterranean fruit fly (*Ceratitidis capitata*) in *Annona* sp. in air baggage from the Madeira Islands. in apples in air baggage from the Azores and Yugo-

slavia, in apple in baggage from Italy, in coffee berries in air baggage from Brazil and in coffee berries in baggage from Hawaii, in date in air baggage from Lebanon, in fig in mail from France, in grapefruit in stores from Egypt, in guava in air baggage from Portugal, in kaki persimmon in air baggage from Italy, in lemon in baggage from Italy, in loquats in air baggage from the Madeira Islands and Portugal, in Mandarin oranges in baggage and cargo from Italy, in medlar in air baggage from Italy, in orange in air baggage from Malta, in orange in baggage from Italy, in oranges in quarters from Italy and Spain, in orange in air stores from an unknown origin, in oranges in stores from Brazil, Italy, and Morocco, in peaches in air baggage from France and Portugal, in peaches in air stores from France and Spain, in pear in air baggage from Portugal, in pear in baggage from Italy, in persimmon in air baggage from Italy, in plum in air stores from France, in prickly-pear in air baggage and baggage from Italy, in quince in air baggage from Turkey, in quince in baggage from Greece and Italy, in strawberry guava in mail from the Azores; *C. capitata* (?) in *Annona* sp. in air baggage from the Azores, in apples in air baggage from the Azores and Portugal, in apple in baggage from the Union of South Africa, in coffee berries in air baggage from Brazil and in coffee berries in baggage from Hawaii, in fig in air baggage from Portugal, in grapefruit in stores from Italy, Mozambique, and the Union of South Africa, in guava in air baggage from the Azores, in loquat in mail from the Azores, in Mandarin orange in baggage from Israel, in orange in baggage from Malta, in orange in air stores from Israel, in oranges in stores from Italy, Morocco, Spain, and an unknown origin, in peaches in air baggage and baggage from Italy, in peach in stores from the Union of South Africa, in pear in baggage from Italy, in pepper in stores from Hawaii, in persimmon, pomegranate, and quince in baggage from Italy.

Dacus caudatus in *Macrozanonia macrocarpa* in air cargo from Indonesia; the melon fly (*D. curcurbitae*) in balsam-pear in baggage from the Philippines, in cucumber, pepper, squash, and tomato in stores from Hawaii, in pumpkin in cargo from Hawaii; the Oriental fruit fly (*D. dorsalis*) in avocado in air baggage, mail, and stores from Hawaii, in coffee berries, guava, and India almond in preflight inspection of baggage leaving Hawaii for the mainland, in a box of anthuriums in preflight inspection of cargo leaving Hawaii for the mainland, in guava in baggage and quarters from Hawaii, in mango in preflight inspection of mail leaving Hawaii for the mainland, in tomato in stores from Hawaii, 2 adults in an airplane leaving Hawaii for the mainland; *D. dorsalis* (?) in mango in preflight inspection of baggage leaving Hawaii for the mainland; *D. oleae* in olives in air baggage from Italy, Lebanon, Portugal, Spain, and Syria, in olive in baggage and mail from Italy.

Rhagoletis cerasi in cherries in air baggage from France, Italy, and Germany, in cherries in air stores from France, Italy, the Netherlands, and Portugal; *R. cerasi* (?) in cherry in air baggage from Italy, *R. pomonella* in apples in baggage and air stores from Mexico, in thornapple in baggage from Mexico; *R. pomonella* (?) in apple in baggage from Mexico.

The papaya fruit fly (*Toxotrypana curvicauda*) in papaya in air baggage from Panama, in papaya in cargo from Mexico, and in papaya in stores from Trinidad.

INSECTS OTHER THAN FRUIT FLIES

The following miscellaneous insects of interest were intercepted:

Acrolepia assectella (Hyponomeutidae) in garlic in stores from France.

The citrus blackfly (*Aleurocanthus woglumi*) on leaves of *Citrus* sp. in baggage, cargo, and stores from Mexico, on coffee leaf, grapefruit leaf, leaf of Mandarin orange, orange leaf, and sweet lime leaf in baggage from Mexico and on sour lime leaves in cargo and stores from Mexico.

A curculionid, *Anthonomus rectirostris*, with seed of *Prunus serrulata lannesiana* in mail from Japan.

Antonina graminis (Coccidae) on Bermuda grass in mail from Mexico.

Three curculionids, *Apion aenum* and *A. radiolus* in hollyhock mallow in baggage from Italy and *A. carduorum* in globe artichoke in stores from France and Italy.

Brachycerus albidentatus (Curculionidae) in garlic in baggage and cargo from Italy and *B. algirus* in garlic in cargo from Italy and Spain.

Abruchid, *Bruchus luteicornis*, in vetch seed in cargo from France.

An olethreutid, *Cryptophlebia leucotreta*, in grapefruit and orange in stores from Belgian Congo and the Union of South Africa and in pummelo in quarters and stores from the Union of South Africa.

Cylas formicarius (Curculionidae) in sweetpotatoes in cargo and air stores from India and in sweetpotato in stores from the Straits Settlements; *C. formicarius* var. in sweetpotato in air cargo from Thailand.

A curculionid, *Diaprepes famelicus* var., on cut flowers of hibiscus and lilies in baggage from Bermuda.

Dyspessa ulula (Cossidae) in garlic in cargo from Italy and Spain.

A bean pod borer, *Epinotia opposita*, in string beans in baggage, cargo, and stores from Mexico and in string beans in stores from Peru and Uruguay.

A gelechiid, *Gnorimoschema borsaniella* (?) in pepper in stores from Brazil.

A phalaenid, *Gortyna flavago*, in cardoon in cargo from Italy.

Gymnandrosoma aurantianum (Olethreutidae) in orange in stores from Brazil.

Leucinodes orbonalis (Pyraustidae) in eggplant in stores from the Cape Verde Islands.

A curculionid, *Lixus junci*, in beet in stores from Egypt.

Phyllotreta consobrina (Chrysomelidae) and *P. undulata* in cabbage in stores from France; *P. nigripes* in watercress in air stores from France.

Polychrosis botrana (Olethreutidae) in grapes in air baggage from Germany and Italy.

Prays oleellus (Hyponomeutidae) in olive in air baggage from Italy.

A chrysomelid, *Psylliodes chrysocephala*, in turnip in stores from France.

Rhynchaenus populi (Curculionidae) on lilac in cargo from the Netherlands.

A pentatomid, *Scotinophora lurida*, with rice straw packing in cargo from Japan.

Sesamia cretica (Phalaenidae) in broomcorn in cargo from France, Greece, Italy, and Turkey.

Stenoma catenifer (Stenomidae) in avocado seed in air baggage, baggage, quarters, and stores from Mexico.

A scolytid, *Stephanoderes hampei*, in coffee in mail from Belgian Congo, Brazil, and an unknown origin.

Tortrix excessana (Tortricidae) and *T. postvittana* in apples in cargo from New Zealand.

Vinsonia stellifera (Coccidae) on *Broughtonia* sp. in air cargo from Jamaica, on *Garcinia* sp. in mail from the Canal Zone, and on several different orchids, all for propagation, from the Canal Zone, Jamaica, Panama, Trinidad, and Venezuela.

SNAILS

The giant African snail (*Achatina fulica*) continues to be intercepted with scrap metal and returned war equipment from the South Pacific. Five interceptions were made at San Francisco, Calif., on returned war equipment from Guam, the Philippines, and Saipan, 5 at San Pedro, Calif., on scrap metal and returned war equipment from Guam, and one at Houston, Tex., on scrap army vehicles from Guam or Saipan.

Other injurious snails intercepted and not known to be established in some states were:

Bradybaena similaris with *Anthurium* sp. flowers and tree fern block in preflight inspection of baggage leaving Hawaii for the mainland, with ti leaves during preflight inspection of cargo leaving Hawaii for the mainland and with *Billbergia* sp., fern chips, and *Heliconia* sp. blossoms during preflight inspection of mail leaving Hawaii for the mainland; at Philadelphia, Pa., with celery in stores from Lebanon.

Deroceras reticulatum at Boston, Mass., with cabbage in stores from England, with a stalk of fennel in stores from Belgium and in soil with assorted plants in air baggage from the Azores; at Honolulu, Hawaii with *Cymbidium* sp., an orchid, in air cargo from Australia, with unknown leaves in air baggage from Japan, with lettuce in air quarters from the Philippines; at New York, N. Y., with lettuce in stores from Portugal; at Miami, Fla., with Araceae plants in air baggage from Costa Rica; at New Orleans, La., with cabbage in stores from Spain; at Philadelphia, Pa., with celery in stores from the Netherlands and with cabbage in stores from Italy, New Zealand, and Spain.

Helix aspersa with cut flowers during preflight inspection of baggage leaving Hawaii for the mainland; at Nogales, Ariz., with agave plants in baggage from Mexico.

Limax marginatus at Honolulu, Hawaii with *Chaenomeles* sp. in air baggage from Japan and with cabbage in stores from Spain; *L. maximus* at Philadelphia, Pa., with cabbage in stores from Italy.

Monacha obstructa, not in the United States and probably injurious, at San Pedro, Calif., with vegetables in stores from Lebanon (?).

NOTES ON DISEASES INTERCEPTED

Japan continues to be the origin of the greatest number of interceptions (120) of citrus canker (*Xanthomonas citri*), 74 of which were on oranges, 19 on lemons, 10 on grapefruit, 6 on Mandarin oranges, 3 each on sour oranges and *Citrus* sp., 2 each on pummelo and *Citrus aurantium* var., and 1 on sour lime. Eleven interceptions came from China, 3 on Mandarin oranges and 8 on oranges. India contributed 4 interceptions, all on sour limes. Korrer Island had 2 interceptions, 1 on lime and the other one on orange. Two interceptions on oranges arrived from unknown origin. One came from Ceylon on sour lime, 1 on lemon from Truk Islands, 1 on lemon peel from the Philippines, 1 on orange peel from Saipan, and 1 on lime from the Marianas.

"Cancrosis B" (*Xanthomonas* sp. (?)), another bacterial disease of citrus producing symptoms similar to citrus canker, was intercepted 4 times on lemon in stores from Argentina.

Chrysomyxa rhododendri, a spruce and rhododendron rust, was intercepted 13 times on *Rhododendron ferrugineum* from Switzerland and once from Austria, twice on *Rhododendron* sp. from Switzerland, and once on *R. azaleodendron* from England.

The sweet orange fruit scab (*Elsinoe australis*) was intercepted 107 times. Of these interceptions 42 were from Argentina, 57 from Brazil, 1 from Paraguay, and 7 from Uruguay, on lemon, Mandarin orange, orange, sour lime, and sour orange.

Other interceptions were:

Cercospora angreii on *Odontioda madeline*, an orchid, in cargo from Belgium; *C. handelii* on rhododendron in cargo from Belgium and the Netherlands; *C. pinidensiflorum* on Japanese white pine in air cargo from Japan; *C. rhododendri* on rhododendron in cargo from the Netherlands.

Coleosporium bletiae on *Phajus wallichii*, an orchid, in mail from India.

Coniothyrium cytisellum on *Laburnum watereri* and *Laburnum* sp. in cargo from the Netherlands; *C. hellebori* on *Helleborus lividus* in cargo from England, on *H. niger* in mail from England, and on *Helleborus* spp. in cargo and air cargo from the Netherlands; *C. viburni* on *Viburnum burkwoodi* in cargo from the Netherlands.

Cryptospora longispora on Norfolk-Island-pine in air cargo from Australia.

Gymnosporangium haraceanum on Chinese juniper in cargo and mail from Japan and on juniper in air baggage from Japan; *G. sabiniae* on *Juniperus chinensis* pfitzeriana in cargo from Germany; *G. yamadai* on apple in stores from Japan.

Macrophomina phaseolina on gladiolus in cargo from Japan, on iris rhizome in mail from Turkey, and on *Ixia* spp. in mail from the Union of South Africa.

Ochropsora kraunhiae on wisteria leaf in baggage from Japan.

Phakopsora desmii on cotton leaf in baggage from the Dominican Republic.

Physalosporina sutherlandiae on *Sutherlandia frutescens* in mail from the Union of South Africa.

Puccinia aeluropi on stem and leaf of *Aeluropus* sp. in mail from Turkey; *P. horiana* on *Chrysanthemum morifolium* and *Chrysanthemum* sp. in air baggage and air quarters from Japan; *P. kalchbrenneriana* on chinkerichee in mail from the Union of South Africa; *P. kusanoi* on leaf of *Bambusa* sp. in air baggage from the Philippines; *P. longicornis* on bamboo leaf in baggage from China; *P. ornithogalithyroides* on chinkerichee in air express and mail from the Union of South Africa; *P. tetragonia* var. *austroafricana* on *Tetragonia arbuscula* in mail from the Union of South Africa; *P. vagans* on *Epilobium* sp. leaf in mail from Turkey.

Sphaceloma fawcetti var. *scabiosa* on lemon in stores from Australia and in quarters from New Zealand.

Thecopora areolata on Norway spruce in baggage from Norway.

Urocystis gladiolicola on corms of *Gladiolus tristis* in air mail from Ireland.

Uromyces alyxiae on alyxia in air baggage and air cargo from Hawaii; *U. mulini* on seed pod of *Mulina* sp. in mail from Argentina.

The golden nematode (*Heterodera rostochiensis*) was intercepted in soil associated with potatoes as well as with various materials other than its normal hosts. Among these were used burlap bagging, yam roots, and unauthorized plants with soil about their roots. It was also found in soil collected from railway cars used to haul potatoes in Mexico, which represented the first evidence of its occurrence in that country. It was taken 35 times from England, 25 times from Scotland, 9 times from Germany, 4 times from Denmark, 3 times from Mexico, twice each from Ireland, the Netherlands, and Peru, and once each from Austria, France, Luxembourg, and Wales.

The oat nematode (*Heterodera avenae*) which is causing considerable damage to cereals and oats in Europe was intercepted in soil with various lots of unauthorized plant material, with vegetables in ships' stores, in sand used as ballast, and in

soil with bagging. Of these interceptions 8 were from England, 7 from Germany, 6 from Scotland, 4 each from France and Spain, 3 each from Italy and the Netherlands, 2 from Mexico, and one each from Belgium, Gibraltar (?), Ireland, Sweden, Union of South Africa, Wales (?), and Yugoslavia.

INCOMPLETELY DETERMINED PESTS

In certain instances a complete determination as to species of nematodes, insects, and fungi is impossible, either due to the condition of the material on arrival, or because the pests belong to genera new to the host or new to the country of origin. Some such pests may be of economic importance and new or hitherto unknown to the United States.

INSECTS

Among the incompletely determined insects were the following fruit flies:

Anastrepha sp., possibly *fraterculus*, at Houston, Tex., and at Philadelphia, Pa., in grapefruit in stores from Argentina; at New Orleans, La., in orange in stores from Argentina; at New York, N. Y., in oranges in stores from Argentina and Brazil; at Seattle, Wash., in *Spondias* sp. in air mail from Nicaragua; *Anastrepha* sp., probably *ludens*, at Brownsville, Tex., in orange and sweet lime in baggage from Mexico; at Eagle Pass, Tex., in orange in baggage from Mexico; at El Paso, Tex., in mango, orange, and sapote in baggage from Mexico; at Galveston, Tex., and Houston, Tex., in oranges in quarters from Mexico; at Laredo, Tex., in orange, peach, and pear in baggage from Mexico; *Anastrepha* sp., probably *mombin-praeoptans*, at Brownsville, Tex., in mango in baggage from Mexico; at Laredo, Tex., in guava in baggage from Mexico; at Mobile, Ala., in mango in stores from Honduras; at New Orleans, La., in mango in baggage from either Cuba or Salvador; at New York, N. Y., in mango in baggage from an unknown origin and in *Spondias* sp. in stores from Brazil; *Anastrepha* sp., probably *serpentina*, at Brownsville, Tex., in mamey in baggage from Mexico; *Anastrepha* sp., probably *suspensa*, at Hidalgo, Tex., in guava in baggage from Mexico.

Anastrepha sp., at Baltimore, Md., in oranges in stores from Brazil and Trinidad; at Brownsville, Tex., in a box car from Mexico and in apple, mango, and orange in baggage from Mexico; at El Paso, Tex., in mango in air baggage from Mexico; at Laredo, Tex., in guava in cargo from Mexico and in mango, peach, and pear in baggage from Mexico; at Miami, Fla., in mangoes in air baggage from Colombia, Costa Rica, Honduras, and Salvador, in mango in baggage from Peru, in pear in air baggage from Peru, and in tree seed in air baggage from Cuba; at New Orleans, La., in *Inga* sp. (?) in air baggage from Salvador and in passionflower in air baggage from Nicaragua; at New York, N. Y., in allspice and mangoes in air baggage from Jamaica and Puerto Rico and in orange in air stores from Argentina; at Nogales, Ariz., in mango in baggage from Mexico; at Port Arthur, Tex., in orange in quarters from Mexico; at San Juan, P. R., in mango in preflight inspection of baggage leaving Puerto Rico for the mainland; at San Pedro, Calif., in guava in air baggage from Salvador and in yellow mombin in air baggage from Guatemala; at Tampa, Fla., in orange in air baggage from Guatemala.

Dacus sp., probably *cucurbitae*, at Houston, Tex., in tomato in stores from Hawaii; *Dacus* sp., probably *oleae*, at New York, N. Y., in olive in baggage from Italy; *Dacus* sp. at Washington, D. C., in mango in airplane garbage from Thailand.

Rhagoletis sp., probably *cerasi*, at Boston, Mass., in plum in air stores from Portugal.

Tephritis sp. (Tephritidae) at New York, N. Y., in compositae flower seed in mail from Italy.

Thirty-six interceptions which could be identified to family only (Tephritidae) were intercepted at National Airport, Arlington, Va., in apple in stores from Iceland; at Baltimore, Md., in grapefruit in stores from the Union of South Africa; at Boston, Mass., in fig and *Tuber* sp. (truffle) in air baggage from Italy and in peach in air stores from Portugal; at Eagle Pass, Tex., in mango in baggage from Mexico; at Galveston, Tex., in apple in garbage can from Japan and in basket with apples in stores from Peru, in orange in stores from Peru, in orange in quarters from the Union of South Africa, and in squash in stores from Egypt; at Houston, Tex., in pummelo in quarters from the Union of South Africa; at Honolulu, Hawaii in mango and *Passiflora* sp. in preflight inspection of baggage leaving Hawaii for the mainland; at Honolulu, Hawaii on straw flower in air baggage from the Philippines, in coffee berry in preflight inspection of baggage leaving Hawaii for the mainland, in papaya in air stores from Fiji, in coffee berry in preflight

inspection of mail leaving Hawaii for the mainland; at Miami, Fla., in seeds of an unknown fruit in air mail from India; at New Orleans, La., in orange in stores from Argentina; at New York, N. Y., in apples in air stores from Germany and Mexico, in coffee berry in air baggage from Brazil, in grape in cargo from the Union of South Africa, in *Passiflora* sp., in air baggage from Brazil, in pepper in stores from the Straits Settlements, and in persimmon in baggage from Italy; at Norfolk, Va., (one pupa) in soil with carrots in stores from the Netherlands; at Philadelphia, Pa., with compositae cut flowers in furnishings from Cuba, in orange in stores from Argentina, in orange in quarters from Sierra Leone, and in pepper in stores from the Union of South Africa; at San Francisco, Calif., in cucumber in stores from Hawaii and in *Passiflora* sp. in quarters from Hawaii; at San Juan, P. R., in apple in baggage from Spain; at Washington, D. C., in *Crataegus monogyna* in mail from Turkey.

Other incompletely determined insects worthy of mention were:

Adoxoplatus (Pentatomidae), new species, at Laredo, Tex., with an orchid plant in cargo from Mexico.

An aleyrodid, *Aleurodicinae*, new genus near *Aleurodicus*, at Laredo, Tex., on *Laelia* sp., an orchid, in cargo from Mexico.

Andaspis (Coccidae), new species, at San Francisco, Calif., on hibiscus in air freight from New Guinea.

Aphthona sp., probably *ovata* Foudr. (Chrysomelidae), at New York, N. Y., on lilac and viburnum in air cargo from the Netherlands.

Autoserica sp. (Scarabaeidae) at Seattle, Wash., in soil around juniper plants in baggage from Japan; at San Pedro, Calif., in soil with plants in baggage from Japan; and at Honolulu, Hawaii, in soil with bamboo plants in air baggage from Japan.

Baris sp. (Curculionidae) at Philadelphia, Pa., in beet in stores from France (?), at Brownsville, Tex., with gladiolus in air cargo from Mexico and in turnip in stores from Belgium.

Blastodacna sp., may be *atra* Haw. (Blastodacnidae), at New York, N. Y., in apple in mail from Germany.

Brachyrhinus sp. (Curculionidae) at Hoboken, N. J., in packing with rhododendron plants in cargo from the Netherlands; at Houston, Tex., in dahlia stalk in baggage from the Netherlands; at New York, N. Y., in roots of a cyclamen plant in baggage from the Netherlands; and at Seattle, Wash., in soil with *Chamaecyparis* sp. in express from the Netherlands.

Carposina sp., may be *schirrhosella* (H.-S.) (Carposinidae), at Washington, D. C. in rose hips in mail from Turkey.

A coccid, *Chrysomphalus* sp., close to *tenax* McKenzie, but distinct and not placed yet as anything described, at San Pedro, Calif., on bark of avocado in express and mail from Guatemala.

Cladius sp., probably *difformis* (Panz.) (Tenthredinidae), at Hoboken, N. J., on rose in mail from England and at New York, N. Y., on rose in air baggage from England.

Cleonus sp. (Curculionidae) at New York, N. Y., in carrot in stores from Italy.

Epicaerus sp. (Curculionidae) at Brownsville, Tex., in potatoes in baggage and stores from Mexico; at Galveston, Tex., Houston, Tex., Mobile, Ala., New Orleans, La., and New York, N. Y., in potatoes in stores from Mexico.

A phalaenid, *Eublemma* sp., probably *anticalis* (Wlk.), at Washington, D. C., on stem of *Asparagus falcatus* in express from Natal, Africa.

Fessonia sp. (Smaridiidae) at New York, N. Y., on yam root in air cargo from the Union of South Africa. This represents the first specimen in the Museum Collection from the Union of South Africa.

A gelechiid at Nogales, Ariz., in fiber of *Populus* sp., in mail from Mexico. "A most interesting species (lies between *Pectinophora* and *Platyedra*) and probably represents a new genus * * *. The species of this group usually feed in Malvaceae so your species is the more interesting because of its departure from this habit."

Gnorimoschema sp., near or = *ocellatella* Boyd, at New York, N. Y., and Norfolk, Va., in beets in stores from Egypt and at Philadelphia, Pa., in beets in stores from Egypt, France, and Italy.

Heilipus sp., probably *lauri* Boh., at El Paso, Tex., in avocado seed in air express from Mexico.

Laspeyresia sp., near or = *strobilella* (L.) (Olethreutidae), at Boston, Mass., in Norway spruce in mail from Germany.

Lecanium sp., may be *kunoensis* Kuw. (Coccidae), at San Diego, Calif., on a dwarf tree of *Pyrus* sp. in baggage from Japan.

Lixus sp. (Curculionidae) at Boston, Mass. and Galveston, Tex., in beetles in stores from Egypt; at Laredo, Tex., in cactus plant in mail from Mexico; and at Philadelphia, Pa., in beetles in stores from France and Italy.

Lorryia (Tydeidae), a new species, at Miami, Fla., on leaf and bark of *Citrus* sp. in air baggage from Argentina.

An otitid, "an extremely unusual larva", at New York, N. Y., in mango in baggage from Trinidad.

Parlatoria sp. (Coccidae), "apparently not identical with anything yet described", at Washington, D. C., on mango budwood in air express from India.

Phytomyza sp., possibly *atricornis* Mg., at Philadelphia, Pa. in parsnip in stores from Italy.

Platypus sp., probably *rugulosus* Chap. (Platypodidae), at Baltimore, Md., in mahogany log in cargo from Gold Coast, Africa.

Prodecatoma (Eurytomidae), new species, at Washington, D. C., with grape seed in mail from Colombia.

A curculionid, *Premnotrypes* sp., at Galveston, Tex., in potatoes in stores from Colombia and Peru; at New York, N. Y., in potatoes in air baggage and stores from Colombia; at Philadelphia, Pa., in potato in stores from Peru; and at Port Arthur, Tex., in potato in stores from Ecuador.

A coccid, *Pseudantonina* sp., or a related genus and probably undescribed, at Washington, D. C., on *Eragrostis neesii* plant in mail from Brazil.

Psylliodes sp. (Chrysomelidae) at Galveston, Tex., in cabbage and cauliflower in stores from England; at Philadelphia, Pa., in cabbage in stores from Japan; at Galveston, Tex., in rutabaga in stores from Ireland; at Philadelphia, Pa., in rutabaga in stores from England; at New York, N. Y., in radish in stores from Belgium (?) and in turnip in stores from France; at Galveston, Tex., in turnips in stores from Denmark, England, France, and Mozambique; at Houston, Tex., in turnips in stores from England, France, Greece, and Italy; at Mobile, Ala., in turnips in stores from England and Italy; at New Orleans, La., in turnip in stores from Germany; at Norfolk, Va., in turnip in stores from England; at Philadelphia, Pa., in turnips in stores from Egypt and England; and at San Francisco, Calif., in turnip in stores from England.

Rhynchites sp. (Curculionidae) at New York, N. Y., in cherry in air baggage from Lebanon.

Serica sp. (Scarabaeidae) at San Francisco, Calif., in soil with iris roots in mail from Japan.

Sesamia sp., near or = *vuteria* (Stoll) (Phalaenidae), at New York, N. Y., in corn in baggage from Portugal.

Stenoma sp., probably *catenifer* Wlsm. (Stenomidae), in avocado seed in air baggage from Salvador.

A mirid, Termatophylinae, new genus and new species, at Laredo, Tex., on Bromeliad plant in mail from British Honduras.

Thrips sp., probably *robustus* Pr. (Thripidae), at Portland, Oreg., on stemless gentian in mail from Switzerland.

Xyleborus spp. (Scolytidae) at Baltimore, Md., in *Khaya* sp. log in cargo from Gold Coast, Africa.

There were 2,304 interceptions distributed among 593 genera, which could be identified to genus only.

DISEASES

Suspected pathogens, some probably new to this country, determined to genus only were:

Ascochyta sp. at Honolulu, Hawaii, on scarlet ixora in air cargo from Australia; at Boston, Mass., on alfalfa in cargo from Kenya, Africa; at Brownsville, Tex., on palm frond in air cargo from Mexico and at San Francisco, Calif., on eggplant in stores from Japan.

Camarosporium sp. at El Paso, Tex., on cactus plant in baggage from Mexico; at Honolulu, Hawaii, on lemon in air baggage from Australia, at Brownsville, Tex., on *Laelia gouldiana*, an orchid, in air cargo from Mexico.

Ceratosphaeria sp. at Brownsville, Tex., on *Odontoglossum insleayi*, an orchid, in air cargo from Mexico.

Ceratostomella sp. at Hoboken, N. J., on *Dendrobium heterocarpum*, an orchid, in mail from India; at Philadelphia, Pa., on *Inga laurina* in air baggage from Puerto Rico.

Cercospora sp. at Brownsville, Tex., on palm frond in air cargo from Mexico; at Philadelphia, Pa., on pine in mail from Germany.

Cladosporium sp., close to *miyakei* Sacc. & Trotter, at San Juan, P. R., on rice straw in mail from Greece.

Claviceps sp., close to *inconspicua* Langdon, at Washington, D. C., on *Hyparrhenia lintonii* in mail from Kenya, Africa; *Claviceps* sp., probably *inconspicua* Langdon; at Washington, D. C., on *Hyparrhenia* sp. in mail from Madagascar.

Coleosporium sp. at Buffalo, N. Y., on pine needles in baggage from Canada.

Colletotrichum sp. at Laredo, Tex., on philodendron in cargo from Mexico.

Coniothyrium sp., probably *fuckelii* Sacc., at Miami, Fla., on citrus stem in baggage from Argentina; *Coniothyrium* sp., probably *stanhopeae* P. Henn., on *Cattleya citrina*, an orchid, in mail from Mexico; *Coniothyrium* sp. at El Paso, Tex., on avocado in baggage from Mexico; at San Francisco, Calif., on coconut in stores from the Philippines; at San Diego, Calif., on coconut in baggage from Panama; at Baltimore, Md., on lemon in stores from the Union of South Africa; at Hoboken, N. J., on *Nidularium* sp. in cargo from France; at Honolulu, Hawaii, on *Notospartium carmicheliae* in air cargo from New Zealand; at Philadelphia, Pa., on pineapple in quarters from Sierra Leone; at Seattle, Wash., on rhododendron leaf in baggage from Canada; at San Pedro, Calif., on rice seed in air baggage from Nicaragua.

Curvularia sp., probably *lunata* (Pat.) Howell, at Brownsville, Tex., on pineapple in cargo from Mexico; *Curvularia* sp. at Brownsville, Tex., on pineapple in cargo from Mexico.

Cyphella sp., suggests *hydrocyphella* Pilat, at Brownsville, Tex., on banana in cargo from Guatemala.

Dothiorella sp. at New York, N. Y., on orange in baggage from Japan.

Endoconidiophora sp., close to *fimbriata* (Ell. & Halst.) Davidson or *paradoxa* Dade, at New Orleans, La., on malanga in stores from Cuba.

Hypoderma sp. at Philadelphia, Pa., on arborvitae twig in stores from Japan.

Leprosis at Honolulu, Hawaii, on Mandarin orange in air baggage from Japan; at Laredo, Tex., on orange in baggage from Mexico.

Libertiella sp. at Miami, Fla., on citrus stem in baggage from Argentina.

Mycosphaerella sp. at Honolulu, Hawaii on scarlet ixora in air cargo from Australia; at Honolulu, Hawaii on *Piper methysticum* in air baggage from the Philippines; at San Francisco, Calif., on tree peony in mail from Japan.

Ophiobolus sp. at San Francisco, Calif., on coconut in baggage from Hawaii, in mail from Samoa, and in quarters from the Philippines.

Parodiella sp., probably *grammodes* (Kunze) Cke., at Washington, D. C., on *Antheophora pubescens* in mail from Transvaal.

Pestalotia sp. at San Antonio, Tex., on *Chamaedorea* sp. in air cargo from Mexico; at Laredo, Tex., on philodendron in cargo from Mexico.

Phragmocarpella sp. at Honolulu, Hawaii, on *Eucalyptus* sp. in baggage from Japan.

Phyllosticta sp. at Honolulu, Hawaii, on *Myrtus bullata* in air cargo from New Zealand and on scarlet ixora in air cargo from Australia.

Phyllostictina sp. at Seattle, Wash., on *Areca alicae* in mail from the Canal Zone; at Laredo, Tex., on *Beaucarnea* sp. in cargo from Mexico; at San Francisco, Calif., on *Coelogyne* sp., an orchid, in mail from the Philippines; at San Francisco, Calif., on dracena leaf in baggage from Hawaii; at Philadelphia, Pa., on *Eurya japonica* leaf in furnishings from Japan; at Laredo, Tex., on green pepper in cargo from Mexico.

Phytophthora sp. at Hoboken, N. J., on *Cattleya* sp., an orchid, in cargo from Venezuela; at New York, N. Y., on orange in stores from Italy.

Platypeltella sp. at El Paso, Tex., on palm in baggage from Mexico.

Puccinia sp., new species, at Boston, Mass., on bamboo leaf in mail from China.

Pyrenochaeta sp. at Washington, D. C., on *Sutherlandia frutescens* in mail from the Union of South Africa.

Sclerotium sp. at Seattle, Wash., on *Lithospermum* sp. in mail from England; at Seattle, Wash., on *Magnolia* sp. and rhododendron in cargo from the Netherlands; at Seattle, Wash., on tree peony in cargo from France.

Scolecopeltidium sp. at Laredo, Tex., on *Epidendrum* sp., an orchid, in cargo from Mexico.

Septoria sp. at Washington, D. C., on *Jacquinia pungens* in mail from Mexico.

Stemphylium sp. at Brownsville, Tex., on gladiolus in air cargo from Mexico; at Houston, Tex., on gladiolus in air baggage from Mexico.

Ustilago sp., probably *sphaerogena* Burr., on *Echinochloa crusgalli* seed in mail from Madagascar.

Verticillium sp. at Brownsville, Tex., on papaya in stores from Mexico.

Incompletely determined nematodes worthy of mention were:

Anguina sp. at Washington, D. C., in *Calamagrostis longearistata* (grass) in

mail from Brazil and in *Ehrharta calycina* in mail from the Union of South Africa. *Aphelenchus* sp., undescribed, at Hoboken, N. J., in roots of *Helleborus* sp. in air cargo from the Netherlands.

Chiloplacus, new species, at Hoboken, N. J., in *Helleborus* sp. in cargo from the Netherlands.

Ditylenchus, new species, at Hoboken, N. J., in *Colchicum* sp. (corm) in mail from England—an interesting form but not the species usually found in colchicum. *Ditylenchus* sp., at El Paso, Tex., in garlic in cargo from Mexico; at Hoboken, N. J., in giant autumn-crocus and *Kniphofia* sp. in cargo from the Netherlands and in iris bulbs in mail from England.

Helicotylenchus sp. at San Juan, P. R., in soil with roots of mango trees in air cargo from Martinique, in soil with *Ixora decora* and other plants in air cargo from Honduras, and in soil with orchid plants in air baggage from Trinidad.

Heterodera sp. was intercepted 404 times at 16 different ports in soil with bagging, in soil attached to army vehicles, soil used as ballast, in soil with surplus army motor transmission, in soil with plants for propagation, in soil with vegetables in ships' stores, and in soil with plants in baggage and cargo—some coming in by air. Interceptions were made from soil on material coming from the following countries: Argentina, Australia, Austria, Azores, Belgium, Chile, Denmark, Egypt, England, Finland, France, Germany, Greece, Ireland, Israel, Italy, Japan, Lebanon, Luxembourg, Mexico, the Netherlands, New Zealand, Norway, Portugal, Scotland, Spain, Sweden, Switzerland, Trinidad, Union of South Africa, and Yugoslavia.

What appears to be a new species of *Meloidogyne*, closely related to *M. exigua* Goeldi, at Hoboken, N. J., in roots of *Sedum praealtum* in baggage from Guatemala; *Meloidogyne*, some resemblance to *M. hapla* Chitwood, but obviously a new species, at Philadelphia, Pa., in potato in stores from Cuba; *Meloidogyne*, possibly a new species, related to *M. incognita* (Kofoid & White) Chitwood, at Boston, Mass., in potato in stores from Chile; *Meloidogyne* sp., of the *incognita* group but a new form, in roots of *Synadenium* sp. in mail from the Union of South Africa; *Meloidogyne*, possibly a new species, resembling somewhat *M. javanica* (Treub.) Chitwood, at Philadelphia, Pa., in potato in stores from Brazil.

Nemonchus sp. at San Juan, P. R., in soil with tree roots of mango in air cargo from Martinique.

Neotylenchus, possibly a new species, on fungi on *Malus* root in cargo from the Netherlands.

Paraphelenchus sp. at Philadelphia, Pa., in taro in stores from Japan.

Paratylenchus sp. at Hoboken, N. J., in root of delphinium in air cargo from the Netherlands.

Tetylenchus, new species, at Nogales, Ariz., in soil with cactus plants in cargo from Mexico.

Tylencholaimus sp. at San Juan, P. R., in soil with roots of *Ixora decora* and other plants in air cargo from Honduras.

A total of 825 incompletely determined pathogens were recorded during the year.

Summary of Numbers of Interceptions Listed in Main Table

Country	Insect	Disease	Country	Insect	Disease
<i>Number</i>	<i>Number</i>		<i>Number</i>	<i>Number</i>	
Africa:			Europe—Continued		
Algeria.....	3	1	Spain.....	23	13
Anglo-Egyptian Sudan.....	1	0	Sweden.....	11	5
Angola.....	1	0	Switzerland.....	3	18
Belgian Congo.....	3	0	Turkey.....	11	19
British East Africa.....	1	1	Wales.....	0	2
Cape Verde Islands.....	2	0	Yugoslavia.....	5	2
Egypt.....	3	0	North America:		
Gold Coast.....	1	0	Bermuda.....	43	2
Italian Somaliland.....	2	0	Canada.....	6	11
Kenya.....	0	3	Canal Zone.....	58	8
Liberia.....	1	0	Central America.....	1	0
Madagascar.....	2	1	British Honduras.....	1	0
Madeira Islands.....	5	0	Costa Rica.....	18	5
Morocco.....	6	1	Guatemala.....	30	12
Mozambique.....	1	1	Honduras.....	5	3
Natal.....	0	1	Nicaragua.....	16	3
Sierra Leone.....	1	1	Panama.....	50	2
Tanganyika.....	0	3	Salvador.....	24	1
Transvaal.....	2	0	Iceland.....	0	1
Union of South Africa.....	35	33	Mexico.....	858	116
Asia:			West Indies.....	1	0
China.....	8	72	American Virgin Islands.....	2	0
Formosa.....	5	2	Antigua.....	5	0
India.....	86	6	Bahamas.....	5	1
Indonesia.....	3	0	Barbados.....	3	0
Israel.....	7	2	British Virgin Islands.....	1	0
Japan.....	275	522	British West Indies.....	4	0
Korea.....	1	0	Cuba.....	74	3
Lebanon.....	6	1	Curaçao.....	2	0
Straits Settlements.....	1	0	Dominica.....	1	0
Syria.....	1	0	Dominican Republic.....	6	2
Thailand.....	6	4	Grenada.....	1	0
Australasia:			Guadeloupe.....	2	0
Australia.....	57	52	Haiti.....	8	0
Ceylon.....	1	1	Jamaica.....	35	2
Fiji Islands.....	4	0	Jost Van Dykes.....	4	0
Guam.....	11	4	Martinique.....	2	0
Hawaii.....	355	13	Montserrat.....	1	0
Korror Island.....	0	4	Nevis.....	7	0
Kwajalein.....	2	0	Puerto Rico.....	19	5
Marianas.....	0	1	St. Kitts.....	2	0
New Zealand.....	5	16	St. Martin.....	1	0
Okinawa.....	0	1	Tortola.....	10	0
Palmyra Islands.....	1	0	Trinidad.....	30	3
Philippines.....	26	6	South America:		
Saipan.....	4	1	Argentina.....	11	52
South Pacific.....	0	1	Brazil.....	31	64
Sumatra.....	1	0	British Guiana.....	2	0
Tahiti.....	2	2	Chile.....	18	4
Truk Island.....	0	2	Colombia.....	12	1
Wake.....	1	0	Ecuador.....	27	21
Yap Island.....	0	2	Paraguay.....	1	1
Europe:			Peru.....	4	3
Austria.....	0	5	Uruguay.....	1	10
Azores.....	18	1	Venezuela.....	16	1
Belgium.....	11	18	Total:		
Czechoslovakia.....	0	1	Africa.....	70	46
Denmark.....	8	9	Asia.....	399	609
England.....	41	98	Australasia.....	470	102
Europe.....	0	1	Europe.....	587	488
Finland.....	1	0	North America.....	1,336	184
France.....	33	20	South America.....	123	156
Germany.....	42	31	Unknown.....	16	2
Gibraltar (?).....	0	1	Total.....	3,001	1,587
Greece.....	10	3	Total incompletely determined pests.....	2,304	825
Hungary.....	2	0	Total insect interceptions.....	5,305	-----
Ireland.....	15	10	Total disease interceptions.....	-----	2,412
Italy.....	223	38	Grand total.....	-----	17,717
Luxembourg.....	0	1			
Majorica.....	0	1			
Malta.....	2	1			
Netherlands.....	65	146			
Norway.....	2	5			
Portugal.....	31	3			
Scotland.....	30	36			

¹ This total represents only pests of known or potential plant-quarantine importance. The total of all interceptions made during the year was 16,567.

NOTE.—Interceptions were also made from Afghanistan, Burma, Canton Island, Eniwetok, Ethiopia, French West Africa, Indo-China, Iran, Iraq, Johnston Island, Midway, New Guinea, Nigeria, Northern Ireland, St. Vincent, Samoa (American), Surinam, Tasmania, and Tunisia.

Pests (insects) collected and reported from July 1, 1952, to June 30, 1953

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Achatina fulica</i> Fer. (Mollusca):					
Returned war equipment.....	Guam, Philippines, Saipan.	10			Calif.* , Tex.
Scrap metal.....	Guam.....	1			Calif.*
<i>Acrolepia assectella</i> (Zell.) (Hyponomeutidae):					
<i>Allium porrum</i> (leek).....	France.....		1		N. Y.
<i>Acronicta rumicis</i> (L.) (Phalaenidae):					
<i>Rhododendron</i> sp.....	England.....			1	Wash.
<i>Adoretus sinicus</i> Burm. (Scarabaeidae):					
Airplane.....	Hawaii.....		7		Guam, Hawaii, Hawaii.
<i>Alpinia</i> sp. (red ginger).....	do.....	1			Hawaii.
<i>Anthurium</i> sp.....	do.....	1			Hawaii.
<i>Adozophyes orana</i> (F. R.) (Tortricidae):					
<i>Cistus purpureus</i> (orchidspot rockrose).....	England.....			1	N. J.
<i>Syringa</i> sp. (lilac).....	Denmark, Netherlands, Sweden.	18			N. Y.
<i>Aganactesis indecora</i> Dyar (Galleriidae):					
<i>Cassia fistula</i> (golden-shower).....	Cuba.....			1	Fla.
<i>Cassia</i> sp.....	Venezuela.....	1			N. Y.
<i>Aglossa cuprealis</i> (Hbn.) (Pryalididae):					
Herb.....	Azores.....	1			Mass.
<i>Hyacinthus orientalis albulus</i> (Roman hyacinth).....	Italy.....			1	N. Y.
<i>Lilium candidum</i> (Madonna lily).....	do.....			2	N. Y.
Paper wrapping around sausage.....	Azores.....	1			Mass.
<i>Aleurocanthus woglumi</i> Ashby (Aleyrodidae):					
<i>Citrus aurantifolia</i>	Mexico.....	11			Calif.* , Tex.
<i>Citrus aurantifolia</i> (sour lime).....	do.....	6	1		Calif.* , Tex.
<i>Citrus aurantifolia</i> (sweet lime).....	do.....	1			Tex.
<i>Citrus paradisi</i> (grapefruit).....	do.....	1			Ariz.
<i>Citrus reticulata</i> (Mandarin orange).....	do.....	1			Tex.
<i>Citrus sinensis</i> (orange).....	do.....	7			Ariz., Calif.* , Tex.
<i>Citrus</i> sp.....	do.....	12	1		Tex.
<i>Coffea</i> sp. (coffee).....	do.....	3			Tex.
<i>Aleuroglandulus emmae</i> Rsl. (Aleyrodidae):					
<i>Psidium</i> sp., probably <i>guajava</i>	do.....			1	Ariz.
<i>Aleurolobus rhododendri</i> Takah. (Aleyrodidae):					
<i>Rhododendron</i> sp.....	Formosa.....			1	Calif.*
<i>Aleuroplatus denticulatus</i> Bondar (Aleyrodidae):					
Leaf—unidentified.....	Ecuador.....	1			Calif.*
<i>Aleurothrixus floccosus</i> (Mask.) (Aleyrodidae):					
<i>Citrus aurantifolia</i>	Cuba.....	1			Fla.*
<i>Citrus sinensis</i> (orange).....	Guatemala.....	1			Tex.
<i>Aleurothrixus myrtacei</i> Bondar (Aleyrodidae):					
Herb.....	St. Kitts.....	1			Mass.
<i>Aleurotrachelus trachoides</i> (Back) (Aleyrodidae):					
<i>Caladium</i> sp.....	Mexico.....	1			Tex.
Palm.....	do.....	2			Tex.
<i>Aleurotuberculatus similis</i> Takah. (?) (Aleyrodidae):					
<i>Vaccinium</i> sp.....	Sweden.....			1	Wash.
<i>Aleyrodes proletella</i> (L.) (Aleyrodidae):					
Plant—unidentified.....	Portugal.....			1	Mass.
<i>Allantus cinctus</i> (L.) (Tenthredinidae):					
<i>Kerria</i> sp.....	Netherlands.....			1	N. J.
<i>Malus sylvestris</i> (apple).....	Norway.....		1		Pa.
<i>Allozacia dorsalis</i> Melsh. (Oedemeridae):					
<i>Solanum tuberosum</i> (potato).....	Mexico.....	1			Tex.
<i>Alpheias conspirata</i> Hein. (Galleriidae):					
<i>Ananas comosus</i> (pineapple).....	do.....	5			Tex.
<i>Amorbia emigratella</i> (Busck) (Tortricidae):					
<i>Annona cherimola</i> (cherimoya).....	do.....	1			Tex.
<i>Cordylone terminalis</i> (ti).....	Hawaii.....	1			Hawaii.
Flowers—assorted.....	Hawaii, Mexico.....	3			Hawaii, Tex
Orchid.....	Mexico.....			1	Tex.
<i>Panica granatum</i> (pomegranate).....	Hawaii.....	1			Hawaii.
<i>Anaphothrips corbeti</i> Pr. (Thripidae):					
<i>Dendrobium</i> sp. (orchid).....	India.....			1	N. J.
<i>Vanda</i> sp. (orchid).....	Hawaii.....	1			Hawaii.
<i>Anaphothrips orchidaceus</i> Bagn. (Thripidae):					
Orchid.....	Colombia, Guatemala, Mexico.	1		2	N. Y., Tex., Wash.

Pests (insects) collected and reported from July 1, 1952, to June 30, 1953—Con.

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Anastrepha distincta</i> Greene (Tephritidae):					
Unknown	Panama	1			Wash.
<i>Anastrepha fraterculus</i> (Wied.) (Tephritidae):					
<i>Citrus sinensis</i> (orange)	Brazil		1		La.
<i>Mangifera indica</i> (mango)	Mexico, Nicaragua	2			Tex.
<i>Prunus persica</i> (peach)	Mexico	1			Tex.
<i>Psidium guajava</i> (guava)	do.	1			Tex.
<i>Pyrus communis</i> (pear)	do.	2			Tex.
<i>Anastrepha fraterculus</i> (Wied.) (?) (Tephritidae):					
<i>Achras zapota</i> (sapodilla)	Venezuela	1			N. Y.
<i>Psidium guajava</i> (guava)	Nicaragua	1			Calif.*
<i>Anastrepha ludens</i> (Loew) (Tephritidae):					
<i>Annona cherimola</i> (cherimoya)	Honduras	1			Calif.*
<i>Casimiroa edulis</i> (white sapote)	Mexico	2			Tex.
<i>Citrus aurantifolia</i> (sweet lime)	do.	10			Tex.
<i>Citrus aurantium</i> (sour orange)	do.	1			Tex.
<i>Citrus medica</i> (citron)	do.	1			Tex.
<i>Citrus paradisi</i> (grapefruit)	Guatemala, Mexico	6			Tex.
<i>Citrus sinensis</i> (orange)	do.	155	13		Ariz., Calif., La., N. Y., Tex.
<i>Cydonia oblonga</i> (quince)	Mexico	3			Tex.
In garbage can	do.	1			Tex.
<i>Mangifera indica</i> (mango)	do.	44	1		Ariz., Calif., Calif.*, Tex.
<i>Persea americana</i> (avocado)	do.	2			Tex.
<i>Prunus persica</i> (peach)	do.	1			Tex.
<i>Punica granatum</i> (pomegranate)	do.	1			Tex.
<i>Pyrus communis</i> (pear)	do.	5			Tex.
Sapote	do.	1			Tex.
<i>Anastrepha ludens</i> (Loew) (?) (Tephritidae):					
<i>Citrus aurantifolia</i> (sweet lime)	do.	1			Tex.
<i>Citrus sinensis</i> (orange)	do.	2			Tex.
<i>Pyrus communis</i> (pear)	do.	1			Tex.
<i>Anastrepha mombinpraeoptans</i> Sein (Tephritidae):					
<i>Anacardium occidentale</i> (cashew)	Tortola	1			St. Thomas & St. John.
<i>Citrus paradisi</i> (grapefruit)	Brazil		1		Tex.
<i>Eugenia floribunda</i> (rumberry eugenia)	Jost Van Dykes, Tortola	3			St. Croix, St. Thomas & St. John.
<i>Mangifera indica</i> (mango)	Bahamas, Costa Rica, Cuba, Dominican Republic, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico, Salvador, Trinidad.	99	4		Ala., Ariz., Calif., Calif.*, Fla.*, Ill., La., N. Y., P. R., Tex.
<i>Prunus domestica</i> (plum)	Mexico	1			Calif.
<i>Psidium guajava</i> (guava)	Honduras, Puerto Rico	4			N. Y., P. R.
<i>Spondias cytherea</i> (jobo de la India)	Guadeloupe		1		St. Thomas & St. John.
<i>Spondias mombin</i> (yellow mombin)	Jamaica, Nicaragua, Salvador.	13			Fla.*, Calif.*
<i>Spondias purpurea</i> (purple mombin)	British Virgin Islands	1			St. Thomas & St. John.
<i>Anastrepha mombinpraeoptans</i> Sein (?) (Tephritidae):					
<i>Psidium guajava</i> (guava)	Puerto Rico	1			P. R.
<i>Spondias mombin</i> (yellow mombin)	Trinidad	1			N. Y.
<i>Anastrepha parallela</i> (Wied.) (?) (Tephritidae):					
<i>Citrus paradisi</i> (grapefruit)	Brazil		1		Tex.
<i>Anastrepha serpentina</i> (Wied.) (Tephritidae):					
<i>Achras zapota</i> (sapodilla)	Guatemala, Trinidad	2			La., N. Y.
<i>Citrus sinensis</i> (orange)	Brazil		1		N. Y.
<i>Mammea americana</i> (mamey)	Mexico	3			Tex.
<i>Mangifera indica</i> (mango)	do.	4			Tex.
<i>Anastrepha striata</i> Schiner (Tephritidae):					
<i>Psidium guajava</i> (guava)	Guatemala, Panama	2			La.

Pests (insects) collected and reported from July 1, 1952, to June 30, 1953—Con.

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Anastrepha suspensa</i> (Loew) (Tephritidae):					
<i>Citrus paradisi</i> (grapefruit).....	Trinidad.....		1		N. Y.
<i>Mangifera indica</i> (mango).....	Cuba.....	1			N. Y.
<i>Psidium guajava</i> (guava).....	Cuba, Mexico, Puerto Rico.....	5			Fla., Fla.*, P. R., Tex.
<i>Anchonus foveifrons</i> Champ. (Curculionidae):					
Orchid.....	Guatemala.....			1	Tex.
<i>Ancylostoma stercorea</i> (Zell.) (Phycitidae):					
<i>Cajanus cajan</i> (pigeonpea).....	Bahamas, Canal Zone, Martinique, Puerto Rico, Tortola, Trinidad.....	9			N. Y., P. R., St. Thomas & St. John, Tex.
Leguminosae pod.....	Panama.....	1			Calif.*
<i>Anisolabis marginalis</i> (Dohrn) (Labiduridae):					
<i>Chaenomeles</i> sp.....	Japan.....			1	Hawaii.
<i>Anomala cuprea</i> Hope (Scarabaeidae):					
Airplane.....	do.....		1		Hawaii.
<i>Anomala viridana</i> Kolbe (Scarabaeidae):					
Airplane.....	Wake Island.....		1		Hawaii.
<i>Anthrenus rectirostris</i> (L.) (Curculionidae):					
<i>Prunus serrulata lannesiana</i>	Japan.....			1	Calif.*
<i>Antonina graminis</i> (Mask.) (Coccidae):					
<i>Cynodon dactylon</i> (Bermuda grass).....	Mexico.....	1			Ariz.
<i>Anuraphis tulipae</i> (Fonse.) (Aphidae):					
<i>Apium graveolens</i> (celery).....	Norway.....		1		Pa.
<i>Gladiolus</i> sp.....	Netherlands.....			2	N. J.
<i>Iris reticulata</i> (netted iris).....	England.....			1	N. J.
<i>Iris susiana</i> (mourning iris).....	do.....			1	N. J.
<i>Iris</i> sp.....	England, Netherlands.....			4	N. J.
<i>Tulipa</i> sp. (tulip).....	England, Germany, Netherlands.....			4	N. J., N. Y.
<i>Aonidiella citrina</i> (Coq.) (Coccidae):					
<i>Citrus reticulata</i> (Mandarin orange).....	Japan.....	1			Hawaii.
<i>Citrus sinensis</i> (orange).....	do.....		1		Hawaii.
<i>Philodendron</i> sp.....	Philippines.....		1		Calif.*
<i>Aonidiella inornata</i> McKenzie (Coccidae):					
<i>Alpinia</i> sp. (red ginger).....	Hawaii.....	1			Hawaii.
<i>Citrus limon</i> (lemon).....	Fiji (?).....		1		Hawaii.
<i>Cocos nucifera</i> (coconut).....	Philippines.....		1	1	Calif.*
<i>Aphanus umbrosus</i> (Dist.) (Lygaeidae):					
<i>Gladiolus</i> sp.....	Mexico.....	1			Tex.
<i>Aphis viburni</i> (Scop.) (?) (Aphidae):					
<i>Viburnum</i> sp.....	Netherlands.....	1			N. Y.
<i>Apion aeneum</i> F. (Curculionidae):					
<i>Malva alcea</i> (hollyhock mallow).....	Italy.....			1	N. Y.
<i>Apion carduorum</i> Kby. (Curculionidae):					
<i>Cynara scolymus</i> (globe artichoke).....	France, Italy.....	1	2		N. Y., Tex.
<i>Galanthus</i> sp.....	Denmark.....			1	N. Y.
<i>Apion fuscirostre</i> F. (Curculionidae):					
<i>Cytisus nigricans</i>	Belgium.....			1	N. Y.
<i>Apion pomonae</i> F. (Curculionidae):					
<i>Vicia sativa</i> (vetch).....	Germany, Portugal.....	2			Mass., N. Y.
<i>Apion radiolus</i> Kirby (Curculionidae):					
<i>Malva alcea</i> (hollyhock mallow).....	Italy.....			1	N. Y.
<i>Apogonalia stali</i> (Sign.) (Cicadellidae):					
Airplane.....	Mexico.....		2		Tex.
<i>Argyresthia conjugella</i> (Zell.) (Hyponomeutidae):					
<i>Malus sylvestris</i> (apple).....	Sweden.....	1			N. Y.
<i>Aspidiotus bilobis</i> Mask. (Coccidae):					
Grass.....	Formosa.....	1			Calif.*
<i>Aspidiotus braunschevigi</i> Rungs (tentative identification) (Coccidae):					
<i>Olea europaea</i> (olive).....	Italy.....	1			N. Y.
<i>Aspidiotus britannicus</i> Newst. (Coccidae):					
<i>Ruscus</i> sp.....	do.....			1	N. J.
<i>Aspidiotus coryphae</i> Okil. & Rob. (Coccidae):					
<i>Cocos nucifera</i> (coconut).....	Philippines.....	1			Calif.*
<i>Aspidiotus degeneratus</i> (Leon.) (Coccidae):					
<i>Camellia japonica</i> (camellia).....	Japan.....			1	Hawaii.
<i>Eurya japonica</i>	do.....		1		Pa.

Pests (insects) collected and reported from July 1, 1952, to June 30, 1953—Con.

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Aspidiotus destructor</i> Sign. (Coccidae):					
<i>Cocos nucifera</i> (coconut).....	Barbados, Brazil, Canal Zone, Costa Rica, Cuba, Mexico, Panama, Salvador.	9	1	1	Calif.* Fla.* Mass., N. J.
<i>Latania loddigesi</i> (silver latania).....	Japan		1		Calif.*
<i>Livistona</i> sp. (fan palm).....	India		1		Pa.
Palm.....	Japan		2		Calif.* N. Y.
<i>Persea americana</i> (avocado).....	Cuba	1			N. Y.
<i>Trachycarpus excelsa</i> (?).....	Japan		1		Pa.
<i>Aspidiotus distans</i> Newst. (Coccidae):					
<i>Persea americana</i> (avocado).....	Mexico			1	Tex.
<i>Prunus domestica</i> (plum).....	do	1			Ariz.
<i>Aspidiotus herculeanus</i> Ckll. & Hadd. (Coccidae):					
<i>Mangifera indica</i> (mango).....	Ceylon			1	D. C.
<i>Persea americana</i> (avocado).....	Costa Rica		1		Calif.*
<i>Spondias mombin</i> (yellow mombin).....	Salvador	1			Calif.*
<i>Aspidiotus palmarum</i> Ckll. (Coccidae):					
<i>Calathea</i> spp.....	Philippines			1	Calif.*
<i>Cocos nucifera</i> (coconut).....	Ecuador		1		Calif.*
Plant—unidentified.....	Antigua	1			St. Croix
<i>Aspidiotus pectinatus</i> Ldgr. (tentative) (Coccidae):					
<i>Celtis</i> sp.....	Union of South Africa			1	D. C.
<i>Aspidiotus pseudomeyeri</i> Kuw. (tentative) (Coccidae):					
<i>Chamaecyparis</i> sp.....	Japan			1	Calif.*
<i>Aspidiotus zonatus</i> Frauenf. (Coccidae):					
<i>Quercus heterophylla</i>	England			1	N. J.
<i>Asterolecanium agavis</i> Rsl. (Coccidae):					
<i>Yucca</i> sp.....	Mexico			1	Ariz.
<i>Asterolecanium bambusae</i> (Bdv.) (Coccidae):					
Bamboo.....	Nevis	1			Mass.
<i>Bambusa</i> sp. (bamboo).....	Hawaii	1		1	Calif.* Hawaii.
<i>Asterolecanium degeneratum</i> Rsl. (Coccidae):					
<i>Cocos nucifera</i> (coconut).....	Brazil			1	N. J.
<i>Asterolecanium epidendri</i> (Bouche) (Coccidae):					
<i>Antigonon leptopus</i> (rosa-de-montana).....	Canal Zone			1	Calif.*
<i>Chamaedorea</i> sp. (palm).....	Mexico	2			Calif.* Tex.
<i>Epidendrum</i> sp. (orchid).....	do			1	Tex.
<i>Laelia</i> sp. (orchid).....	Mexico			1	Tex.
<i>Operculina tuberosa</i>	Canal Zone			1	Calif.*
Orchid.....	do			1	Calif.*
<i>Philodendron</i> sp.....	Mexico			1	Tex.
<i>Stanhopea</i> sp. (orchid).....	Canal Zone			1	Calif.*
<i>Asterolecanium inlabefactum</i> Rsl. (Coccidae):					
<i>Chamaedorea</i> sp. (palm).....	Mexico	1			Tex.
Palm.....	do	1			Tex.
<i>Asterolecanium miltaris miltaris</i> (Bdv.) (Coccidae):					
Bamboo.....	Nevis	1			Mass.
Grass.....	St. Kitts	1			Mass.
<i>Asterolecanium miltaris robustum</i> Green (Coccidae):					
Bamboo.....	Montserrat, Nevis	2			Mass.
<i>Asterolecanium pustulans</i> (Ckll.) (Coccidae):					
<i>Codiaeum</i> sp. (croton).....	Hawaii	1			Hawaii.
Cuttings—unidentified.....	Cuba, Mexico			2	Calif., P. R.
<i>Ficus sycomorus</i> (sycomore fig).....	Israel			1	D. C.
<i>Ficus</i> sp., probably <i>carica</i>	Brazil			1	N. Y.
<i>Nerium oleander</i> (oleander).....	Cuba, Mexico	1		1	P. R., Tex.
<i>Philodendron</i> sp.....	Hawaii	1			Hawaii.
<i>Asterolecanium stentae</i> Brain (Coccidae):					
<i>Stapelia</i> sp.....	Union of South Africa			1	N. J.
<i>Aufeis impressicollis</i> Stal (Coreidae):					
<i>Dianthus</i> sp. (carnation).....	Mexico	1			Tex.
<i>Aulacaspis spinosa</i> (Mask.) (Coccidae):					
<i>Smilax</i> sp.....	Japan			1	Wash.
<i>Aulacaspis tubercularis</i> Newst. (Coccidae):					
<i>Mangifera indica</i> (mango).....	Martinique, Nicaragua, Philippines, Salvador, Trinidad.	7	1	1	Calif.* Hawaii, N. Y., P. R.

Pests (insects) collected and reported from July 1, 1952, to June 30, 1953—Con.

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Aulacoscelia elongata</i> Jac. (Chrysomelidae): Cycad	Mexico			1	Tex.
<i>Autoserica castanea</i> (Arr.) (Scarabaeidae): <i>Ficus carica</i> (fig)	Italy	1			N. Y.
<i>Barathra brassicae</i> (L.) (Phalaenidae): <i>Brassica oleracea botrytis</i> (cauliflower)	France, Japan		2		N. Y.
<i>Blissus leucopterus hirtus</i> Montand. (Lygaeidae): <i>Iris</i> sp.	Canada			1	N. J.
<i>Blissus leucopterus insularis</i> Barb. (Lygaeidae): <i>Ananas comosus</i> (pineapple)	Mexico	1			Tex.
<i>Bouhelia maroccana</i> Balachowsky (Coccidae): <i>Muscari comosum</i> (cipollino)	Morocco	1			Calif.*
<i>Brachycerus albidentatus</i> Gyll. (Curculionidae): <i>Allium sativum</i> (garlic)	Italy	4			N. Y.
<i>Brachycerus algerus</i> (F.) (Curculionidae): <i>Allium sativum</i> (garlic)	Italy, Spain	3	1		N. Y., Tex.
<i>Brachyrhinus rugosostriatus</i> (Goeze) (Curculionidae): <i>Vitis</i> sp. (grape)	Chile	1			N. Y.
<i>Bradybaena similis</i> (Fer.) (Mollusca): <i>Anthurium</i> sp.	Hawaii	1			Hawaii.
<i>Apium graveolens</i> (celery)	Lebanon		1		Pa.
<i>Billbergia</i> sp.	Hawaii	1			Hawaii.
<i>Cordylone terminalis</i> (ti)	do.	1			Hawaii.
<i>Fern</i>	do.	1			Hawaii.
<i>Heliconia</i> sp.	do.	1			Hawaii.
<i>Tree fern</i>	do.	1			Hawaii.
<i>Bregmatothrips iridis</i> Wats. (Thripidae): <i>Iris kaempferi</i> (Japanese iris)	Netherlands			3	N. J.
<i>Iris</i> sp.	do.			1	N. J.
<i>Brevipalpus chilensis</i> Baker (Phytotipalpidae): <i>Vitis</i> sp. (grape)	Chile			1	D. C.
<i>Brevipalpus phoenicis</i> (Geijskes) (Phytotipalpidae): <i>Arundinaria</i> sp.	Hawaii			1	Hawaii.
<i>Cynoches</i> sp. (orchid)	Canal Zone			1	Fla.
<i>Stanhopea</i> sp. (orchid)	do.			1	N. J.
<i>Brithys pancratii</i> (Cyr.) (Phalaenidae): <i>Anoanthus breviflorus</i>	Transvaal			1	D. C.
<i>Bruchus brachialis</i> Fahr. (Bruchidae): <i>Vicia sativa</i> (vetch)	Hungary	1		1	Ala.
<i>Vicia villosa</i> (hairy vetch)	do.			1	S. C.
<i>Bruchus dentipes</i> Baudi (Bruchidae): <i>Vicia sativa</i> (vetch)	Lebanon	1			Pa.
<i>Bruchus guttalis</i> Rey (Bruchidae): <i>Vicia sativa</i> (vetch)	Algeria, Italy	2			Pa., Tex.
<i>Bruchus luteicornis</i> Ill. (Bruchidae): <i>Vicia sativa</i> (vetch)	France	2			N. Y.
<i>Bruchus rufipes</i> Herbst (Bruchidae): <i>Vicia sativa</i> (vetch)	Italy	2			La.
<i>Bruchus tristis</i> Boh. (Bruchidae): Bean	Greece	1			Ill.
<i>Lathyrus sativus</i> (grass pea)	Italy	1		1	N. J., N. Y.
<i>Lupinus</i> sp. (lupine)	do.	1			N. Y.
<i>Vicia ervilla</i> (bitter vetch)	Greece			1	N. J.
<i>Vicia</i> sp.	Italy			1	N. J.
<i>Bucculatrix thurberiella</i> Busck (Lyonetiidae): <i>Gossypium</i> sp. (cotton)	Mexico	1			Tex.
<i>Burtinus notatipennis</i> Stal (Coreidae): Airplane	do.			1	Tex.
<i>Callosobruchus maculatus</i> (F.) (Bruchidae): <i>Cajanus cajan</i> (pigeonpea)	Bahamas, British West Indies.	2			Fla., N. Y.
<i>Vigna sinensis</i> (cowpea)	India			1	N. Y.
<i>Colocoris norvegicus</i> (Gmelin) (Miridae): <i>Lathyrus odoratus</i> (sweet pea)	Ireland	1			Mass.
<i>Calonota festiva</i> (F.) (Scarabaeidae): Wool	Australia	1			N. Y.
<i>Capaneus tetricus</i> Stal (Coreidae): Orchid	Venezuela			1	Calif.*
<i>Capitophorus formosanus</i> Takah. (?) (Aphidae): <i>Aster</i> sp.	Japan	1			Hawaii.
<i>Chrysanthemum</i> sp.	do.	1			Hawaii.

Pests (insects) collected and reported from July 1, 1952, to June 30, 1953—Con.

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Caryedon fuscus</i> Goeze (Bruchidae):					
<i>Abrus praecatorius</i>	India.....			1	Calif.*
<i>Cassia fistula</i> (golden-shower).....	Hawaii.....	1			Hawaii.
<i>Cassia nodosa</i> (?).....	do.....	2			Hawaii.
<i>Cassia</i> sp.....	do.....	4		1	Calif.*, Hawaii.
<i>Tamarindus indica</i> (tamarind).....	Curacao, Jamaica.....	2			Mass., N. Y.
<i>Catorama herbarium</i> Gorb. (Anobiidae):					
<i>Acalypha</i> sp.....	Hawaii.....	1			Hawaii.
<i>Cavariella capreae</i> (F.) (Aphidae):					
<i>Apium graveolens</i> (celery).....	Italy.....		1		Pa.
<i>Ceratitis capitata</i> (Wied.) (Tephritidae):					
<i>Annona</i> sp.....	Madeira Islands.....	1			N. Y.
<i>Citrus limon</i> (lemon).....	Italy.....	2			N. Y.
<i>Citrus paradisi</i> (grapefruit).....	Egypt.....		1		Pa.
<i>Citrus reticulata</i> (Mandarin orange).....	Italy.....	3			N. Y.
<i>Citrus sinensis</i> (orange).....	Brazil, Italy, Malta, Morocco, Spain, unknown.....	3	7		Ala., Fla., N. Y., Pa., Tex., Va.
<i>Coffea</i> sp. (coffee).....	Brazil, Hawaii.....	4			Calif., Fla.*
<i>Cydonia oblonga</i> (quince).....	Greece, Italy, Turkey.....	4			N. Y.
<i>Diospyros kaki</i> (kaki persimmon).....	Italy.....	1			Mass.
<i>Diospyros</i> sp. (persimmon).....	do.....	1			N. Y.
<i>Eriobotrya japonica</i> (loquat).....	Madeira Islands, Portugal.....	2			Mass., N. Y.
<i>Ficus carica</i> (fig).....	France.....	1			Mass.
<i>Malus sylvestris</i> (apple).....	Azores, Italy, Yugoslavia.....	4			Mass., N. Y.
<i>Mespilus germanica</i> (medlar).....	Italy.....	1			N. Y.
<i>Opuntia compressa</i> (pricklypear).....	do.....	4			N. Y.
<i>Phoenix dactylifera</i> (date).....	Lebanon.....	1			N. Y.
<i>Prunus domestica</i> (plum).....	France.....		1		N. Y.
<i>Prunus persica</i> (peach).....	France, Portugal, Spain.....	2	3		Mass., N. Y., P. R.
<i>Psidium guajava</i> (guava).....	Portugal.....	1			N. Y.
<i>Psidium littorale</i> (strawberry guava).....	Azores.....	1			Mass.
<i>Pyrus communis</i> (pear).....	Italy, Portugal.....	3			Mass., N. Y.
<i>Ceratitis capitata</i> (Wied.) (?) (Tephritidae):					
<i>Annona</i> sp.....	Azores.....	1			Mass.
<i>Capsicum frutescens</i> (pepper).....	Hawaii.....		1		Calif.*
<i>Citrus paradisi</i> (grapefruit).....	Italy, Mozambique, Union of South Africa.....		3		Tex.
<i>Citrus reticulata</i> (Mandarin orange).....	Israel.....	1			N. Y.
<i>Citrus sinensis</i> (orange).....	Israel, Italy, Malta, Morocco, Spain, unknown.....	1	5		Md., Mass., N. Y., Pa., Va.
<i>Coffea</i> sp. (coffee).....	Brazil, Hawaii.....	4			Calif., N. Y.
<i>Cydonia oblonga</i> (quince).....	Italy.....	1			N. Y.
<i>Diospyros</i> sp. (persimmon).....	do.....	1			N. Y.
<i>Eriobotrya japonica</i> (loquat).....	Azores.....	1			Mass.
<i>Ficus carica</i> (fig).....	Portugal.....	1			Mass.
<i>Malus sylvestris</i> (apple).....	Azores, Portugal, Union of South Africa.....	3			Md., Mass.
<i>Prunus persica</i> (peach).....	Italy, Union of South Africa.....	2	1		Md., Mass., N. Y.
<i>Psidium guajava</i> (guava).....	Azores.....	1			Mass.
<i>Punica granatum</i> (pomegranate).....	Italy.....	1			N. Y.
<i>Pyrus communis</i> (pear).....	do.....	1			N. Y.
<i>Ceroplastes ceriferus</i> (And.) (Coccidae):					
<i>Chaenomeles</i> sp.....	Japan.....			1	Calif.*
<i>Salix</i> sp.....	do.....	1			Calif.*
<i>Ceroplastes rubens</i> Mask. (Coccidae):					
<i>Anthurium</i> sp.....	Hawaii.....	2			Hawaii.
<i>Calophyllum</i> sp.....	Guam.....		1		Calif.*
<i>Camellia</i> var.....	Japan.....		1		Calif.*
<i>Citrus sinensis</i> (orange).....	do.....		1		Calif.*
Cutting—unidentified.....	do.....		1		Calif.*
<i>Gardenia augusta</i> (gardenia).....	Australia.....	1	1		Hawaii.
<i>Kadsura japonica</i> (scarlet kadsura).....	Japan.....	1	1		Pa.
Plant—unidentified.....	do.....			1	Hawaii.
<i>Ceroplastes rusci</i> (L.) (Coccidae):					
<i>Ficus carica</i> (fig).....	France, Italy.....		1	1	N. Y.

Pests (insects) collected and reported from July 1, 1952, to June 30, 1953—Con.

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Chilo simplex</i> (Butl.) (Crambidae): <i>Oryza sativa</i> (rice)-----	China, India, Japan, service mail, Spain.	46	8	---	Calif.* , D.C., Hawaii, Md., Mass., Mich., N.Y., P.R., Tenn., Tex., Wash.
<i>Chionaspis leucadendri</i> Brain (Coccidae): <i>Leucophyllum</i> sp.-----	Union of South Africa	1	---	---	N. Y.
<i>Chionaspis wistariae</i> Cooley (Coccidae): <i>Wisteria sinensis</i> (Chinese wisteria)-----	Japan	---	---	1	Calif.*
<i>Wisteria</i> sp.-----	do	---	---	1	Calif.*
<i>Chrysocoris grandis</i> Thunb. (Pentatomidae): Palm-----	do	---	1	---	Calif.*
<i>Chrysomphalus agavis</i> (Townsend & Ckll.) (Coccidae): <i>Agave</i> sp.-----	Mexico	---	---	2	Ariz.
<i>Chrysomphalus albopictus</i> (Ckll.) (Coccidae): <i>Citrus sinensis</i> (orange)-----	do	1	---	---	Tex.
<i>Persea americana</i> (avocado)-----	do	1	---	---	Tex.
<i>Philodendron</i> sp.-----	do	---	---	2	Tex.
<i>Chrysomphalus odontoglossi</i> (Ckll.) (Coccidae): Orchid-----	do	---	---	1	Ariz.
<i>Chrysomphalus paulistus</i> (Hempel) (Coccidae): <i>Kalmia</i> sp.-----	Brazil	---	1	---	N. Y.
<i>Laurus nobilis</i> (Grecian laurel)-----	do	---	1	---	Pa.
<i>Chrysomphalus personatus</i> (Comst.) (Coccidae): <i>Cocos nucifera</i> (coconut)-----	Costa Rica	1	---	---	Calif.*
<i>Fragaria</i> sp. (ash)-----	Mexico	1	---	---	Tex.
Leaf—unidentified-----	Madeira Islands, Mexico	4	---	---	Mass., Tex.
<i>Mangifera indica</i> (mango)-----	Canal Zone	1	---	---	Fla.*
<i>Melia azedarach</i> (Chinaberry)-----	Mexico	1	---	---	Tex.
<i>Persea americana</i> -----	do	---	---	1	Tex.
<i>Sapote</i> leaf-----	do	1	---	---	Tex.
<i>Chrysomphalus pinnulifera</i> (Mask.) (tentative) (Coccidae): <i>Cymbidium</i> sp. (orchid)-----	Madagascar	---	---	1	N. J.
<i>Gastrophysa</i> sp.-----	do	---	---	1	N. J.
<i>Chrysomphalus scutiformis</i> (Ckll.) (Coccidae): <i>Cocos nucifera</i> (coconut)-----	Mexico, Panama	2	---	---	Calif.*
<i>Chrysomphalus smilacis</i> Comst. (Coccidae): <i>Nolina</i> sp. (bear grass)-----	Mexico	1	---	---	Ariz.
<i>Chrysomphalus sphaeroides</i> (Ckll.) (Coccidae): <i>Chamaedorea</i> sp. (palm)-----	do	4	---	---	Calif.* , Tex.
<i>Monstera</i> sp.-----	do	---	---	1	Tex.
Palm-----	do	2	---	---	Tex.
<i>Philodendron</i> sp.-----	do	---	---	7	Tex.
<i>Chrysomphalus tenax</i> (McKenzie) (Coccidae): <i>Cattleya</i> sp. (orchid)-----	Cuba	---	---	1	Tex.
<i>Monstera delicata</i> (ceriman)-----	Mexico	---	---	1	Calif.*
Orchid-----	Jamaica	---	---	1	Fla.
<i>Philodendron</i> sp.-----	Mexico	---	---	2	Tex.
<i>Chrysomphalus tingi</i> (McKenzie) (Coccidae): <i>Phalaenopsis amabilis</i> (orchid)-----	Philippines	---	---	1	Calif.*
<i>Chrysomphalus umboniferus</i> (Newst.) (Coccidae): <i>Anthurium</i> sp.-----	Canal Zone	---	---	1	Fla.
Bromeliaceae-----	Colombia	---	---	1	Calif.*
<i>Laelia</i> sp. (orchid)-----	Mexico	---	---	1	Tex.
Orchid-----	Canal Zone, Mexico, Panama, Salvador, Trinidad, Venezuela.	---	---	6	Ala., Calif.* , Fla., Tex.
Stem—unidentified-----	Panama	1	---	---	N. Y.
<i>Coccus capparidis</i> (Green) (Coccidae): <i>Alyxia olivaeformis</i> (maile alyxia)-----	Hawaii	1	---	---	Calif.*
<i>Cypripedium</i> sp. (orchid)-----	India	---	---	2	N. J.
<i>Coccus viridis</i> (Green) (Coccidae): <i>Alstonia macrophylla</i> -----	Hawaii	1	---	---	Hawaii.
<i>Eligbia sapida</i> (akee)-----	Jamaica	1	---	---	Fla.*
<i>Citrus aurantifolia</i> -----	Cuba	1	---	---	Fla.*
<i>Citrus limon</i> (lemon)-----	Bermuda, Haiti	2	---	---	Fla.* , N. Y.

Pests (insects) collected and reported from July 1, 1952, to June 30, 1953—Con.

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Coccus viridis</i> —Continued					
<i>Citrus sinensis</i> (orange).....	Canal Zone.....	1	---	---	Fla.*
<i>Coffea</i> sp. (coffee).....	Puerto Rico.....	1	---	---	Fla.*
<i>Gardenia augusta</i> (gardenia).....	Colombia, Cuba, Hawaii, Venezuela.	69	---	---	Calif.*, Fla.*, Hawaii, N. Y., Calif.*
<i>Ixora macrothyrsa</i> (Malay ixora).....	Hawaii.....	---	---	1	Calif.*
<i>Ixora</i> sp.....	Hawaii, Jamaica, Trinidad.	2	---	2	Ala., Fla., Hawaii.
Plant—unidentified.....	Antigua.....	1	---	---	St. Croix.
<i>Plumeria</i> sp.....	Hawaii.....	---	---	2	Calif.*
<i>Ricinus communis</i> (castor-bean).....	Jamaica.....	1	---	---	Fla.*
<i>Conarthrus vicinus</i> Woll. (Curculionidae):					
Bamboo.....	Philippines.....	1	---	---	Mass.
<i>Conchaspis newsteadi</i> Ckll. (Coccidae):					
<i>Plumeria</i> sp.....	Mexico.....	---	---	1	Tex.
<i>Conoderus vagus</i> (Cand.) (Elateridae):					
Airplane.....	do.....	---	1	---	Tex.
<i>Conotrachelus aguacatae</i> Barber (Curculionidae):					
<i>Persea americana</i> (avocado).....	do.....	148	---	---	Tex.
<i>Coptotermes formosanus Shiraki</i> (Rhinotermitidae):					
Airplane.....	Hawaii.....	---	2	---	Hawaii.
Merchandise.....	China.....	1	---	---	Guam.
<i>Cordylomera spinicornis</i> (F.) (Cerambycidae):					
<i>Khaya</i> sp.....	Gold Coast.....	1	---	---	Pa.
<i>Corimelaena elegans</i> (McA. & Mall.) (Pentatomidae):					
Orchid.....	Mexico.....	---	---	1	Tex.
<i>Cosmopolites sordidus</i> (Germ.) (Curculionidae):					
<i>Musa paradisiaca sapientum</i> (banana).....	Guadeloupe.....	---	---	1	P. R.
<i>Crociosema plebeiana</i> Zell. (Olethreutidae):					
Airplane.....	Mexico.....	---	1	---	Tex.
<i>Hibiscus esculentus</i> (okra).....	do.....	9	---	---	Tex.
<i>Cryptoblabes gnidiella</i> (Mill.) (Phycitidae):					
<i>Malus sylvestris</i> (apple).....	Italy.....	1	---	---	N. Y.
<i>Nerium oleander</i> (oleander).....	Bermuda.....	---	---	1	N. Y.
Plant—unidentified.....	do.....	---	---	1	N. Y.
<i>Punica granatum</i> (pomegranate).....	Italy, Lebanon.....	3	---	---	N. Y., Pa.
<i>Vitis</i> sp. (grape).....	Brazil.....	1	---	---	N. Y.
<i>Cryptophlebia illepidia</i> (Btlr.) (Olethreutidae):					
<i>Macadamia</i> sp.....	Hawaii.....	1	---	---	Hawaii.
<i>Pithecellobium dulce</i>	do.....	1	---	---	Do.
<i>Cryptophlebia leucotreta</i> (Meyr.) (Olethreutidae):					
<i>Citrus grandis</i> (pummelo).....	Union of South Africa.....	---	1	---	Tex.
<i>Citrus paradisi</i> (grapefruit).....	do.....	---	2	---	N. Y., Pa.
<i>Citrus sinensis</i> (orange).....	Belgian Congo, Union of South Africa.	---	3	---	Md., N. Y., Tex.
<i>Cryptotermes brevis</i> (Wlk.) (Kalotermitidae):					
Hardwood case.....	Hawaii.....	1	---	---	Calif.*
<i>Ctenicera cupreus</i> (F.) (Elateridae):					
<i>Calluna vulgaris</i> (heather).....	England.....	---	---	1	N. J.
<i>Curculio elephas</i> (Gyll.) (Curculionidae):					
<i>Castanea</i> sp. (chestnut).....	Italy, France, Portugal, Spain, Yugoslavia.	38	1	---	Mass., Mich., N. Y., Oreg., Pa., Tex.
<i>Quercus</i> sp. (oak).....	Portugal.....	---	---	1	Mo.
<i>Curculio nucum</i> L. (Curculionidae):					
<i>Corylus avellana</i> (filbert).....	Italy.....	1	---	---	Mass.
<i>Cylas formicarius</i> F. (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato).....	India, Straits Settlements.	2	2	---	Ga., Mass., N. Y.
<i>Cylas formicarius</i> F. var. (Curculionidae):					
<i>Ipomoea batatas</i>	Thailand.....	1	---	---	N. Y.
<i>Cylas formicarius elegantulus</i> (Summers) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato).....	Cuba, Haiti, Jamaica, Mexico, Puerto Rico, Tortola, Trinidad.	27	5	1	Ala., D. C., Fla.*, Md., N. Y., Pa., St. Thomas & St. John, Tex.

Pests (insects) collected and reported from July 1, 1952, to June 30, 1953—Con.

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Dacus caudatus</i> F. (Tephritidae): <i>Macrozanonia macrocarpa</i>	Indonesia.....	1	—	—	N. J.
<i>Dacus ciliatus</i> Loew (?) (Tephritidae): <i>Cucurbita pepo</i> (pumpkin).....	Union of South Africa.....	—	1	—	Md.
<i>Dacus cucurbitae</i> Coq. (Tephritidae): <i>Capsicum frutescens</i> (pepper).....	Hawaii.....	—	1	—	Calif.*
<i>Cucumis sativus</i> (cucumber).....	do.....	—	3	—	Calif.*
<i>Cucurbita maxima</i> (squash).....	do.....	—	1	—	Calif.*
<i>Cucurbita pepo</i> (pumpkin).....	do.....	1	—	—	Calif.*
<i>Lycopersicon esculentum</i> (tomato).....	do.....	—	10	—	Ala., Calif.*, Tex.
<i>Momordica charantia</i> (balsam-pear).....	Philippines.....	1	—	—	Guam.
<i>Dacus cucurbitae</i> Coq. (?) (Tephritidae): <i>Cucumis sativus</i> (cucumber).....	Hawaii.....	—	4	—	Calif.*, Tex.
<i>Cucurbita maxima</i> (squash).....	do.....	—	1	—	Tex.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	—	1	—	Wash.
<i>Dacus dorsalis</i> Hend. (Tephritidae): Airplane.....	do.....	—	2	—	Hawaii.
In box with anthuriums.....	do.....	1	—	—	Do.
<i>Coffea</i> sp. (coffee).....	do.....	2	—	—	Do.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	—	1	—	Calif.*
<i>Mangifera indica</i> (mango).....	do.....	5	1	—	Calif.*
<i>Persea americana</i> (avocado).....	do.....	2	1	—	Hawaii.
<i>Psidium guajava</i> (guava).....	do.....	2	—	—	Calif.*
<i>Terminalia catappa</i> (Indian almond).....	do.....	1	—	—	Hawaii.
<i>Dacus dorsalis</i> Hend. (?) (Tephritidae): <i>Mangifera indica</i> (mango).....	do.....	1	—	—	Do.
<i>Persea americana</i> (avocado).....	do.....	1	—	—	Calif.*
<i>Dacus oleae</i> (Gmel.) (Tephritidae): <i>Olea europaea</i> (olive).....	Italy, Lebanon, Portugal, Spain, Syria.....	29	—	1	Mass., Mich., N. Y.
<i>Dacus oleae</i> (Gmel.) (?) (Tephritidae): <i>Olea europaea</i> (olive).....	Italy.....	2	—	—	N. Y.
<i>Dendrothrips ornatus</i> (Jablon) (Thripidae): <i>Syringa</i> sp. (lilac).....	Netherlands.....	1	—	—	N. Y.
<i>Deroceras reticulatum</i> (Muller) (Mollusca): <i>Apium graveolens</i> (celery).....	do.....	—	1	—	Pa.
Araccae.....	Costa Rica.....	—	1	—	Fla.
<i>Brassica oleracea capitata</i> (cabbage).....	England, Italy, Netherlands, New Zealand, Spain.....	1	5	—	La., Mass., N. Y., Pa.
<i>Cymbidium</i> sp. (orchid).....	Australia.....	—	1	—	Hawaii.
<i>Foeniculum vulgare dulce</i>	Belgium.....	—	1	—	Mass.
<i>Lactuca sativa</i> (lettuce).....	Philippines, Portugal.....	—	2	—	Hawaii.
Leaf—unidentified.....	Japan.....	1	—	—	N. Y.
Soil with assorted plants.....	Azores.....	—	1	—	Mass.
<i>Dialeurodes chittendeni</i> Laing (Aleyrodidae): <i>Rhododendron catawbiense</i>	Netherlands.....	—	3	—	N. J.
<i>Rhododendron giganteum</i>	do.....	—	1	—	N. J.
<i>Rhododendron roseum</i>	do.....	—	4	—	N. J.
<i>Rhododendron</i> sp.....	England, Netherlands.....	—	10	—	N. J.
<i>Dialeurodes citri</i> (Ashm.) (Aleyrodidae): <i>Citrus sinensis</i> (orange).....	Japan.....	—	1	—	Calif.*
<i>Gardenia augusta</i>	Mexico.....	—	1	—	Tex.
<i>Gardenia</i> var.....	Japan.....	—	1	—	Calif.*
<i>Dialeurodes citrifolii</i> (Aleyrodidae): <i>Citrus</i> sp.....	Colombia, Mexico.....	3	—	—	Fla.*, Tex.
<i>Dialeurodes kirkaldyi</i> (Kot.) (Aleyrodidae): <i>Gardenia</i> var.....	Philippines.....	1	—	—	Calif.*
<i>Jasminum sambac</i> (Arabian jasmine).....	do.....	—	2	—	Calif.*
Plant—unidentified.....	Japan.....	—	1	—	Calif.*
<i>Diaprepes famelicus</i> Oliv. var. (Curculionidae): <i>Hibiscus</i> sp.....	Bermuda.....	1	—	—	N. Y.
<i>Lilium</i> sp.....	do.....	1	—	—	N. Y.
<i>Diaspis carueli</i> (Targ.) (Coccidae): <i>Cryptomeria</i> sp.....	Japan.....	—	1	—	Calif.*
<i>Dicyphus annulatus</i> (Wolff) (Miridae): <i>Lactuca sativa</i> (lettuce).....	Germany.....	—	1	—	Mass.
<i>Dinoderopsis serriger</i> Lesne (?) (Bostrichidae): Wooden bowl.....	British East Africa.....	1	—	—	Ill.

Pests (insects) collected and reported from July 1, 1952, to June 30, 1953—Con.

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Diocalandra taitensis</i> (Guer.) (Curculionidae):					
<i>Brassica</i> sp. (mustard)	Hawaii	1			Hawaii.
<i>Cocos nucifera</i> (coconut)	do	1			Hawaii.
<i>Diorymerellus laevimargo</i> Champ. (Curculionidae):					
Orchid	Mexico			8	Tex.
<i>Diplacus gigantorhynchus</i> (Nal.) (Eriophyidae):					
<i>Prunus spinosa</i> (?)	Ireland	1			Mass.
<i>Dolichotetranychus floridanus</i> (Banks) (Phytotipalpidae):					
<i>Ananas comosus</i> (pineapple)	Cuba		1		Fla.*
<i>Dolichotetranychus vandergooti</i> (Oudas.) (Phytotipalpidae):					
<i>Dendrobium</i> sp. (orchid)	Thailand			1	Hawaii.
<i>Draeculacephala producta</i> (Walk.) (Cicadellidae):					
Airplane	Mexico		1		Tex.
<i>Gladiolus</i> sp.	do	1			Tex.
<i>Dysdercus flavolimbatus</i> Stal (Pyrrhocoridae):					
Palm	do	1			Tex.
<i>Dyspessa ulula</i> (Bkh.) (Cossidae):					
<i>Allium sativum</i> (garlic)	Italy, Spain	16			N. Y.
<i>Epidiaspis piricola</i> (del Guer.) (Coccidae):					
<i>Malus sylvestris</i> (apple)	Greece, Italy	1		1	N. Y.
<i>Prunus domestica</i> (plum)	Chile	1			N. Y.
<i>Pyrus communis</i> (pear)	France			1	D. C.
<i>Epilachna varivestis</i> Muls. (Coccinellidae):					
Orchid	Mexico			1	Tex.
<i>Selaginella</i> sp.	do			1	Tex.
<i>Epinotia opposita</i> Hein. (Olethreutidae):					
<i>Phaseolus vulgaris</i> var. (string bean)	Mexico, Peru, Uruguay	4	6		La., N. Y., Tex.
<i>Ereuentis flavistriata</i> Wlsm. (Tineidae):					
<i>Cocos nucifera</i> (coconut)	Hawaii	12			Hawaii.
<i>Ericerus pe-la</i> (Chav.) (Coccidae):					
<i>Prunus</i> var	Japan			1	Calif.*
<i>Eriococcus abeliceae</i> Kuw. (Coccidae):					
<i>Zelkova</i> sp.	do			1	Calif.*
<i>Eriophyes canestrinii</i> (Nal.) (Eriophyidae):					
<i>Buxus sempervirens</i> (box)	Netherlands			3	N. J.
<i>Buxus</i> sp.	do			6	N. J.
<i>Eriophyes leionotus</i> (Nal.) (Eriophyidae):					
<i>Betula</i> sp.	Finland	1			Mass.
<i>Eriophyes similis</i> Nal. (Eriophyidae):					
<i>Prunus spinosa</i> (?)	Ireland	1			Mass.
<i>Euborellia moesta</i> (Serv.) (Labiduridae):					
<i>Lilium</i> sp.	Italy			1	N. Y.
<i>Euborellia plebeja</i> (Dohrn.) (Labiduridae):					
<i>Mangifera indica</i> (mango)	Thailand			1	N. J.
<i>Eucalymnatus tessellatus</i> (Sign.) (Coccidae):					
<i>Gardenia augusta</i> (gardenia)	Australia, Guatemala, Hawaii, Mexico	4			La., Hawaii, Tex.
<i>Eulachnus pinifirmosanus</i> Takah. (?) (Aphidae):					
<i>Pinus</i> sp. (pine)	Japan			1	Calif.*
<i>Eurytoma orchidearum</i> (Westw.) (Eurytomidae):					
<i>Cattleya leopoldii</i> (orchid)	Brazil			1	N. J.
<i>Cattleya</i> sp.	Venezuela			4	N. J.
<i>Euseceps postfasciatus</i> (Fairm.) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)	Colombia, Hawaii, Peru, Puerto Rico, Tortola, Trinidad	3	3		Ala., Hawaii, Md., N. Y., St. Thomas & St. John, Tex.
<i>Eustrophinus marginatus</i> Champ. (Melandryidae):					
Orchid	Mexico			1	Tex.
<i>Eutetranychus banksi</i> (McG.) (Tetranychidae):					
<i>Rosa</i> sp.	Mexico (?)			1	Tex.
Sapote	Mexico	1			Tex.
<i>Evergestis forficatis</i> (L.) (Pyraustidae):					
<i>Brassica oleracea capitata</i> (cabbage)	Belgium			3	Pa., Tex.
<i>Evergestis rhimosalis</i> (Gn.) (Pyraustidae):					
<i>Brassica oleracea capitata</i>	France			1	N. Y.
<i>Explochiomera oblonga</i> Stal (Lygaeidae):					
<i>Gladiolus</i> sp.	Mexico	1			Calif.*

Pests (insects) collected and reported from July 1, 1952, to June 30, 1953—Con.

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Ferrisia virgata</i> (Ckll.) (Coccidae):					
<i>Asplenium nidus</i> (birdsnest fern)	Palmyra Island	1			Hawaii.
<i>Citrus</i> sp.	Mexico	1			Calif.*
<i>Codiaeum</i> sp. (croton)	Bahamas		1		N. Y.
<i>Cordyline terminalis</i> (ti)	Hawaii	1			Hawaii
<i>Dendrobium</i> sp. (orchid)	Philippines		1		Calif.*
<i>Gardenia augusta</i> (gardenia)	Cuba	1			Fla.*
<i>Izora</i> sp.	Trinidad	1			P. R.
<i>Laelia albida</i> (orchid)	Mexico		1		Calif.*
<i>Mussaenda</i> sp.	Philippines		1		Calif.*
<i>Odontoglossum</i> sp. (orchid)	Trinidad		1		N. J.
<i>Operculina tuberosa</i> (wood-rose)	Hawaii	1			Hawaii.
<i>Portulaca</i> sp.	Mexico		1		Tex.
<i>Rosa</i> sp.	Cuba	1			Fla.*
Shrub—unidentified	Philippines		1		Hawaii.
<i>Frankliniella bispinosa</i> (Morg.) (Thripidae):					
Flowers—mixed	Bermuda	1			N. Y.
<i>Freesia</i> sp.	do.	1			N. Y.
<i>Gladiolus</i> sp.	Argentina	1			N. Y.
<i>Hibiscus</i> sp.	Bermuda	2	1		N. Y.
<i>Jasminum</i> sp.	do.	1			N. Y.
Moss with plants	France		1		Mass.
<i>Pittosporum undulatum</i> (orange pittosporum)	Bermuda		1		Mass.
<i>Frankliniella cestrum</i> Mlt. (Thripidae):					
<i>Bromus</i> sp.	Argentina			1	D. C.
<i>Melilotus alba</i> (white sweet clover)	do.			1	D. C.
<i>Frankliniella formosae</i> Mlt. (Thripidae):					
<i>Chrysanthemum</i> sp.	Japan	3	2	1	Calif.*, Hawaii, Wash.
<i>Dianthus</i> sp. (carnation)	do.	1	1	1	Hawaii, Wash.
Flowers—mixed	do.	2			Wash.
<i>Gladiolus</i> sp.	do.	1			Hawaii.
<i>Frankliniella fortissima</i> Pr. (Thripidae):					
<i>Gladiolus</i> sp.	Mexico	2			Calif.*
<i>Frankliniella intonsa</i> (Tryb.) (Thripidae):					
<i>Calluna vulgaris</i> (heather)	Scotland	1			N. Y.
<i>Dianthus</i> sp. (carnation)	Germany	1			N. Y.
<i>Gladiolus</i> sp.	Germany, unknown	1	1		N. Y.
<i>Primula</i> spp.	England	1			N. J.
<i>Rosa</i> sp. (rose)	England, Germany	3			Mass., N. Y.
<i>Frankliniella pallida</i> (Uzel) (Thripidae):					
<i>Leontopodium alpinum</i> (edelweiss)	Switzerland	1			D. C.
<i>Frankliniella paucispinosa</i> Mlt. (Thripidae):					
<i>Dahlia</i> sp.	Brazil		1		Fla.*
<i>Frankliniella schultzei</i> (Tryb.) (Thripidae):					
Flowers—unidentified	India		1		N. Y.
<i>Ornithogalum thyrsoides</i> (chinkerichiee)	Union of South Africa	2			N. J.
<i>Fulvius anthocorides</i> Stal (Miridae):					
Orchid	Guatemala, Mexico			3	Tex.
<i>Philodendron</i> sp.	Mexico			2	Tex.
<i>Fundella pellucens</i> (Zell.) (Phycitidae):					
<i>Phaseolus vulgaris</i> var. (string bean)	Canal Zone, Jamaica	2			Ala., Fla.*
<i>Fundella pellucens</i> (Zell.) (?) (Phycitidae):					
<i>Phaseolus vulgaris</i> var. (string bean)	Venezuela	2			Ala.
<i>Furcaspis bififormis</i> (Ckll.) (Coccidae):					
<i>Brassavola nodosa</i> (orchid)	Canal Zone		1		Calif.*
<i>Brassia</i> sp. (orchid)	do.		1		Calif.*
<i>Cattleya aurea</i> (orchid)	do.		1		Calif.*
<i>Cattleya dowiana</i>	Panama		1		Tex.
<i>Cattleya skinneri</i>	Costa Rica		1		Calif.*
<i>Cattleya</i> sp.	Costa Rica, Venezuela		3		Fla., N. J., Tex.
<i>Epidendrum atropurpureum</i> (orchid)	Canal Zone			3	Calif.*
<i>Epidendrum</i> sp.	do.			5	Calif.*, Fla., Hawaii, N. J.
<i>Laelia albida</i> (orchid)	Mexico			1	Calif.*
<i>Maxillaria luteoalba</i> (orchid)	Canal Zone			1	Calif.*
<i>Oncidium ampliatum</i> (orchid)	do.			1	Calif.*
<i>Oncidium panamense</i>	do.			1	Calif.*
<i>Oncidium parviflorum</i>	do.			1	Calif.*
<i>Oncidium</i> sp.	Canal Zone, Trinidad			2	Fla., N. J.

Pests (insects) collected and reported from July 1, 1952, to June 30, 1953—Con.

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Furcaspis biformis</i> —Continued					
Orchid.....	American Virgin Islands, Canal Zone, Curacao, Jamaica, Morocco, Panama.	---	---	20	Calif.* Fla., N. J., St. Thomas & St. John.
Palm.....	Mexico.....	2	---	---	Tex.
<i>Pedilanthus</i> sp.....	Indonesia.....	---	---	1	N. J.
<i>Vanda</i> sp. (orchid).....	Hawaii.....	1	---	---	Hawaii.
<i>Furcaspis oceanica</i> Ldgr. (Coccidae):					
<i>Cocos nucifera</i> (coconut).....	Kwajalein.....	1	---	---	Do.
<i>Galgupha magna</i> Sailer (Pentatomidae):					
Orchid.....	Mexico.....	---	---	1	Tex.
<i>Galgupha vinculata</i> (Germar) (Pentatomidae):					
<i>Andropogon condensatus</i>	Brazil.....	---	---	1	D. C.
<i>Gelechia ericetella</i> (Hbn.) (Gelechiidae):					
<i>Calluna vulgaris</i> (heather).....	Germany, Scotland.....	4	---	---	Mass., N. Y.
<i>Gerstaeckeria nuttillaria</i> (Gerst.) (Curculionidae):					
<i>Mammillaria</i> sp. (cactus).....	Mexico.....	---	---	1	Tex.
<i>Glycyphagus domesticus</i> Deg. (Glycyphagidae):					
<i>Allium cepa</i> (onion).....	Ireland.....	1	---	---	N. Y.
<i>Diospyros</i> sp. (persimmon).....	Italy.....	1	---	---	N. Y.
<i>Malus sylvestris</i> (apple).....	Germany.....	1	---	---	Pa.
<i>Pyrus communis</i> (pear).....	do.....	1	---	---	Fla.*
Soil around carrots.....	Argentina.....	---	1	---	Mass.
<i>Solanum tuberosum</i> (potato).....	Netherlands.....	---	1	---	Tex.
Straw jacket.....	France.....	1	---	---	Fla.*
<i>Gnorimoschema borsaniella</i> Koehr. (?) (Gelechiidae):					
<i>Capsicum frutescens</i> (pepper).....	Brazil.....	---	1	---	Pa.
<i>Gnorimoschema gudmannella</i> (Wlsm.) (Gelechiidae):					
<i>Capsicum frutescens</i>	Mexico.....	5	---	---	Ariz.
<i>Capsicum frutescens grossum</i> (bell pepper).....	do.....	1	---	---	Ariz.
<i>Capsicum frutescens longum</i> (chili pepper).....	do.....	2	---	---	Calif., Tex.
<i>Gortyna flavago</i> (Schiff.) (Phalaenidae):					
<i>Cynara cardunculus</i> (cardoon).....	Italy.....	---	---	1	N. Y.
<i>Gortyna ochracea</i> (Hbn.) (Phalaenidae):					
<i>Cynara scolymus</i> (globe artichoke).....	France.....	---	2	---	Tex.
<i>Gracilaria azalea</i> Brants (Gracilariidae):					
<i>Rhododendron indicum</i> (indica azalea).....	Belgium.....	---	---	3	N. J.
<i>Rhododendron</i> sp.....	England, Netherlands.....	---	---	2	N. J., Wash.
<i>Grapholitha molesta</i> (Busck) (Olethreutidae):					
<i>Malus sylvestris</i> (apple).....	Japan.....	---	1	---	Tex.
<i>Prunus persica</i> (peach).....	do.....	1	1	---	Wash.
<i>Gymnandrosoma aurantianum</i> DaCosta Lima (Olethreutidae):					
<i>Citrus sinensis</i> (orange).....	Brazil.....	---	1	---	Va.
<i>Halyomorpha picta</i> (F.) (Pentatomidae):					
<i>Oryza sativa</i> (rice).....	Japan.....	1	---	---	Hawaii.
<i>Haplothrips gowdeyi</i> (Frankl.) (Phlaeothripidae):					
<i>Antirrhinum majus</i> (snapdragon).....	Haiti.....	1	---	---	P. R.
<i>Centaurea americana</i> (basketflower).....	Bermuda.....	1	---	---	Mass.
<i>Chrysanthemum</i> sp.....	Israel.....	1	---	---	N. Y.
<i>Cordylina terminalis</i> (ti).....	Hawaii.....	2	---	---	Hawaii.
Flowers—mixed.....	India, Madeira Islands.....	1	1	---	N. Y.
<i>Gerbera</i> sp.....	Bermuda.....	1	---	---	N. Y.
<i>Hibiscus</i> sp.....	Bermuda, Japan.....	3	1	---	Hawaii, N. Y.
<i>Lathyrus odoratus</i> (sweet pea).....	Australia, Bermuda.....	1	1	---	Hawaii, N. Y.
<i>Nerium oleander</i> (oleander).....	Bermuda.....	---	---	1	N. Y.
<i>Viola</i> sp. (violet).....	do.....	1	---	---	N. Y.
<i>Haplothrips nigricornis</i> (Bagn.) (Phlaeothripidae):					
<i>Ornithogalum thyrsoides</i> (chinkerichee).....	Union of South Africa.....	2	---	---	N. J., N. Y.
<i>Haplothrips wouramboulchii</i> Mlt. (Phlaeothripidae):					
<i>Ornithogalum thyrsoides</i> (chinkerichee).....	do.....	2	---	---	N. Y.
<i>Helix aspersa</i> (Mollusca):					
<i>Agave</i> sp.....	Mexico.....	---	---	1	Ariz.
Flowers—mixed.....	New Zealand.....	1	---	---	Hawaii.
<i>Heterobostrychus aequalis</i> Waterh. (Bostrichidae):					
Wooden crate.....	India.....	7	---	---	Calif.*

Pests (insects) collected and reported from July 1, 1952, to June 30, 1953—Con.

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Heterotermes converinotatus</i> (Snyder) (Rhinotermitidae):					
<i>Eugenia floribunda</i> (guavaberry).....	Jost Van Dykes.....	1			St. Thomas & St. John.
<i>Hydrellia nasturtii</i> Collin (Ephydriidae):					
<i>Rorippa nasturtium-aquaticum</i> (watercress).....	England.....		1		Mass.
<i>Hylurgopinus rufipes</i> (Eichh.) (Scolytidae):					
<i>Ulmus</i> sp. (elm).....	Canada.....	3			N. Y.
<i>Hylurgops palliatus</i> (Gyll.) (Scolytidae):					
<i>Picea</i> sp. (spruce).....	Sweden.....	1			N. Y.
<i>Pinus</i> sp. (pine).....	Germany.....	1			Ala.
<i>Hypera nigristris</i> (F.) (Curculionidae):					
Forest litter.....	Spain.....	1			N. Y.
<i>Icerya palmeri</i> Riley & Howard (Coccidae):					
<i>Rathbunia</i> sp. (cactus).....	Mexico.....			1	Tex.
<i>Ips sexdentatus</i> (Boern.) (Scolytidae):					
<i>Pinus</i> sp. (pine).....	Belgium.....	1			Tex.
<i>Iridomyrmex humilis</i> Mayr (Formicidae):					
Airplane.....	Hawaii.....		1		Hawaii.
<i>Ananas comosus</i> (pineapple).....	Azores.....	1	1		N. Y.
<i>Cynara scolymus</i> (globe artichoke).....	Italy.....	1			N. Y.
<i>Dianthus</i> sp. (carnation).....	do.....	2			N. Y.
<i>Gladiolus</i> sp.....	Bermuda.....	1			N. Y.
<i>Hedera</i> sp. (ivy).....	do.....			1	N. Y.
<i>Laurus nobilis</i> (Grecian laurel).....	do.....	1			N. Y.
Orchid.....	Hawaii.....	1			Hawaii.
<i>Polianthes tuberosa</i> (tuberoze).....	Italy.....	1			N. Y.
<i>Saccharum officinarum</i> (sugarcane).....	Portugal.....	1			N. Y.
Sultcase.....	Azores.....	2			N. Y.
<i>Vanda</i> sp. (orchid).....	Hawaii.....	1			Hawaii.
<i>Vitis</i> sp. (grape).....	Union of South Africa.....	2			N. Y.
<i>Zantedeschia aethiopica</i> (calla lily).....	Azores.....			1	Mass.
<i>Iridomyrmex iniguus</i> Mayr (Formicidae):					
<i>Lycaste</i> sp. (orchid).....	Guatemala.....			1	N. J.
Orchid.....	Brazil, Guatemala.....			5	Fla., N. J., Tex.
<i>Kaloterms durbanensis</i> Hav. (Kalotermitidae):					
Conifer board.....	Union of South Africa.....		1		Tex.
<i>Lampyris equestris</i> (F.) (Syrphidae):					
<i>Narcissus</i> sp.....	England, Italy, Netherlands, Switzerland.....			5	N. J., N. Y., Oreg., Tex., Va.
<i>Scilla natalensis</i>	Union of South Africa.....			1	N. J.
<i>Solanum tuberosum</i> (potato).....	do.....		1		N. Y.
<i>Lampidex boeticus</i> (L.) (Lycanidae):					
<i>Canavalia</i> sp.....	Hawaii.....	25			Calif.*, Hawaii.
<i>Coleus blumei</i> (coleus).....	do.....	1			Do.
<i>Laspeyresia leguminis</i> Hein. (Olethreutidae):					
<i>Phaseolus vulgaris</i> var. (string bean).....	Mexico.....		1		Tex.
<i>Laspeyresia splendida</i> (Hbn.) (Olethreutidae):					
<i>Castanea</i> sp. (chestnut).....	England, Italy, Japan, Portugal, Spain, Yugoslavia.....	36	1		Calif.*, Mass., N. Y., Pa., Tex.
<i>Lecanium corni</i> (Bouche) (Coccidae):					
<i>Laurus</i> sp.....	Italy.....	1			Mass.
<i>Vitis</i> sp.....	Portugal.....			1	Mass.
<i>Lepidosaphes bladhiae</i> Tak. (tentative) (Coccidae):					
Succulent—unidentified.....	Hawaii.....			1	Calif.*
<i>Lepidosaphes carinata</i> (Ckll.) (Coccidae):					
<i>Philodendron</i> sp.....	Mexico.....			2	Tex.
<i>Lepidosaphes esakii</i> Tak.					
<i>Cocos nucifera</i> (coconut).....	Kwajalein.....	1			Hawaii.
<i>Lepidosaphes ficus</i> (Sign.) (Coccidae):					
<i>Ficus</i> sp. (fig).....	Italy, Turkey.....	1		3	D. C., Mass.
<i>Lepidosaphes kuwacola</i> Kuw. (Coccidae):					
<i>Zelkova</i> sp.....	Japan.....			1	Wash.
<i>Lepidosaphes machili</i> (Mask.) (Coccidae):					
<i>Chaenomeles</i> sp.....	do.....			1	Calif.*

Pests (insects) collected and reported from July 1, 1952, to June 30, 1953—Con.

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Lepidosaphes newsteadi</i> (Sulc.) (Coccidae):					
<i>Chamaecyparis</i> sp.	do.			1	Calif.*
<i>Juniperus chinensis</i> (Chinese juniper)	do.			2	Calif.*
<i>Juniperus</i> sp.	do.			3	Calif.*
<i>Pinus</i> sp. (pine)	do.		1		Calif.*
<i>Tamarix</i> sp. (tamarisk)	do.			1	Calif.*
<i>Lepidosaphes pallida</i> (Green) (Coccidae):					
<i>Juniperus</i> sp.	do.			8	Calif.*
<i>Lepidosaphes philococcus</i> (Ckll.) (Coccidae):					
<i>Beaucarnea</i> sp.	Mexico			1	Tex.
Cactus	do.			1	Tex.
<i>Pachycereus marginatus</i> (cactus)	do.			1	Tex.
<i>Lepidosaphes tokionis</i> (Kuw.) (Coccidae):					
<i>Codiaeum variegatum</i> (croton)	Hawaii, Thailand	1		1	Calif.*, Hawaii.
<i>Codiaeum</i> sp.	Canal Zone, Ecuador, Guam, Hawaii.	6		5	Calif.*, Fla., Hawaii.
<i>Hibiscus</i> sp.	Hawaii.			1	Hawaii.
<i>Lepidosaphes tuberculata</i> Mal. (Coccidae):					
<i>Cymbidium sinense</i> (orchid)	China			1	Calif.*
<i>Cymbidium</i> sp.	Australia, England, Formosa, India, Japan, Netherlands.			50	Calif.*, Hawaii, N. J.
<i>Dendrobium</i> sp. (orchid)	Australia			1	Calif.*
<i>Lepidosaphes vermiformis</i> Tak. (Coccidae):					
<i>Bambusa</i> sp. (bamboo)	Philippines	1			Hawaii.
<i>Leptoglossus chilensis</i> (Spinola) (Coreidae):					
<i>Vitis</i> sp. (grape)	Chile	8			N. Y., Tex.
<i>Leucaspis cockerelli</i> (de Charmoy) (Coccidae):					
<i>Arundinaria</i> sp.	Hawaii			1	Hawaii.
<i>Citrus aurantifolia</i>	Cuba, Jamaica, Salvador.	3			Calif.*, Fla.*
<i>Citrus aurantifolia</i> (sour lime)	Central America, Costa Rica, Jamaica.		3		Calif.*
<i>Citrus limon</i> (lemon)	Salvador	1			Calif.*
<i>Citrus paradisi</i> (grapefruit)	Cuba, Jamaica, Trinidad.		3		Calif.*
<i>Citrus sinensis</i> (orange)	British West Indies, Canal Zone, West Indies.	3	4		Calif.*, Fla.*
Leaf—unidentified	Ecuador	1			Calif.*
Orchid	Nicaragua, Panama.			2	Calif.*
<i>Leucinodes orbonalis</i> Guen. (Pyraustidae):					
<i>Solanum melongena</i> (eggplant)	Cape Verde Islands		1		Md.
<i>Ligyrocotis nitidicollis</i> (Stal) (Lygaeidae):					
Orchid	Guatemala			1	Tex.
<i>Ligyrrus ebenus</i> (Deg.) (Scarabaeidae):					
<i>Ananas comosus</i> (pineapple)	Mexico	1			Tex.
<i>Limax marginatus</i> (Muller) (Mollusca):					
<i>Brassica oleracea capitata</i> (cabbage)	Spain		1		Pa.
<i>Chaneomeles</i> sp.	Japan			1	Hawaii.
<i>Limax maximus</i> L. (Mollusca):					
<i>Brassica oleracea capitata</i>	Italy		1		Pa.
<i>Lineodes integra</i> (Zell.) (Pyraustidae):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Tex.
<i>Solanum melongena</i> (eggplant)	do.	1			Ariz.
<i>Listroderes costirostris obliquus</i> Klug. (Curculionidae):					
<i>Brassica rapa</i> (turnip)	Japan		1		Pa.
<i>Listroderes subcinctus</i> Boh. (Curculionidae):					
Packing with plums	Chile	1			N. Y.
<i>Prunus domestica</i> (plum)	do.	1			N. Y.
<i>Prunus persica nectarina</i> (nectarine)	do.	1			N. Y.
<i>Lizus junci</i> Boh. (Curculionidae):					
<i>Beta vulgaris</i> (beet)	Egypt		1		N. Y.
<i>Lygus rugulipennis</i> Poppius (Miridae):					
<i>Dianthus</i> sp. (carnation)	Germany	1			N. Y.
<i>Macrodactylus mexicanus</i> Burm. (Scarabaeidae):					
<i>Chrysanthemum maximum</i> (Shasta daisy)	Mexico	1			Tex.
<i>Macroplax fasciata</i> Hsiao & Sailer (Lygaeidae):					
<i>Cistus laurifolius</i> (laurel rockrose)	Turkey			1	D. C.
<i>Macropygium reticulata</i> (F.) (Pentatomidae):					
Orchid	Mexico			1	Tex.

Pests (insects) collected and reported from July 1, 1952, to June 30, 1953—Con.

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Macrosiphum formosanum</i> Takah. (Aphidae): <i>Lactuca sativa</i> (lettuce).....	Japan, Philippines.....	1	1	---	Hawaii.
<i>Macrosiphum gei</i> (Koch) (?) (Aphidae): <i>Dianthus</i> sp. (carnation).....	Germany.....	---	---	1	N. Y.
<i>Mamestra brassicae</i> L. (Phalaenidae): <i>Brassica oleracea capitata</i> (cabbage).....	France, Italy.....	---	2	---	N. Y., Pa.
<i>Brassica rapa</i> (turnip).....	France.....	---	1	---	Pa.
<i>Maruca testulalis</i> (Geyr.) (Pyraustidae): <i>Canavalia</i> sp.....	Hawaii.....	10	---	---	Calif.*; Hawaii.
<i>Phaseolus vulgaris</i> var. (string bean).....	Brazil, Cuba, Hawaii, Japan, Puerto Rico.	2	6	---	Calif.*; Hawaii, Mass., P. R., Tex., Wash.
<i>Megalometis chiliensis</i> Boh. (Curculionidae): <i>Prunus domestica</i> (plum).....	Chile.....	2	---	---	N. Y.
<i>Prunus persica nectarina</i> (nectarine).....	do.....	1	---	---	N. Y.
<i>Metamasius sericeus</i> (Oliv.) (Curculionidae): <i>Musa paradisiaca sapientum</i> (banana).....	Costa Rica, Ecuador, Panama.	38	---	---	Calif.*; N. Y., S. C., Tex.
<i>Metamasius sericeus carbonarius</i> (Chev.) (Curculionidae): <i>Musa paradisiaca sapientum</i> (banana).....	Mexico.....	1	---	1	Tex.
<i>Micrapate labialis</i> Lesne (Bostrychidae): <i>Euphorbia pulcherrima</i> (poinsettia).....	do.....	1	---	---	Calif.*
<i>Micrelus ericae</i> (Gyll.) (Curculionidae): <i>Calluna vulgaris</i> (heather).....	Germany, Scotland.....	7	---	---	Mass., N. Y.
<i>Microcephalothrips abdominalis</i> Crawford. (Thripidae): <i>Chrysanthemum</i> sp.....	Japan.....	---	1	---	Calif.*
Flowers—unidentified.....	India, Japan.....	1	1	---	N. Y., Wash.
<i>Mimosastes dominicanus</i> (Jekel) (Bruchidae): <i>Acacia farnesiana</i> (sweet acacia).....	Trinidad.....	---	---	1	Tex.
<i>Caesalpinia coriaria</i> (divi-divi).....	Dominican Republic.....	1	---	---	Pa.
<i>Mimosastes sallaei</i> (Sharp) (Bruchidae): <i>Acacia</i> sp.....	Trinidad.....	---	---	1	Tex.
Airplane.....	Hawaii.....	---	1	---	Hawaii.
<i>Punica granatum</i> (pomegranate).....	Mexico.....	1	---	---	Ariz.
<i>Minthea rugicollis</i> (Wlk.) (Lyctidae): Root—unidentified.....	China.....	1	---	---	Hawaii.
Wooden crates.....	India.....	30	---	---	Calif.*
<i>Mitrostethus brouni</i> Faust (Curculionidae): <i>Cordylus terminalis</i> (ti).....	Hawaii.....	---	---	1	Hawaii.
<i>Mniophila muscorum</i> Koch (Chrysomelidae): Soil with plants.....	Italy.....	---	---	1	N. Y.
<i>Monacha obstructa</i> (Fer.) (Mollusca): Vegetables.....	Lebanon (?).....	---	1	---	Calif.*
<i>Monomorium destructor</i> (Jerd.) (Formicidae): <i>Bryophyllum</i> sp.....	Jamaica.....	1	---	---	Mass.
Bulb.....	Japan.....	---	---	1	Hawaii.
Flowers—mixed.....	Bermuda.....	1	---	---	N. Y.
Herb.....	Jamaica.....	1	---	---	Mass.
Orchid.....	do.....	---	---	1	Fla.
Rhizome—unidentified.....	do.....	---	---	1	Mass.
<i>Saccharum officinarum</i> (sugarcane).....	Venezuela.....	1	---	---	N. Y.
<i>Vanda</i> sp. (orchid).....	India.....	---	---	1	N. J.
<i>Moodna bisinuella</i> Hamp. (Phycitidae): <i>Zea mays</i> (corn).....	Mexico.....	---	1	---	Tex.
<i>Morganella longispina</i> (Morg.) (Coccidae): <i>Citrus grandis</i> (pummelo).....	Tahiti.....	1	---	---	Calif.*
<i>Nerium oleander</i> (oleander).....	Bahamas, Bermuda.....	---	---	2	D. C., N. Y.
<i>Myochrous carinatus</i> Jac. (Chrysomelidae): <i>Ananas comosus</i> (pineapple).....	Mexico.....	1	---	---	Tex.
<i>Myochrous femoralis</i> Jac. (Chrysomelidae): Orchid.....	Canal Zone.....	---	---	1	N. J.
<i>Myodocha longicollis</i> Stal (Lygaeidae): Orchid.....	Mexico.....	---	---	2	Tex.
<i>Nasutitermes nigriceps</i> (Haldeman) (Termitidae): Orchid.....	Trinidad.....	---	---	1	Fla.
<i>Neodryocoetes guianae</i> Blkm. (Scolytidae): <i>Cajanus cajan</i> (pigeonpea).....	British Guiana.....	---	---	1	N. J.

Pests (insects) collected and reported from July 1, 1952, to June 30, 1953—Con.

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Neoleucinodes elegantalis</i> (Guen.) (Pyraustidae):					
<i>Capsicum frutescens</i> (pepper)	Brazil		1		Pa.
<i>Lycopersicon esculentum</i> (tomato)	Brazil, Mexico	6	1		Pa., Tex.
<i>Solanum melongena</i> (eggplant)	Brazil		1		Md.
<i>Solanum</i> sp.	Paraguay			1	D. C.
<i>Neolobophora ruficeps</i> (Burm.) (Forficulidae):					
Orchid	Costa Rica			1	Fla.
<i>Nysius coenosulus</i> Stal (Lygaeidae):					
Airplane	Hawaii		1		Hawaii.
<i>Vanda</i> sp. (orchid)	do	1			Hawaii.
<i>Nysius simulans</i> Stal (Lygaeidae):					
<i>Stipa</i> sp.	Argentina			1	D. C.
<i>Odonaspis greeni</i> Ckll. (Coccidae):					
<i>Bambusa</i> sp. (bamboo)	Hawaii	1			Calif.*
<i>Oncomelopia fowleri</i> Dist. (Cicadellidae):					
Palm	Mexico	1			Tex.
<i>Onthophagus taurus</i> (Schr.) (Scarabaeidae):					
<i>Ananas comosus</i> (pineapple)	Azores			1	N. Y.
<i>Orthezia praelonga</i> Dougl. (Coccidae):					
<i>Codiaeum</i> sp. (croton)	Unknown		1		N. Y.
<i>Orthezia selaginellae</i> Morr. (Coccidae):					
<i>Selaginella</i> sp.	Mexico			1	Tex.
<i>Orthotylus ericetorum</i> (Fall.) (Miridae):					
<i>Calluna vulgaris</i> (heather)	Scotland	1			Mass.
<i>Ozycareus bicolor</i> Fieber (Lygaeidae):					
Flowers—unidentified	Australia	1			Hawaii.
<i>Orydema fusiforme</i> Woll. (Curculionidae):					
Bulb—unidentified	Hawaii	1			Hawaii.
<i>Zingiber officinale</i> (ginger)	do	1			Hawaii.
<i>Ozycareus hyalinipennis</i> (Costa) (Lygaeidae):					
<i>Gossypium</i> sp. (cotton; boll)	Italian, Somaliland	1			N. Y.
<i>Orydema longulum</i> (Boh.) (Curculionidae):					
<i>Cordylone terminalis</i> (ti)	Hawaii	1			Hawaii.
<i>Strelitzia</i> sp.	do	1			Hawaii.
<i>Pachyzancla bipunctalis</i> (F.) (Pyraustidae):					
<i>Acalypha</i> sp. (?)	Brazil			1	P. R.
<i>Palaeopus costicollis</i> Mshl. (Curculionidae):					
<i>Dioscorea</i> sp. (yam)	Jamaica	1			Fla.*
<i>Pantomorus godmani</i> (Crotch) (Curculionidae):					
<i>Alpinia purpurata</i> (red ginger)	Hawaii	1			Hawaii.
<i>Cordylone terminalis</i> (ti)	do	1			Hawaii.
<i>Heliconia</i> sp.	do	1			Hawaii.
Orchid	do	1			Hawaii.
<i>Paraleyrodes citri</i> (Bondar) (?) (Aleyrodidae):					
Palm	Mexico	1			Tex.
<i>Paraleyrodes goyabae</i> (Goeldi) (?) (Aleyrodidae):					
<i>Psidium</i> sp., prob. <i>guajava</i>	do			1	Ariz.
<i>Parallelodiplosis cattleyae</i> Moll. (?) (Itonididae):					
Orchid	Jamaica			1	Fla.
<i>Paraputo taraktogoni</i> Rao (Coccidae):					
<i>Curcuma amada</i>	India			1	Hawaii.
<i>Parlatoria camelliae</i> Comst. (Coccidae):					
<i>Camellia japonica</i> (camellia)	Japan	1		1	Hawaii.
<i>Camellia</i> sp.	Japan, Portugal			7	Calif.*, Hawaii, N. J.
<i>Parlatoria cinerea</i> Hadden (Coccidae):					
<i>Citrus aurantifolia</i>	Mexico	1			Calif.*
<i>Citrus aurantifolia</i> (sour lime)	Argentina, Mexico		3		Calif.*, Hawaii.
<i>Citrus paradisi</i> (grapefruit)	Argentina, Cuba, Grenada, Trinidad.		4		Calif.*, Fla.*, St. Thomas & St. John.
<i>Citrus sinensis</i> (orange)	Argentina, Israel, Italy		5		Calif.*, Fla.*
<i>Parlatoria crotonis</i> Dougl. (Coccidae):					
<i>Codiaeum</i> sp. (croton)	Cuba	1			Fla.*
<i>Parlatoria oleae</i> (Colvee) (Coccidae):					
<i>Diospyros</i> sp. (persimmon)	Italy	1			N. Y.
<i>Malus sylvestris</i> (apple)	Egypt, Greece, Italy	4	1		La., N. Y.
<i>Olea europaea</i> (olive)	Spain			1	N. J.
<i>Prunus domestica</i> (plum)	Portugal			1	Mass.
<i>Rhus</i> sp. (sumac)	Italy			1	D. C.
<i>Sorbus</i> sp. (sorbe apple)	Greece	1			N. Y.

Pests (insects) collected and reported from July 1, 1952, to June 30, 1953—Con.

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Parlatoria pseudaspidiotus</i> Ldgr. (Coccidae):					
Orchid	Sumatra		1		Mass.
<i>Vanda</i> sp. (orchid)	Hawaii, Thailand	2		1	Hawaii, N. J.
<i>Parlatoria pyri</i> Marl. (Coccidae):					
<i>Acer</i> sp. (maple)	Japan			1	Calif.*
<i>Parlatoria zizyphus</i> (Lucas) (Coccidae):					
<i>Citrus grandis</i> (pummelo)	Formosa		1		Calif.*
<i>Citrus limon</i> (lemon)	Algeria, Italy, Morocco, Philippines		10		Calif.*, Hawaii, Pa.
<i>Citrus reticulata</i> (Mandarin orange)	Algeria, China, Japan	2	1		Calif.*, Hawaii, Pa.
<i>Citrus sinensis</i> (orange)	Italy, Morocco, Panama, Spain		6		Calif.*, Pa.
<i>Pealius hibisci</i> (Kot.) (Aleyrodidae):					
<i>Gardenia</i> sp.	Hawaii	1			Calif.*
<i>Pectinophora gossypiella</i> (Saund.) (Gelechiidae):					
<i>Gossypium</i> sp. (cotton)	Japan	6			Calif.*, Wash.
<i>Gossypium</i> sp. (cotton; boll)	Hawaii, Mexico	4	2		Hawaii, Tex.
<i>Gossypium</i> sp. (cotton; lint)	Mexico	1			Tex.
<i>Gossypium</i> sp. (cotton; lock)	do	1			Tex.
<i>Gossypium</i> sp. (cottonseed)	American Virgin Islands, Anglo-Egyptian Sudan, Argentina, Brazil, Hawaii, India, Italian Somaliland, Italy, Mexico, Puerto Rico, Turkey	15	2	6	Ala., D. C., Hawaii, Nebr., N. Y., Pa., S. C., Tex.
<i>Gossypium</i> sp. (cotton; squares)	Mexico	1			Tex.
<i>Gossypium</i> sp. (seed cotton)	Antigua, Mexico	32	6	1	Mich., Tex.
<i>Hibiscus esculentus</i> (okra)	Haiti, Mexico, Trinidad, Turkey	7			La., Mass., N. Y., Tex.
Railway car	Mexico		1		Tex.
Truck bed	do		5		Tex.
<i>Perkinsiella vitiensis</i> Kirk (Delphacidae):					
Airplane	Fiji Islands		2		Hawaii.
<i>Phassus excrescens</i> Btlr. (?) (Hepialidae):					
<i>Paeonia suffruticosa</i> (tree peony)	Japan			1	Calif.*
<i>Pheidole megacephala</i> (F.) (Formicidae):					
<i>Acalypha wilkesiana</i> (painted copperleaf)	Hawaii	1			Hawaii.
<i>Ananas comosus</i> (pineapple)	Cape Verde Islands, Cuba, Hawaii	2	1		Hawaii, N. Y., Pa.
<i>Capsicum frutescens</i> (pepper)	Union of South Africa		1		Pa.
<i>Epidendrum</i> sp. (orchid)	Dominican Republic		1		N. J.
<i>Gladiolus</i> sp.	Bermuda	1			N. Y.
<i>Hibiscus esculentus</i> (okra)	Cuba	1			La.
<i>Hibiscus</i> sp.	Bermuda, Hawaii	6		1	Hawaii, N. Y.
<i>Lansium domesticum</i> (lanzon)	Philippines	1			Hawaii.
<i>Leonotis microphylla</i>	Transvaal		1		D. C.
<i>Lilium</i> spp. (lily)	Bermuda		1		N. Y.
Orchid	Brazil, Hawaii	1		1	Hawaii, N. J.
<i>Polianthes tuberosa</i> (tuberose)	Bermuda	1			N. Y.
<i>Schomburgkia</i> sp.	Honduras			1	Fla.
Tree seed	Dominica			1	P. R.
<i>Vanda</i> sp. (orchid)	Hawaii	1			Hawaii.
<i>Zingiber officinale</i> (ginger)	do	3			Hawaii.
<i>Phenacaspis aucubae</i> Cooley (Coccidae):					
<i>Diospyros</i> sp.	Korea			1	Calif.*
<i>Phenacaspis sandwicensis</i> Full. (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Hawaii	4			Calif.*, Hawaii.
<i>Mangifera indica</i> (mango)	do	1			Hawaii.
<i>Strelitzia reginae</i> (bird-of-paradise-flower)	do	2			Hawaii.
<i>Terminalia catappa</i> (tropical almond)	do	1			Hawaii.
<i>Phenacoccus fujicola</i> Kuw. (Coccidae):					
<i>Wisteria</i> sp.	Japan			1	Wash.
<i>Phlyctaenia ferrugalis</i> (Hbn.) (Pyraustidae):					
<i>Allium porrum</i> (leek)	Belgium		1		Calif.*
<i>Phlyctinus callosus</i> Boh. (Curculionidae):					
<i>Vitis</i> sp. (grape)	Union of South Africa	7			N. Y.

Pests (insects) collected and reported from July 1, 1952, to June 30, 1953—Con.

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Phorodon menthae</i> Buckt. (Aphidae): <i>Mentha spicata</i> (spearmint).....	Australia.....	---	1	---	Hawaii.
<i>Phyllotreta atra</i> (F.) (Chrysomelidae): <i>Brassica oleracea capitata</i> (cabbage).....	France.....	---	1	---	Va.
<i>Phyllotreta consobrina</i> (Curt.) (Chrysomelidae): <i>Brassica oleracea capitata</i> (cabbage).....	do.....	---	1	---	Va.
<i>Phyllotreta nigripes</i> (F.) (Chrysomelidae): <i>Rorippa nasturtium-aquaticum</i> (watercress).....	do.....	---	1	---	N. Y.
<i>Phyllotreta undulata</i> Kutsch (Chrysomelidae): <i>Brassica oleracea capitata</i> (cabbage).....	do.....	---	1	---	Va.
<i>Phytomyza atricornis</i> Meig. (?) (Agromyzidae): <i>Brassica oleracea botrytis</i> (cauliflower).....	Belgium, Denmark, England, Nether- lands, Portugal, England.....	---	9	---	Pa., Tex.
<i>Brassica oleracea capitata</i> (cabbage).....	England.....	---	7	---	Tex.
<i>Piezodorus lituratus</i> (F.) (Pentatomidae): <i>Laurus nobilis</i> (grecian laurel).....	Italy.....	---	---	1	N. Y.
<i>Pinnaspis buxi</i> (Bouche) (Coccidae): Araceae.....	Panama.....	---	---	1	Calif.*
<i>Cocos nucifera</i> (coconut).....	Ecuador, Mexico.....	1	1	---	Calif.*
<i>Cordyline terminalis</i> (ti).....	Hawaii.....	1	---	---	Hawaii.
<i>Dracaena</i> sp.....	Panama.....	---	---	1	N. J.
<i>Nipa</i> sp. (palm).....	British Guiana.....	---	---	1	Fla.
Palm.....	Cuba.....	1	---	---	Tex.
<i>Philodendron</i> sp.....	Hawaii.....	1	---	---	Hawaii.
<i>Streletzia</i> sp.....	Trinidad.....	---	---	1	N. Y.
<i>Pinnaspis exercitata</i> (Green) (Coccidae): <i>Bulbophyllum leopardinum</i>	India.....	---	---	1	N. J.
<i>Pinnaspis uniloba</i> (Kuw.) (Coccidae): <i>Alyxia olivaeformis</i> (maile).....	Hawaii.....	3	---	---	Calif.*, Hawaii.
<i>Pityogenes bidentatus</i> (Hbst.) (Scolytidae): <i>Pinus</i> sp. (pine).....	Germany.....	1	---	---	Ala.
<i>Pityogenes chalcographus</i> (L.) (Scolytidae): <i>Picea</i> sp. (spruce).....	Sweden.....	1	---	---	N. Y.
<i>Pinus</i> sp. (pine).....	Germany.....	1	---	---	La.
<i>Platoceticus symmetrica</i> Dyar (Psychidae): <i>Ananas comosus</i> (pineapple).....	Mexico.....	1	---	---	Tex.
<i>Platynota rostrana</i> (Wlk.) (Tortricidae): <i>Capsicum frutescens</i> (pepper).....	do.....	1	---	---	Calif.*
<i>Lycopersicon esculentum</i> (tomato).....	do.....	4	---	---	Tex.
<i>Plautia brunneipennis</i> (Montrz.) (Pentatomidae): <i>Cymbidium</i> sp. (orchid).....	Australia.....	1	---	---	Hawaii.
<i>Pogonocherus hispidulus</i> (Piller & Mitterpacher) (Cerambycidae): Wooden crate.....	Sweden.....	1	---	---	Wash.
<i>Poliaspis pini</i> Mask, (Coccidae): <i>Pinus</i> sp. (2-leaved pine).....	Japan.....	---	---	1	Calif.*
<i>Polychrosis botrana</i> (Schiff.) (Olethreutidae): <i>Vitis</i> sp. (grape).....	Germany, Italy.....	2	---	---	N. Y.
<i>Porotermes quadricollis</i> (Rambur) (Hodotermiti- dae): <i>Prunus domestica</i> (plum).....	Chile.....	1	---	---	N. Y.
<i>Prays oleellus</i> (F.) (Hyponomeutidae): <i>Olea europaea</i> (olive).....	Italy.....	1	---	---	N. Y.
<i>Prodenia ornithogalli</i> Guen. (Phalaenidae): <i>Hyacinthus</i> sp. (hyacinth).....	Bermuda.....	1	---	---	N. Y.
<i>Lilium</i> sp. (lily).....	do.....	1	---	---	N. Y.
<i>Scabiosa</i> sp.....	do.....	1	---	---	Mass.
<i>Protaetia fusca</i> (Hbst.) (Scarabaeidae): Airplane.....	Hawaii.....	---	10	---	Hawaii.
Flowers—unidentified.....	do.....	2	---	---	Calif.*, Hawaii.
<i>Gardenia augusta</i> (gardenia).....	do.....	1	---	---	Hawaii.
<i>Heliconia</i> sp.....	do.....	1	---	---	Hawaii.
<i>Monstera</i> sp.....	do.....	1	---	---	Hawaii.
<i>Protaetia orientalis</i> (Gory & Perch.) (Scarabaeidae): Airplane.....	Japan.....	---	1	---	Hawaii.
<i>Protopulvinaria longinabata</i> Green (Coccidae): <i>Gardenia augusta</i> (gardenia).....	Cuba, Guatemala, Trin- idad.....	3	---	---	Calif.*, N. Y.
<i>Pseudaonidia clavigera</i> (Ckll.) (Coccidae): <i>Camellia</i> sp.....	Formosa.....	---	---	1	D. C.

Pests (insects) collected and reported from July 1, 1952, to June 30, 1953—Con.

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Pseudaonidia trilobitiformis</i> (Green) (Coccidae):					
<i>Ficus</i> sp.	Colombia	1			Fla.*
<i>Nerium oleander</i> (oleander)	do.	1			Fla.*
Orchid	Canal Zone, Colombia	1		1	Fla., Fla.*
<i>Pseudaspidopectus fulleri</i> (Ckll.) (Coccidae):					
<i>Andropogon spathiflorus</i>	Union of South Africa			1	D. C.
<i>Pseudischnaspis alienus</i> (Newst.) (Coccidae):					
<i>Cattleya</i> sp. (orchid)	Honduras, Venezuela			2	Fla., N. J.
<i>Oncidium</i> sp. (orchid)	Guatemala			1	N. J.
Orchid	British Honduras, Canal Zone, Panama, Salvador.			6	Calif., Fla., N. J., Tex.
<i>Pseudischnaspis longissima</i> (Ckll.) (Coccidae):					
<i>Persea</i> var.	Costa Rica			1	Calif.*
<i>Pseudococcus boninsis</i> (Kuw.) (Coccidae):					
<i>Saccharum officinarum</i> (sugarcane)	Mexico	1			Calif.*
<i>Pseudococcus gahani</i> Green (Coccidae):					
<i>Rhododendron</i> sp.	France			1	N. Y.
<i>Rosa</i> sp.	Australia	1			Hawaii.
<i>Pseudococcus kraunhiae</i> (Kuw.) (Coccidae):					
<i>Diospyros</i> sp. (persimmon)	Japan	2			Hawaii.
<i>Pseudococcus lilacinus</i> Ckll. (Coccidae):					
<i>Mangifera indica</i> (mango)	Guam	1			Minn.
<i>Pseudococcus palmarum</i> (Ehrh.) (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Hawaii	5			Hawaii.
<i>Pseudococcus pini</i> (Kuw.) (Coccidae):					
<i>Pinus</i> sp. (5-leaved pine)	Japan			1	Hawaii.
<i>Pinus</i> sp.	do.			1	N. Y.
<i>Pseudococcus saipanensis</i> Shir. (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Guam	1		1	Hawaii.
<i>Pseudoparlaria ostreata</i> (Ckll.) (Coccidae):					
<i>Carica papaya</i> (papaya)	Sierra Leone		1		Pa.
<i>Pseudoparlaria punctata</i> Ferris (Coccidae):					
<i>Gametia</i> sp.	Mexico	1			Calif.*
<i>Pseudothrips glaucus</i> Bagn. (Thripidae):					
Flowers—mixed	Union of South Africa	1			N. Y.
<i>Psyllodes chrysocephala</i> (L.) (Chrysomelidae):					
<i>Brassica rapa</i> (turnip)	France		1		N. Y.
<i>Pinus tectus</i> Boield. (Ptilidae):					
<i>Gossypium</i> sp. (cottonseed)	Argentina	1			Wash.
<i>Ptochoryctis tsugensis</i> Mear. (?) (Xyloryctidae):					
<i>Pinus</i> sp. (5-leaved pine)	Japan			1	Hawaii.
<i>Pulvinaria psidii</i> (Mask.) (Coccidae):					
<i>Alpinia</i> sp. (red ginger)	Hawaii	5			Hawaii.
<i>Anthurium</i> sp.	do.	1			Hawaii.
<i>Clusia rosea</i> (copey clusia)	do.	1			Hawaii.
<i>Gardenia augusta</i> (gardenia)	do.	5			Hawaii.
<i>Izora coccinea</i>	Australia		1		Hawaii.
<i>Litchi chinensis</i> (lychee)	Hawaii	1			Hawaii.
<i>Mussaenda</i> sp.	Philippines		1		Calif.*
Plant—unknown	Antigua	1			St. Croix.
<i>Puto ulter</i> Ferris (Coccidae):					
<i>Brassia</i> sp. (orchid)	Guatemala			1	Tex.
<i>Lycaste cruenta</i> (orchid)	do.			1	Calif.*
<i>Lycaste skinneri</i> (orchid)	do.			1	Calif.*
<i>Odontoglossum grande</i> (orchid)	do.			1	Tex.
Orchid	do.			2	Tex., Wash.
<i>Pyrausta nubilalis</i> (Hbn.) (Pyraustidae):					
<i>Capsicum frutescens</i> (pepper)	Italy		1		Pa.
<i>Phaseolus vulgaris</i> var. (string bean)	Japan		12		Calif., Oreg., Wash.
<i>Sorghum vulgare technicum</i> (broomcorn)	Italy	3			Mass., N. Y.
<i>Rhagoletis cerasi</i> (L.) (Tephritidae):					
<i>Prunus</i> sp. (cherry)	France, Germany, Italy, Netherlands, Portugal.	8	12		Mass., N. Y.
<i>Rhagoletis cerasi</i> (L.) (?) (Tephritidae):					
<i>Prunus</i> sp. (cherry)	Italy	4			Mass.
<i>Rhagoletis pomonella</i> (Walsh) (Tephritidae):					
<i>Crataegus</i> sp. (thornapple)	Mexico	1			Tex.
<i>Malus sylvestris</i> (apple)	do.	8	1		N. Y., Tex.
<i>Rhagoletis pomonella</i> (Walsh.) (?) (Tephritidae):					
<i>Malus sylvestris</i> (apple)	do.	1			Tex.

Pests (insects) collected and reported from July 1, 1952, to June 30, 1953—Con.

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Rhynchaenus fagi</i> (L.) (Curculionidae): Soil with lemon and orange trees.....	Italy.....	---	---	1	N. Y.
<i>Rhynchaenus populi</i> (F.) (Curculionidae): <i>Syringa</i> sp. (lilac).....	Netherlands.....	1	---	---	N. Y.
<i>Ribua innazia</i> Hein. (Phycitidae): <i>Ananas comosus</i> (pineapple).....	Cuba.....	9	---	---	N. Y.
<i>Schwiebia talpa</i> Oudms. (Acaridae): <i>Convallaria majalis</i> (lily-of-the-valley).....	Denmark.....	---	---	1	N. Y.
<i>Scotinophara lurida</i> (Burm.) (Pentatomidae): <i>Oryza sativa</i> (rice).....	Japan.....	1	---	---	Hawaii.
<i>Selenaspis portulacariae</i> Hall (Coccidae): <i>Portulacaria afra</i>	Union of South Africa.....	---	---	1	D. C.
<i>Selenothrips rubrocinctus</i> (Giard) (Thripidae): <i>Cola acuminata</i> (kola).....	Jamaica.....	---	---	1	N. J.
<i>Sesamia cretica</i> Led. (Phalaenidae): <i>Sorghum vulgare technicum</i> (broomcorn).....	France, Greece, Italy, Turkey.....	13	---	---	Md., Mass., N. Y.
<i>Sinozylon anale</i> Lesne (Bostrichidae): Wood.....	India.....	1	---	---	N. Y.
<i>Sinozylon conigerum</i> Gerst. (Bostrichidae): Airplane.....	Hawaii.....	---	1	---	Hawaii.
<i>Samanea saman</i> (monkey pod).....	do.....	2	---	---	Hawaii.
Wooden crate.....	India.....	26	---	---	Calif.*
Wooden tray.....	Haiti.....	1	---	---	Fla.
<i>Siphanta acuta</i> (Walk.) (Flatidae): <i>Alpinia</i> sp. (red ginger).....	Hawaii.....	1	---	---	Hawaii.
<i>Anthurium</i> sp.....	do.....	1	---	---	Hawaii.
<i>Sisamnes contractus</i> Dist. (Lygaeidae): <i>Ananas comosus</i> (pineapple).....	Mexico.....	2	---	---	Tex.
<i>Sitona lineata</i> (L.) (Curculionidae): <i>Convallaria majalis</i> (lily-of-the-valley).....	Denmark.....	---	---	1	Calif.*
<i>Phlox</i> sp.....	Netherlands.....	---	---	1	Wash.
<i>Rhododendron</i> sp. (azalea).....	do.....	---	---	1	Wash.
<i>Sireonotus luteiceps</i> (Reuter) (Miridae): Cactus.....	Mexico.....	---	---	1	Tex.
<i>Mammillaria</i> sp. (cactus).....	do.....	---	---	3	Tex.
<i>Specularius impressothorax</i> (Pic) (Bruchidae): <i>Erythrina constantiana</i>	Union of South Africa.....	---	---	1	Calif.*
<i>Erythrina</i> sp.....	Angola.....	---	---	1	D. C.
<i>Stenoma anonella</i> (Sepp) (Stenomidae): <i>Annona muricata</i> (sourpump).....	Ecuador, Nicaragua.....	---	3	---	Fla.*, S. C.
<i>Stenoma catenifer</i> Wlsm. (Stenomidae): <i>Persea americana</i> (avocado).....	Brazil, Canal Zone, Colombia, Ecuador, Mexico.....	10	7	1	Calif.*, N. Y., Tex.
<i>Stenotrupis marshalli</i> Zimm. (?) (Curculionidae): <i>Cocos nucifera</i> (coconut).....	Fiji.....	---	---	1	Hawaii.
<i>Stephanitis oberti</i> (Kolenati) (Tingidae): <i>Gaylussacia</i> sp. (huckleberry).....	Sweden.....	---	---	1	N. Y.
<i>Stephanitis pyrioides</i> (Scott) (Tingidae): <i>Rhododendron</i> sp. (azalea).....	Japan.....	---	---	1	Calif.*
<i>Stephanoderes hampei</i> (Ferr.) (Scolytidae): <i>Coffea arabica</i> (Arabian coffee).....	Belgian Congo, Brazil.....	---	---	3	D. C.
<i>Coffea congensis</i>	Belgian Congo, Indonesia.....	---	---	2	D. C.
<i>Coffea</i> sp.....	Unknown.....	---	---	1	D. C.
<i>Sternochetus mangiferae</i> (F.) (Curculionidae): <i>Mangifera indica</i> (mango).....	Hawaii, India, Tahiti, Thailand.....	32	3	4	Calif.*, Guam, Hawaii, N. Y., Va.
<i>Sybra alternana</i> (Wied.) (Cerambycidae): <i>Operculina tuberosa</i> (wood-rose).....	Hawaii.....	1	---	---	Hawaii.
<i>Syrilla oceanica</i> Macq. (Syrphidae): Airplane.....	do.....	---	1	---	Hawaii.
<i>Dracaena sanderiana</i>	do.....	1	---	---	Hawaii.
<i>Taeniothrips atratus</i> (Hal.) (Thripidae): Airplane.....	Canada.....	---	1	---	Wash.
<i>Antirrhinum majus</i> (snapdragon).....	Germany.....	1	---	---	Mass.
<i>Apium graveolens</i> (celery).....	do.....	---	1	---	Pa.
<i>Calluna vulgaris</i> (heather).....	Scotland.....	4	---	---	Mass., N. Y.
<i>Chrysanthemum</i> sp.....	Denmark.....	1	---	---	N. Y.
<i>Dahlia</i> sp.....	Azores, Sweden.....	2	---	---	Mass., N. Y.

Pests (insects) collected and reported from July 1, 1952, to June 30, 1953—Con.

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Taeniothrips atratus</i> —Continued					
<i>Dianthus</i> sp. (carnation)	Germany, Netherlands, Scotland, unknown.	5	1		N. Y.
Flowers—mixed	Germany, Ireland.	2			Mass., N. Y.
<i>Gladiolus</i> sp.	Germany, Scotland, unknown.	3	2		N. Y.
<i>Lactuca sativa</i> (lettuce)	England.		2		N. Y., Pa.
<i>Lathyrus odoratus</i> (sweetpea)	Ireland, Scotland.	2			Mass., N. Y.
<i>Leontopodium alpinum</i> (edelweiss)	Switzerland.	1			D. C.
<i>Rosa</i> sp.	Germany.	1			N. Y.
<i>Zinnia</i> sp.	do.	1			N. Y.
<i>Taeniothrips dianthi</i> Pr. (Thripidae):					
<i>Dianthus</i> sp. (carnation)	Greece, unknown.	1	1		Mass.
Plants—mixed	Cuba.			1	N. Y.
<i>Taeniothrips distalis</i> Ky. (Thripidae):					
<i>Chrysanthemum</i> sp.	Japan.		1		Hawaii.
<i>Taeniothrips ericae</i> (Hal.) (Thripidae):					
<i>Calluna vulgaris</i> (heather)	England, Germany, Ireland, Scotland.	4	1		N. Y.
Soil and moss with heather	Scotland.			1	Mass.
<i>Taeniothrips gracilis</i> Mlt. (Thripidae):					
Daisy	Bermuda.	1			N. Y.
<i>Gerbera</i> sp.	do.	1			N. Y.
<i>Iibiscus</i> sp.	do.	1			N. Y.
<i>Lathyrus odoratus</i> (sweetpea)	do.	2			N. Y.
<i>Lilium</i> sp.	China.			1	Hawaii.
<i>Narcissus</i> sp.	do.			2	Do.
<i>Viola</i> sp. (violet)	Bermuda.	1			N. Y.
<i>Taeniothrips hawaiiensis</i> (Morg.) (Thripidae):					
<i>Cananga odorata</i> (ilang-ilang)	Philippines.		1		Hawaii.
<i>Cocos nucifera</i> (coconut)	Hawaii.	1			Hawaii.
<i>Cordylone terminalis</i> (ti)	do.	1			Hawaii.
<i>Gardenia augusta</i> (gardenia)	do.	20			Hawaii.
<i>Gladiolus</i> sp.	Japan.	1			Hawaii.
<i>Plumeria</i> sp.	Hawaii.	3			Hawaii.
<i>Polianthes tuberosa</i> (tuberose)	do.	1			Hawaii.
<i>Vanda</i> sp. (orchid)	do.	1			Hawaii.
<i>Taeniothrips picipes</i> (Zett.) (Thripidae):					
<i>Primula</i> spp.	England.	1			N. J.
<i>Taeniothrips viticornis</i> (Ky.) (Thripidae):					
<i>Canavalia</i> sp.	Hawaii.	1			Hawaii.
<i>Gardenia augusta</i> (gardenia)	do.	1			Hawaii.
<i>Taeniothrips vulgatissimus</i> (Hal.) (Thripidae):					
Airplane	Canada.		1		Wash.
<i>Calluna vulgaris</i> (heather)	Germany.	1			N. Y.
<i>Dianthus</i> sp. (carnation)	Scotland, unknown.	1	1		N. Y.
Flowers—mixed	Ireland.	1			Mass.
<i>Gladiolus</i> sp.	Unknown.		1		N. Y.
<i>Lathyrus odoratus</i> (sweetpea)	Ireland, Scotland.	2			Mass., N. Y.
<i>Lathyrus</i> sp.	England.	1			N. Y.
<i>Talponia batesi</i> Hein. (Olethreutidae):					
<i>Annona cherimola</i> (cherimoya)	Mexico.	1			Tex.
" <i>Targionia</i> " <i>bromiliae</i> (Leon) (Coccidae):					
<i>Ananas comosus</i> (pineapple)	Mexico, Salvador.	8			Calif., Tex.
" <i>Targionia</i> " <i>hartii</i> (Ckll.) (Coccidae):					
<i>Dioscorea</i> sp. (yam)	Antigua, Barbados, Jost Van Dykes, Nevis, St. Martin, Tortola.	8	1		Ill., Mass., N. Y., St. Thomas, & St. John.
<i>Targionia laurina</i> Ldgr. (Coccidae):					
Leaf—unidentified	Madeira Islands.	1			Mass.
" <i>Targionia</i> " <i>sacchari</i> (Ckll.) (Coccidae):					
<i>Canna edulis</i> (edible canna)	Trinidad.			1	Calif.*
<i>Saccharum officinarum</i> (sugarcane)	Liberia, Puerto Rico.	2			Mass., Pa.
<i>Tenthoris angustimarginatus</i> Hsiao & Sailer (Miridae):					
Orchid.	Mexico.			6	Tex.
<i>Tenthoris bicolor</i> Scott (Miridae):					
Orchid.	Guatemala, Mexico.			5	Fla., Tex.
<i>Tenthoris confusus</i> Hsiao & Sailer (Miridae):					
Orchid.	Mexico.			16	Tex.

Pests (Insects) collected and reported from July 1, 1952, to June 30, 1953—Con.

[An asterisk indicates State inspection]

Insects and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Tenthercoris distinguendus</i> Hsiao & Sailer (Miridae): Orchid	Salvador			1	Fla.
<i>Tenthercoris vestitus</i> (Dist.) (Miridae): <i>Oncidium cavendishianum</i> (orchid)	Guatemala			1	Calif.*
Orchid	Guatemala, Mexico			2	Tex.
<i>Tetraleurodes acaciae</i> (Q.) (Aleyrodidae): <i>Gliricidia sepium</i>	Venezuela			1	Ga.
Leaf—unidentified	Mexico	1			Tex.
<i>Prosopis</i> sp. (mesquite)	do	1			Ariz.
<i>Tetraleurodes ursorum</i> (Ckll.) (Aleyrodidae): <i>Citrus aurantifolia</i> (sour lime)	do	1			Tex.
<i>Schinus molle</i> (California pepper tree)	do	1			Tex.
<i>Thrips angusticeps</i> Uzel (Thripidae): <i>Anemone</i> sp.	Greece	1			Pa.
<i>Lactuca sativa</i> (lettuce)	Denmark, England		5		N. Y., Pa., S. C.
<i>Rosa</i> sp. (rose)	Greece	1			Mass.
<i>Thrips flavus</i> Schrank (Thripidae): <i>Acacia</i> sp.	France			1	Mass.
<i>Calluna vulgaris</i> (heather)	Germany, Scotland	3			N. Y.
<i>Calluna</i> sp.	Scotland	1			N. J.
<i>Dahlia</i> sp.	Azores, Germany	2			Mass., N. Y.
<i>Dianthus</i> sp. (carnation)	Unknown		1		N. Y.
<i>Gladiolus</i> sp.	Germany, Israel, Scotland	3			N. Y.
<i>Gypsophila</i> spp.	Ireland	1			N. Y.
<i>Lathyrus odoratus</i> (sweetpea)	do	1			Mass.
<i>Rosa</i> sp. (rose)	England, Germany	2			N. Y.
<i>Syringa</i> sp. (lilac)	Germany	1			N. Y.
<i>Zinnia</i> sp.	do	1			N. Y.
<i>Thrips major</i> Uzel (Thripidae): <i>Anemone</i> sp.	Unknown		1		N. Y.
<i>Calluna vulgaris</i> (heather)	Germany, Ireland, Scotland	3			N. Y.
<i>Chrysanthemum</i> sp.	Denmark	1			N. Y.
<i>Dianthus</i> sp. (carnation)	Scotland	1			N. Y.
<i>Helianthus</i> sp. (sunflower)	Germany	1			N. Y.
<i>Lathyrus odoratus</i> (sweetpea)	Ireland	1			Mass.
<i>Rosa</i> sp. (rose)	do			1	N. Y.
<i>Syringa</i> sp. (lilac)	Germany	1			N. Y.
<i>Thrips nigropilosus</i> Uzel (Thripidae): <i>Dahlia</i> sp.	Sweden	1			N. Y.
Flowers—mixed	Japan	1			Wash.
<i>Gypsophila</i> spp.	Ireland	1			N. Y.
<i>Tortrix excessana</i> (Walk.) (Tortricidae): <i>Malus sylvestris</i> (apple)	New Zealand	2			N. Y.
<i>Tortrix postvittana</i> (Walk.) (Tortricidae): <i>Malus sylvestris</i>	do	1			N. Y.
<i>Toxotrypana curvicauda</i> Gerst. (Tephritidae): <i>Carica papaya</i> (papaya)	Mexico, Panama, Trinidad	3	1		Ala., Fla.*, Tex.
<i>Trialeurodes lauri</i> (Sign.) (Aleyrodidae): <i>Laurus nobilis</i> (Grecian laurel)	Italy	1			Mass.
<i>Laurus</i> sp. (?)	do	1			Oreg.
<i>Tricentrus albomaculatus</i> Dist. (Membracidae): <i>Acalypha</i> sp.	Hawaii	2			Hawaii.
<i>Codiaeum</i> sp. (croton)	do	1			Hawaii.
<i>Trionymus lounsburyi</i> Brain (Coccidae): <i>Hymenocallis</i> sp. (spider lily)	do	1			Hawaii.
<i>Trionymus sacchari</i> (Ckll.) (Coccidae): <i>Saccharum officinarum</i> (sugarcane)	Cuba, Mexico	4	1		Ariz., Fla.*, Tex.
<i>Saccharum</i> sp.	Cuba			1	D. C.
<i>Tuckerella pavoniformis</i> (Ewing) (Tuckerellidae): <i>Persea americana</i> (avocado)	Hawaii			1	Calif.*
<i>Tydeus granulatus</i> Can. (Tydeidae): <i>Syringa persica</i> alba	England			1	N. J.
<i>Tydeus interruptus</i> Thor. (Tydeidae): Straw jacket	France	1			Fla.*

Pests (Insects) collected and reported from July 1, 1952, to June 30, 1953—Con.

[An asterisk indicates State inspection]

Insects and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Unaspis citri</i> (Comst.) (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime).....	British West Indies.....		1		Calif.*
<i>Citrus paradisi</i> (grapefruit).....	Haiti.....		1		Fla.*
<i>Citrus sinensis</i> (orange).....	British West Indies, Colombia, Trinidad.....	1	2		Ala., Calif.*, Fla.*
<i>Citrus</i> sp.....	Colombia, Trinidad.....	1		1	Fla.*, N. J.
<i>Unaspis euonymi</i> (Comst.) (Coccidae):					
Leaf—unidentified.....	Mexico.....	1			Tex.
<i>Unaspis yanoneensis</i> (Kuw.) (Coccidae):					
<i>Citrus limon</i> (lemon).....	Japan.....		7		Calif.*
<i>Citrus paradisi</i> (grapefruit).....	do.....	1	6		Calif.*, Hawaii.
<i>Citrus reticulata</i> (Mandarin orange).....	Japan, Philippines.....	6	42		Calif.*, Hawaii.
<i>Citrus sinensis</i> (orange).....	Japan, Philippines, South Pacific (?). ..	2	48		Calif.*, Fla.*, Hawaii, Pa., Hawaii.
<i>Citrus</i> sp.....	Japan.....	1			
<i>Vinsonia stellifera</i> (Westw.) (Coccidae):					
<i>Brassia</i> sp. (orchid).....	Canal Zone.....			1	Calif.*
<i>Broughtonia</i> sp.....	Jamaica.....			3	Fla.
<i>Cattleya</i> spp. (orchid).....	Canal Zone.....			1	Calif.*
<i>Epidendrum</i> sp. (?) (orchid).....	do.....			1	Calif.*
<i>Garcinia</i> sp.....	do.....			1	Fla.
Leaf—unidentified.....	Barbados.....	1			Mass.
<i>Lycaste</i> sp. (orchid).....	Canal Zone, Panama.....			2	Calif.*, N. J.
<i>Oncidium quadripetalum</i> (orchid).....	Jamaica.....			1	Hawaii.
Orchid.....	Canal Zone, Jamaica, Panama, Trinidad, Venezuela.....			24	Calif.*, Fla., Hawaii, P. R., Va.
<i>Stanhopea</i> sp. (orchid).....	Trinidad.....			2	Fla., N. J.
<i>Wachtliella ericina</i> (Loow) (?) (Itonididae):					
<i>Calluna vulgaris</i> (heather).....	Scotland.....	1			Mass.
<i>Xyleborus morstatti</i> Haged. (Scolytidae):					
<i>Acer</i> sp.....	Japan.....			1	Hawaii.
<i>Xystrocer globosa</i> (Oliv.) (Cerambycidae):					
Airplane.....	Hawaii.....			1	Hawaii.
<i>Zelha chavesi</i> (Bol.) (Polyphagidae):					
Herb.....	Azores.....	1			Mass.

Host and Insects

ABRUS:

Caryedon fuscus (Coleoptera)

ACACIA:

Mimosestes dominicanus (Coleoptera)*Mimosestes sallaei* (Coleoptera)*Thrips flavus* (Thysanoptera)

ACALYPHA:

Catorama herbarium (Coleoptera)*Pachyzancla bipunctalis* (Lepidoptera)*Pheidole megacephala* (Hymenoptera)*Tricentrus albomaculatus* (Homoptera)

AOER:

Parlatoria pyri (Homoptera)*Xyleborus morstatti* (Coleoptera)

ACHRAS:

Anastrepha fraterculus (?) (Diptera)*Anastrepha serpentina* (Diptera)

AGAVE:

Chrysomphalus agavis (Homoptera)*Helix aspersa* (Mollusca)

ALLIUM CEPA:

Glycyphagus domesticus (Acarina)

ALLIUM PORRUM:

Acrolepia assectella (Lepidoptera)*Phlyctaenia ferrugalis* (Lepidoptera)

ALLIUM SATIVUM:

Brachycerus albidentatus (Coleoptera)*Brachycerus algerius* (Coleoptera)*Dyspessa ulula* (Lepidoptera)

ALPINIA:

Adoretus sinicus (Coleoptera)*Anidiella inornata* (Homoptera)*Pantomorus godmani* (Coleoptera)*Pulvinaria psidii* (Homoptera)*Siphanta acuta* (Homoptera)

ALSTONIA:

Coccus viridis (Coleoptera)

ALYXIA:

Coccus capparidis (Homoptera)*Pinna sp. uniloba* (Homoptera)

ANACARDIUM:

Anastrepha mombinpraeoptans (Diptera)

ANANAS:

Alpheias conspirata (Lepidoptera)*Blissus leucopterus insularis* (Hemiptera)*Dolichotetranychus floridanus* (Acarina)*Iridomyrmex humilis* (Hymenoptera)*Ligyrus ebenus* (Coleoptera)*Myocrochus carinatus* (Coleoptera)*Onthophagus taurus* (Coleoptera)*Pheidole megacephala* (Hymenoptera)*Platococcus symmicta* (Lepidoptera)*Ribua innoxia* (Lepidoptera)*Sisamnes contractus* (Hemiptera)*"Targionia" bromiliae* (Homoptera)

ANDROPOGON:

Galgupha rinculata (Hemiptera)*Pseudopidoproctus fulleri* (Homoptera)

Host and Insects—Continued

- ANEMONE:
Thrips angusticeps (Thysanoptera)
Thrips major (Thysanoptera)
- ANNONA:
Amorbia emigratella (Lepidoptera)
Anastrepha ludens (Diptera)
Ceratitis capitata (Diptera)
Stenomoma anonella (Lepidoptera)
Talponia batesi (Lepidoptera)
- ANOIGANTHUS:
Brithys pancratii (Lepidoptera)
- ANTHURIUM:
Adoretus sinicus (Coleoptera)
Bradybaena similis (Mollusca)
Ceroplastes rubens (Homoptera)
Chrysomphalus umboniferus (Homoptera)
Pulvinaria psidii (Homoptera)
Siphanta acuta (Homoptera)
- ANTIGONON:
Asterolecanium epidendri (Homoptera)
- ANTIRRHINUM:
Haplothrips gowdeyi (Thysanoptera)
Taeniothrips atratus (Thysanoptera)
- APIUM:
Anuraphis tulipae (Homoptera)
Bradybaena similis (Mollusca)
Cavariella capreae (Homoptera)
Deroceras reticulatum (Mollusca)
Taeniothrips atratus (Thysanoptera)
- ARACEAE:
Deroceras reticulatum (Mollusca)
Pinnaspis buri (Homoptera)
- ARUNDINARIA:
Brevipalpus phoenicis (Acarina)
Leucaspis cockerelli (Homoptera)
- ASPLENIUM:
Ferrisia virgata (Homoptera)
- ASTER:
Capitophorus formosanus (Homoptera)
- BAMBOO:
Asterolecanium bambusae (Homoptera)
Asterolecanium militaris militaris (Homoptera)
Asterolecanium militaris robustum (Homoptera)
Conarthrus vicinus (Coleoptera)
- BAMBUSA:
Asterolecanium bambusae (Homoptera)
Lepidosaphes vermiformis (Homoptera)
Odonaspis greeni (Homoptera)
- BEAUCARNEA:
Lepidosaphes philococcus (Homoptera)
- BETA:
Lixus junci (Coleoptera)
- BETULA:
Eriophyes leionectus (Acarina)
- BILLBERGIA:
Bradybaena similis (Mollusca)
- BLIGHIA:
Coccus viridis (Homoptera)
- BRASSAVOLA:
Furcaspis bifurmis (Homoptera)
- BRASSIA:
Furcaspis bifurmis (Homoptera)
Puto uller (Homoptera)
Vinsonia stellifera (Homoptera)
- BRASSICA OLERACEA BOTRYTIS:
Barathra brassicae (Lepidoptera)
Phytomyza atricornis (?) (Diptera)
- BRASSICA OLERACEA CAPITATA:
Deroceras reticulatum (Mollusca)
Evergestis forficatus (Lepidoptera)
Evergestis rimosalis (Lepidoptera)
Limax marginatus (Mollusca)
Limax maximus (Mollusca)
Mamestra brassicae (Lepidoptera)
Phyllotreta atra (Coleoptera)
Phyllotreta consobrina (Coleoptera)
Phyllotreta undulata (Coleoptera)
Phytomyza atricornis (?) (Diptera)
- BRASSICA RAPA:
Listroderes costirostris obliquus (Coleoptera)
Mamestra brassicae (Lepidoptera)
Psylliodes chrysoccephala (Coleoptera)
- BRASSICA SP.:
Diocalandra taitensis (Coleoptera)
- BROMELIACEAE:
Chrysomphalus umboniferus (Homoptera)
- BROMUS:
Frankliniella cestrum (Thysanoptera)
- BROUGHTONIA:
Vinsonia stellifera (Homoptera)
- BRYOPHYLLUM:
Monomorium destructor (Hymenoptera)
- BULBOPHYLLUM:
Pinnaspis exercitata (Homoptera)
- BUXUS:
Eriophyes canestrinii (Acarina)
- CACTUS:
Lepidosaphes philococcus (Homoptera)
Sixeonotus luteiceps (Hemiptera)
- CAESALPINIA:
Mimosites dominicanus (Coleoptera)
- CAJANUS:
Ancylostoma stercora (Lepidoptera)
Callosobruchus maculatus (Coleoptera)
Neodryocetes guinea (Coleoptera)
- CALADIUM:
Aleurotrachelus trachoides (Homoptera)
- CALATHEA:
Aspidiotus palmarum (Homoptera)
- CALLUNA:
Ctenicera cupreus (Coleoptera)
Frankliniella intonsa (Thysanoptera)
Gelechia ericetella (Lepidoptera)
Micrelus ericae (Coleoptera)
Orthotylus ericetorum (Hemiptera)
Taeniothrips atratus (Thysanoptera)
Taeniothrips ericae (Thysanoptera)
Taeniothrips vulgatissimus (Thysanoptera)
Thrips flavus (Thysanoptera)
Thrips major (Thysanoptera)
Wachtliella ericina (?) (Diptera)
- CALOPHYLLUM:
Ceroplastes rubens (Homoptera)
- CAMELLIA:
Aspidiotus degeneratus (Homoptera)
Ceroplastes rubens (Homoptera)
Parlatoria camelliae (Homoptera)
Pseudonidia clavigera (Homoptera)
Pseudoparlatoria punctata (Homoptera)
- CANANGA:
Taeniothrips hawaiiensis (Thysanoptera)
- CANAVALIA:
Lampides boeticus (Lepidoptera)
Marcia testulalis (Lepidoptera)
Taeniothrips vitticornis (Thysanoptera)
- CANNA:
"Targionia" saechari (Homoptera)
- CAPSIUM:
Ceratitis capitata (?) (Diptera)
Dacus cucurbitae (Diptera)
Gnorimoschema borsaniella (?) (Lepidoptera)
Gnorimoschema gudmannella (Lepidoptera)
Neoleucinodes elegantalis (Lepidoptera)
Pheidole megacephala (Hymenoptera)
Platynota rostrana (Lepidoptera)
Pyrausta nubilalis (Lepidoptera)
- CARICA:
Pseudoparlatoria ostreata (Homoptera)
Toxotrypana curvicauda (Diptera)
- CASIMIROA:
Anastrepha ludens (Diptera)
- CASSIA:
Aganactes indecora (Lepidoptera)
Caryedon fuscus (Coleoptera)
- CASTANEA:
Curculio elephas (Coleoptera)
Laspeyresia splendana (Lepidoptera)
- CATTLEA:
Chrysomphalus tenax (Homoptera)
Eurytoma orchidearum (Hymenoptera)
Furcaspis bifurmis (Homoptera)
Pseudischnaspis alienus (Homoptera)
Vinsonia stellifera (Homoptera)
- CELTIS:
Aspidiotus pectinatus (tentative) (Homoptera)
- CENTAUREA:
Haplothrips gowdeyi (Thysanoptera)
- CHAENOMELES:
Anisotabis marginalis (Orthoptera)
Ceroplastes ceriferus (Homoptera)
Lepidosaphes machili (Homoptera)
Limax marginatus (Mollusca)
- CHAMAECYPARIS:
Aspidiotus pseudomeyeri (tentative) (Homoptera)
Lepidosaphes newsteadii (Homoptera)

Host and Insects—Continued

CHAMAEDOREA:

- Asterolecanium epidendri* (Homoptera)
- Asterolecanium inlabefactum* (Homoptera)
- Chrysomphalus sphaeroides* (Homoptera)

CHRYSANTHEMUM:

- Capitophorus formosanus* (Homoptera)
- Frankliniella formosae* (Thysanoptera)
- Haplothrips gowdeyi* (Thysanoptera)
- Macrodactylus mexicanus* (Coleoptera)
- Microcephalothrips abdominalis* (Thysanoptera)
- Taeniothrips atratus* (Thysanoptera)
- Taeniothrips distalis* (Thysanoptera)
- Thrips major* Uzel (Thysanoptera)

CISTUS:

- Adoxophyes orana* (Lepidoptera)
- Macroplox fasciata* (Hemiptera)

CITRUS AURANTIFOLIA:

- Aleurocanthus woglumi* (Homoptera)
- Aleurothrixus floccosus* (Homoptera)
- Anastrepha ludens* (Diptera)
- Coccus viridis* (Homoptera)
- Leucaspis cockerelli* (Homoptera)
- Parlatoria cinerea* (Homoptera)
- Tetraneura ursum* (Homoptera)
- Unaspis citri* (Homoptera)

CITRUS AURANTIUM:

- Anastrepha ludens* (Diptera)

CITRUS GRANDIS:

- Cryptophlebia leucotreta* (Lepidoptera)
- Morganella longispina* (Homoptera)
- Parlatoria zizyphus* (Homoptera)

CITRUS LIMON:

- Aonidiella inornata* (Homoptera)
- Ceratitis capitata* (Diptera)
- Coccus viridis* (Homoptera)
- Leucaspis cockerelli* (Homoptera)
- Parlatoria zizyphus* (Homoptera)
- Unaspis yanonensis* (Homoptera)

CITRUS MEDICA:

- Anastrepha ludens* (Diptera)

CITRUS PARADISI:

- Aleurocanthus woglumi* (Homoptera)
- Anastrepha ludens* (Diptera)
- Anastrepha mombinpraeopians* (Diptera)
- Anastrepha parallela* (?) (Diptera)
- Anastrepha suspensa* (Diptera)
- Ceratitis capitata* (Diptera)
- Cryptophlebia leucotreta* (Lepidoptera)
- Leucaspis cockerelli* (Homoptera)
- Parlatoria cinerea* (Homoptera)
- Unaspis citri* (Homoptera)
- Unaspis yanonensis* (Homoptera)

CITRUS RETICULATA:

- Aleurocanthus woglumi* (Homoptera)
- Aonidiella citrina* (Homoptera)
- Ceratitis capitata* (Diptera)
- Parlatoria zizyphus* (Homoptera)
- Unaspis yanonensis* (Homoptera)

CITRUS SINENSIS:

- Aleurocanthus woglumi* (Homoptera)
- Aleurothrixus floccosus* (Homoptera)
- Anastrepha fraterculus* (Diptera)
- Anastrepha ludens* (Diptera)
- Anastrepha serpentina* (Diptera)
- Aonidiella citrina* (Homoptera)
- Ceratitis capitata* (Diptera)
- Ceroplastes rubens* (Homoptera)
- Chrysomphalus albopictus* (Homoptera)
- Coccus viridis* (Homoptera)
- Cryptophlebia leucotreta* (Lepidoptera)
- Dialeurodes citri* (Homoptera)
- Gymnandrosoma aurantianum* (Lepidoptera)
- Leucaspis cockerelli* (Homoptera)
- Parlatoria cinerea* (Homoptera)
- Parlatoria zizyphus* (Homoptera)
- Unaspis citri* (Homoptera)
- Unaspis yanonensis* (Homoptera)

CITRUS SP.:

- Aleurocanthus woglumi* (Homoptera)
- Dialeurodes citrifolii* (Homoptera)
- Ferrisia virgata* (Homoptera)
- Unaspis citri* (Homoptera)
- Unaspis yanonensis* (Homoptera)

CLUSIA:

- Pulvinaria psidii* (Homoptera)

COCOS:

- Aonidiella inornata* (Homoptera)
- Aspidiotus coryphae* (Homoptera)

COCOS—Continued

- Aspidiotus destructor* (Homoptera)
- Aspidiotus palmarum* (Homoptera)
- Asterolecanium degeneratum* (Homoptera)
- Chrysomphalus personatus* (Homoptera)
- Chrysomphalus scutiformis* (Homoptera)
- Diocalandra taitensis* (Coleoptera)
- Ereunetis flavistriata* (Lepidoptera)
- Furcaspis oceanica* (Homoptera)
- Lepidosaphes esakii* (Homoptera)
- Phenacaspis sandwicensis* (Homoptera)
- Pinnaspis buzi* (Homoptera)
- Pseudococcus palmarum* (Homoptera)
- Pseudococcus saipanensis* (Homoptera)
- Stenotrupis marshalli* (?) (Coleoptera)
- Taeniothrips hawaiiensis* (Thysanoptera)

CODIAEUM:

- Asterolecanium pustulans* (Homoptera)
- Ferrisia virgata* (Homoptera)
- Lepidosaphes tokionis* (Homoptera)
- Orthezia praelonga* (Homoptera)
- Parlatoria crotonis* (Homoptera)
- Tricentrus albomaculatus* (Homoptera)

COFFEA:

- Aleurocanthus woglumi* (Homoptera)
- Ceratitis capitata* (Diptera)
- Coccus viridis* (Homoptera)
- Dacus dorsalis* (Diptera)
- Stephanoderes hampei* (Coleoptera)

COLA:

- Selenothrips rubrocinctus* (Thysanoptera)

COLEUS:

- Lampides boeticus* (Lepidoptera)

CONVALLARIA:

- Schwiebia talpa* (Acarina)
- Sitona lineata* (Coleoptera)

CORDYLINE:

- Amorbia emigratella* (Lepidoptera)
- Bradybaena similaris* (Mollusca)
- Ferrisia virgata* (Homoptera)
- Haplothrips gowdeyi* (Thysanoptera)
- Mitastethus browni* (Coleoptera)
- Orydema longulum* (Coleoptera)
- Pantomorus godmani* (Coleoptera)
- Pinnaspis buzi* (Homoptera)
- Taeniothrips hawaiiensis* (Thysanoptera)

CORYLUS:

- Curculio nucum* (Coleoptera)

CRATAEGUS:

- Rhagoletis pomonella* (Diptera)

CRYPTOMERIA:

- Diaspis carueli* (Homoptera)

CUCUMIS:

- Dacus cucurbitae* (Diptera)

CUCURBITA:

- Dacus ciliatus* (?) (Diptera)
- Dacus cucurbitae* (Diptera)

CURCUMA:

- Parapulo taraktogoni* (Homoptera)

CYCAD:

- Aulacoscelia elongata* (Coleoptera)

CYCNOCHES:

- Brevipalpus phoenicis* (Acarina)

CYDONIA:

- Anastrepha ludens* (Diptera)
- Ceratitis capitata* (Diptera)

CYMBIDIUM:

- Chrysomphalus pinnulifera* (tentative) (Homoptera)
- Deroceras reticulatus* (Mollusca)
- Lepidosaphes tuberculata* (Homoptera)
- Plautia brunneipennis* (Hemiptera)

CYNARA:

- Apion carduorum* (Coleoptera)
- Gortyna flavago* (Lepidoptera)
- Gortyna ochracea* (Lepidoptera)
- Iridomyrmex humilis* (Hymenoptera)

CYNODON:

- Antonina graminis* (Homoptera)

CYPRIPEDIUM:

- Coccus capparidis* (Homoptera)

CYTISUS:

- Apion fuscirostre* (Coleoptera)

DAHLIA:

- Frankliniella paucispinosa* (Thysanoptera)
- Taeniothrips atratus* (Thysanoptera)
- Thrips flavus* (Thysanoptera)
- Thrips nigropilosus* (Thysanoptera)

Host and Insects—Continued

DAISY:

Taeniothrips gracilis (Thysanoptera)

DENDROBIUM:

Anaphotrips corbetti (Thysanoptera)
Delichotetranychus vandergooti (Acarina)
Ferrisia virgata (Homoptera)
Lepidosaphes tuberculata (Homoptera)

DIANTHUS:

Ausefus impressicollis (Hemiptera)
Frankliniella formosae (Thysanoptera)
Frankliniella intonsa (Thysanoptera)
Iridomyrmex humilis (Hymenoptera)
Lygus rugulipennis (Hemiptera)
Macrosiphum gei (?) (Homoptera)
Taeniothrips atratus (Thysanoptera)
Taeniothrips dianthi (Thysanoptera)
Taeniothrips vulgarissimus (Thysanoptera)
Thrips flavus (Thysanoptera)
Thrips major (Thysanoptera)

DIOSCOREA:

Palaeopus costicollis (Coleoptera)
 "Targionia" *hartii* (Homoptera)

DIOSPYROS:

Ceratitis capitata (Diptera)
Glycyphagus domesticus (Acarina)
Parlatoria oleae (Homoptera)
Phenacaspis aucubae (Homoptera)
Pseudococcus kraunhiae (Homoptera)

DRACAENA:

Pinaspis buxi (Homoptera)
Syrilla oceanica (Diptera)

EPIDENDRUM:

Asterolecanium epidendri (Homoptera)
Furcaspis biformis (Homoptera)
Pheidole megacephala (Hymenoptera)
Vinsonia stellifera (Homoptera)

ERIOBOTRYA:

Ceratitis capitata (Diptera)

ERYTHRINA:

Specularius impressothorax (Coleoptera)

EUGENIA:

Anastrepha mombinpraeoptans (Diptera)
Heterotermes convezinotatus (Isoptera)

EUPHORBIA:

Micrapate labialis (Coleoptera)

EURYA:

Aspidiotus degeneratus (Homoptera)

FICUS:

Asterolecanium pustulans (Homoptera)
Autoserica castanea (Coleoptera)
Ceratitis capitata (Diptera)
Ceroplastes ruscii (Homoptera)
Lepidosaphes ficus (Homoptera)
Pseudanidia trilobitiformis (Homoptera)

FOENICULUM:

Deroceras reticulatum (Mollusca)

FRAXINUS:

Chrysomphalus personatus (Homoptera)

FREEZIA:

Frankliniella bispinosa (Thysanoptera)

GALANTHUS:

Apion carduorum (Coleoptera)

GARCINIA:

Vinsonia stellifera (Homoptera)

GARDENIA:

Ceroplastes rubens (Homoptera)
Coccus viridis (Homoptera)
Dialeurodes citri (Homoptera)
Dialeurodes kirkaldyi (Homoptera)
Eucalymnatus tessellatus (Homoptera)
Ferrisia virgata (Homoptera)
Pealius hibisci (Homoptera)
Protactia fusca (Coleoptera)
Protopulvinaria longivalvata (Homoptera)
Pulvinaria psidii (Homoptera)
Taeniothrips hawaiiensis (Thysanoptera)
Taeniothrips vitticornis (Thysanoptera)

GASTROCHEIS:

Chrysomphalus pinnulifera (tentative) (Homoptera)

GAYLUSSACIA:

Stephanitis oberi (Hemiptera)

GERBERA:

Haplothrips gowdeyi (Thysanoptera)
Taeniothrips gracilis (Thysanoptera)

GLADIOLUS:

Anuraphis tulipae (Homoptera)
Aphanus umbrosus (Hemiptera)

GLADIOLUS—Continued

Draculacephala producta (Homoptera)
Exptochiomeria oblonga (Hemiptera)
Frankliniella bispinosa (Thysanoptera)
Frankliniella formosae (Thysanoptera)
Frankliniella fortissima (Homoptera)
Frankliniella intonsa (Thysanoptera)
Iridomyrmex humilis (Hymenoptera)
Pheidole megacephala (Hymenoptera)
Taeniothrips atratus (Thysanoptera)
Taeniothrips hawaiiensis (Thysanoptera)
Taeniothrips vulgarissimus (Thysanoptera)
Thrips flavus (Thysanoptera)

GLIRICIDIA:

Tetraleurodes acaciae (Homoptera)

GOSSYPIUM:

Bucculatrix thurberiella (Lepidoptera)
Oryzaenarus hyalinipennis (Hemiptera)
Pectinophora gossypiella (Lepidoptera)
Ptinus tectus (Coleoptera)

GYPSOPHILA:

Thrips flavus (Thysanoptera)
Thrips nigropilosus (Thysanoptera)

HEDERA:

Iridomyrmex humilis (Hymenoptera)

HELIANTHUS:

Thrips major (Thysanoptera)

HELICONIA:

Bradybaena similis (Mollusca)
Pantomorus godmani (Coleoptera)
Protactia fusca (Coleoptera)

HIBISCUS:

Crociosema plebeiana (Lepidoptera)
Diaprepes famelicus var. (Coleoptera)
Frankliniella bispinosa (Thysanoptera)
Haplothrips gowdeyi (Thysanoptera)
Lepidosaphes tokionis (Homoptera)
Pectinophora gossypiella (Lepidoptera)
Pheidole megacephala (Hymenoptera)
Taeniothrips gracilis (Thysanoptera)

HYACINTHUS:

Aglossa cuprealis (Lepidoptera)
Prodenia ornithogalli (Lepidoptera)

HYMENOCALLIS:

Trionymus lounsburyi (Homoptera)

IPOMOEA:

Cylas formicarius (Coleoptera)
Cylas formicarius var. (Coleoptera)
Cylas formicarius elegantulus (Coleoptera)
Eusepes postfasciatus (Coleoptera)

IRIS:

Anuraphis tulipae (Homoptera)
Blissus leucopterus hirtus (Hemiptera)
Bregmatothrips iridis (Thysanoptera)

IXORA:

Coccus viridis (Homoptera)
Ferrisia virgata (Homoptera)
Pulvinaria psidii (Homoptera)

JASMINUM:

Dialeurodes kirkaldyi (Homoptera)
Frankliniella bispinosa (Thysanoptera)

JUNIPERUS:

Lepidosaphes newsteadi (Homoptera)
Lepidosaphes pallida (Homoptera)

KADSURA:

Ceroplastes rubens (Homoptera)

KALMIA:

Chrysomphalus paulistus (Homoptera)

KERRIA:

Ailantus cinctus (Hymenoptera)

KHAYA:

Cordylomera spinicornis (Coleoptera)

LACTUCA:

Deroceras reticulatum (Mollusca)
Dicyphus annulatus (Hemiptera)
Macrosiphum formosanum (Homoptera)
Taeniothrips atratus (Thysanoptera)
Thrips angusticeps (Thysanoptera)

LAELIA:

Asterolecanium epidendri (Homoptera)
Chrysomphalus umboniferus (Homoptera)
Ferrisia virgata (Homoptera)
Furcaspis biformis (Homoptera)

LANSIUM:

Pheidole megacephala (Hymenoptera)

LATANIA:

Aspidiotus destructor (Homoptera)

Host and Insects—Continued

LATHYRUS:

- Bruchus tristis* (Coleoptera)
- Calocoris norvegicus* (Hemiptera)
- Haplothrips gowdeyi* (Thysanoptera)
- Taeniothrips atratus* (Thysanoptera)
- Taeniothrips gracilis* (Thysanoptera)
- Taeniothrips vulgarissimus* (Thysanoptera)
- Thrips flarus* (Thysanoptera)
- Thrips major* (Thysanoptera)

LAURUS:

- Chrysomphalus paulistus* (Homoptera)
- Iridomyrmex humilis* (Hymenoptera)
- Lecanium corni* (Homoptera)
- Piezodorus lituratus* (Hemiptera)
- Trialeurodes lauri* (Homoptera)

LEONOTIS:

- Pheidole megacephala* (Hymenoptera)

LEONTOPODIUM:

- Frankliniella pallida* (Thysanoptera)
- Taeniothrips atratus* (Thysanoptera)

LEUCOPHYLLUM:

- Chionaspis leucadendri* (Homoptera)

LILIUM:

- Aglossa cuprealis* (Lepidoptera)
- Diaprepes famelicus* var. (Coleoptera)
- Euborellia moesta* (Orthoptera)
- Pheidole megacephala* (Hymenoptera)
- Prodenia ornithogalli* (Lepidoptera)
- Taeniothrips gracilis* (Thysanoptera)

LITCHI:

- Pulvinaria psidii* (Homoptera)

LIVISTONA:

- Aspidiotus destructor* (Homoptera)

LUPINUS:

- Bruchus tristis* (Coleoptera)

LYCASTE:

- Iridomyrmex iniquus* (Hymenoptera)
- Puto ulter* (Homoptera)
- Vinsonia stellifera* (Homoptera)

LYCOPERSICON:

- Dacus cucurbitae* (Diptera)
- Dacus dorsalis* (Diptera)
- Lineodes integra* (Lepidoptera)
- Neoleucinodes elegantalis* (Lepidoptera)
- Platynota rostrana* (Lepidoptera)

MACADAMIA:

- Cryptophlebia illepidata* (Lepidoptera)

MACROZANONIA:

- Dacus caudatus* (Diptera)

MALUS:

- Allantus cinctus* (Hymenoptera)
- Argyresthia conjugella* (Lepidoptera)
- Ceratitis capitata* (Diptera)
- Cryptoblabes gnidiella* (Lepidoptera)
- Epiaispis piricala* (Homoptera)
- Glycyphagus domesticus* (Acarina)
- Grapholitha molesta* (Lepidoptera)
- Parlatoria oleae* (Homoptera)
- Rhagoletis pomonella* (Diptera)
- Tortrix excessana* (Lepidoptera)
- Tortrix postvittana* (Lepidoptera)

MALVA:

- Apion aneum* (Coleoptera)
- Apion radiolus* (Coleoptera)

MAMMEA:

- Anastrepha serpentina* (Diptera)

MAMMILLARIA:

- Gerstaeckeria mutillaria* (Coleoptera)
- Sezenotus luteiceps* (Hemiptera)

MANGIFERA:

- Anastrepha fraterculus* (Diptera)
- Anastrepha ludens* (Diptera)
- Anastrepha mombinpraeptans* (Diptera)
- Anastrepha serpentina* (Diptera)
- Anastrepha suspensa* (Diptera)
- Aspidiotus herculeanus* (Homoptera)
- Aulacaspis tubercularis* (Homoptera)
- Chrysomphalus personatus* (Homoptera)
- Dacus dorsalis* (Diptera)
- Euborellia pilebeja* (Orthoptera)
- Phenacaspis sandwicensis* (Homoptera)
- Pseudococcus lilacinus* (Homoptera)
- Sternonchetus mangiferae* (Coleoptera)

MAXILLARIA:

- Furcaspis bififormis* (Homoptera)

MELIA:

- Chrysomphalus personatus* (Homoptera)

MELILOTUS:

- Frankliniella cestrum* (Thysanoptera)

MENTHA:

- Phorodon menthae* (Homoptera)

MESPILUS:

- Ceratitis capitata* (Diptera)

MOMORDICA:

- Dacus cucurbitae* (Diptera)

MONSTERA:

- Cyrtosiphum sphaeroides* (Homoptera)
- Chrysomphalus tenax* (Homoptera)
- Protaetia fusca* (Coleoptera)

MUSA PARADISIACA SAPIENTUM:

- Cosmopolites sordidus* (Coleoptera)
- Metamasius sericeus* (Coleoptera)
- Metamasius sericeus carbonarius* (Coleoptera)

MUSCARI:

- Bouheila maroccana* (Homoptera)

MUSSAENDA:

- Ferrisia virgata* (Homoptera)
- Pulvinaria psidii* (Homoptera)

NARCISSUS:

- Lampetia equestris* (Diptera)
- Taeniothrips gracilis* (Thysanoptera)

NERIUM:

- Asterolecanium pustulans* (Homoptera)
- Cryptoblabes gnidiella* (Lepidoptera)
- Haplothrips gowdeyi* (Thysanoptera)
- Morganella longispina* (Homoptera)
- Pseudaonidia trilobitiformis* (Homoptera)

NIPA:

- Pinnaspis buzi* (Homoptera)

NOLINA:

- Chrysomphalus smilacis* (Homoptera)

ODONTOGLOSSUM:

- Ferrisia virgata* (Homoptera)
- Puto ulter* (Homoptera)

OLEA:

- Aspidiotus braunschvigi* (tentative) (Homoptera)
- Dacus oleae* (Diptera)
- Parlatoria oleae* (Homoptera)
- Prays oleellus* (Lepidoptera)

ONCIDIUM:

- Furcaspis bififormis* (Homoptera)
- Pseudischinaspis alienus* (Homoptera)
- Tenthecoris vestitus* (Hemiptera)
- Vinsonia stellifera* (Homoptera)

OPERCULINA:

- Asterolecanium epidendri* (Homoptera)
- Ferrisia virgata* (Homoptera)
- Sybra alternana* (Coleoptera)

OPUNTIA:

- Ceratitis capitata* (Diptera)

ORCHID:

- Amorbia emigratella* (Lepidoptera)
- Anaphothrips orchidaceus* (Thysanoptera)
- Anchonus foveifrons* (Coleoptera)
- Asterolecanium epidendri* (Homoptera)
- Capaneus tetricus* (Hemiptera)
- Chrysomphalus odontoglossi* (Homoptera)
- Chrysomphalus tenax* (Homoptera)
- Chrysomphalus umboniferus* (Homoptera)
- Corimelaena elegans* (Hemiptera)
- Diorymerellus laevimargo* (Coleoptera)
- Epilachna varivestis* (Coleoptera)
- Eustrophinus marginatus* (Coleoptera)
- Fulvius anthocoridis* (Hemiptera)
- Furcaspis bififormis* (Homoptera)
- Galgupha magna* (Hemiptera)
- Iridomyrmex humilis* (Hymenoptera)
- Iridomyrmex iniquus* (Hymenoptera)
- Leucaspis cockerelli* (Homoptera)
- Ligyrocoris nitidicollis* (Hemiptera)
- Macropygium reticulare* (Hemiptera)
- Monomorium destructor* (Hymenoptera)
- Myochrous femoralis* (Coleoptera)
- Myodocha longicollis* (Hemiptera)
- Nasutitermes nigriceps* (Isoptera)
- Neolobophora ruficeps* (Orthoptera)
- Pantomorus godmani* (Coleoptera)
- Paralleloplexis cattleyae* (?) (Diptera)
- Parlatoria pseudaspidiotus* (Homoptera)
- Pheidole megacephala* (Hymenoptera)
- Pseudaonidia trilobitiformis* (Homoptera)
- Pseudischinaspis alienus* (Homoptera)
- Puto ulter* (Homoptera)
- Tenthecoris angustimarginatus* (Hemiptera)

Host and Insects—Continued

ORCHID—Continued

- Tenthecoris bicolor* (Hemiptera)
Tenthecoris confusus (Hemiptera)
Tenthecoris distinguendus (Hemiptera)
Tenthecoris vestitus (Hemiptera)
Vinsonia stellifera (Homoptera)

ORNITHOGALUM:

- Frankliniella schultzei* (Thysanoptera)
Haplothrips nigricornis (Thysanoptera)
Haplothrips wouramboulchii (Thysanoptera)

ORYZA:

- Chilo simplex* (Lepidoptera)
Haltomorphia picta (Hemiptera)
Scotinophara lurida (Hemiptera)

PACHYCEREUS:

- Lepidosaphes philococcus* (Homoptera)

PAEONIA:

- Phassus excrecens* (?) (Lepidoptera)

PALM:

- Aleurotrachelus trachoides* (Homoptera)
Aspidiotus destructor (Homoptera)
Asterolecanium inlabefactum (Homoptera)
Chrysocoris grandis (Hemiptera)
Chrysomphalus sphaeroides (Homoptera)
Dysdercus flavolimbatus (Hemiptera)
Furcaspis biformis (Homoptera)
Oncometopia fowleri (Homoptera)
Paraleyrodes citri (?) (Homoptera)
Pinnaspis buxi (Homoptera)

PEDILANTHUS:

- Furcaspis biformis* (Homoptera)

PERSEA:

- Anastrepha ludens* (Diptera)
Aspidiotus destructor (Homoptera)
Aspidiotus diffinis (Homoptera)
Aspidiotus herculeanus (Homoptera)
Chrysomphalus albopictus (Homoptera)
Chrysomphalus personatus (Homoptera)
Conotrachelus aguacatae (Coleoptera)
Dacus dorsalis (Diptera)
Pseudoschnaspis longissima (Homoptera)
Stenomoma catenifer (Lepidoptera)
Tuckerella pavoniformis (Acarina)

PHALAENOPSIS:

- Chrysomphalus tingi* (Homoptera)

PHASEOLUS:

- Epinotia opposita* (Lepidoptera)
Fundella pellucens (Lepidoptera)
Laspeyresia leguminis (Lepidoptera)
Maruca testulalis (Lepidoptera)
Pyrastus nubilalis (Lepidoptera)

PHILODENDRON:

- Aonidiella citrina* (Homoptera)
Asterolecanium epidendri (Homoptera)
Asterolecanium pustulans (Homoptera)
Chrysomphalus albopictus (Homoptera)
Chrysomphalus sphaeroides (Homoptera)
Chrysomphalus tenax (Homoptera)
Fulvius anthocorides (Hemiptera)
Lepidosaphes carinata (Homoptera)
Pinnaspis buxi (Homoptera)

PHLOX:

- Sitona lineata* (Coleoptera)

PHOENIX:

- Ceratitis capitata* (Diptera)

PICEA:

- Hylurgops palliatus* (Coleoptera)
Pityogenes chalcographus (Coleoptera)

PINUS:

- Eulachnus piniformosanus* (?) (Homoptera)
Hylurgops palliatus (Coleoptera)
Ips sexdentatus (Coleoptera)
Lepidosaphes newsteadii (Homoptera)
Pityogenes bidentatus (Coleoptera)
Pityogenes chalcographus (Coleoptera)
Poliaspis pini (Homoptera)
Pseudococcus pini (Homoptera)
Ptochoryctis tsugensis (?) (Lepidoptera)

PITHECELLOBIUM:

- Cryptophlebia illepidia* (Lepidoptera)

PITTIOSPORUM:

- Frankliniella bispinosa* (Thysanoptera)

PLUMERIA:

- Coccus viridis* (Homoptera)
Chonchaspis newsteadii (Homoptera)
Taeniothrips hawaiiensis (Thysanoptera)

POLIANTHES:

- Iridomyrmex humilis* (Hymenoptera)
Pheidole megacephala (Hymenoptera)
Taeniothrips hawaiiensis (Thysanoptera)

PORTULACA:

- Ferrisia virgata* (Homoptera)

PORTULACARIA:

- Selenaspis portulacariae* (Homoptera)

PRIMULA:

- Frankliniella intonsa* (Thysanoptera)
Taeniothrips picipes (Thysanoptera)

PROSOPIA:

- Tetraleurodes acaciae* (Homoptera)

PRUNUS DOMESTICA:

- Anastrepha mombinpraepotans* (Diptera)
Aspidiotus diffinis (Homoptera)
Ceratitis capitata (Diptera)
Epidiaspis piricola (Homoptera)
Listroderes subcinctus (Coleoptera)
Megalometis chilensis (Coleoptera)
Parlatoria oleae (Homoptera)
Porotermes quadricollis (Isoptera)

PRUNUS PERSICA:

- Anastrepha fraterculus* (Diptera)
Anastrepha ludens (Diptera)
Ceratitis capitata (Diptera)
Grapholitha molesta (Lepidoptera)

PRUNUS PERSICA NECTARINA:

- Listroderes subcinctus* (Coleoptera)
Megalometis chilensis (Coleoptera)

PRUNUS SERRULATA LANNESIANA:

- Anthrenomus rectirostris* (Coleoptera)

PRUNUS SPINOSA (?):

- Diaplasus gigantorhynchus* (Acarina)
Eriophyes similis (Acarina)

PRUNUS SP. (CHERRY)

- Rhagoletis cerasi* (Diptera)

PRUNUS VAR.:

- Ericerus pela* (Homoptera)

PSIDIUM:

- Aleurogondulus emmae* (Homoptera)
Anastrepha fraterculus (Diptera)
Anastrepha mombinpraepotans (Diptera)
Anastrepha striata (Diptera)
Anastrepha suspensa (Diptera)
Ceratitis capitata (Diptera)
Dacus dorsalis (Diptera)
Paraleyrodes goyabae (?) (Homoptera)

PUNICA:

- Amorbia emigralella* (Lepidoptera)
Anastrepha ludens (Diptera)
Ceratitis capitata (?) (Diptera)
Cryptoblabes gnidiella (Lepidoptera)
Mimosestes sallaei (Coleoptera)

PYRUS:

- Anastrepha fraterculus* (Diptera)
Anastrepha ludens (Diptera)
Ceratitis capitata (Diptera)
Epidiaspis piricola (Homoptera)
Glycyphagus domesticus (Acarina)

QUERCUS:

- Aspidiotus zonatus* (Homoptera)
Curculio elephas (Coleoptera)

RATHBUNIA:

- Icerya palmieri* (Homoptera)

RHODODENDRON:

- Acroneciza ramicis* (Lepidoptera)
Aleurolobus rhododendri (Homoptera)
Dialeurodes chilendani (Homoptera)
Gracilaria azaleella (Lepidoptera)
Pseudococcus gahani (Homoptera)
Sitona lineata (Coleoptera)
Stephanitis pyrioides (Hemiptera)

RHUS:

- Parlatoria oleae* (Homoptera)

RICINUS:

- Coccus viridis* (Homoptera)

RORIPPA:

- Hydrellia nasturtii* (Diptera)
Phyllotreta nigripes (Coleoptera)

ROSA:

- Eutetranychus banksi* (Acarina)
Ferrisia virgata (Homoptera)
Frankliniella intonsa (Thysanoptera)
Pseudococcus gahani (Homoptera)
Taeniothrips atratus (Thysanoptera)

Host and Insects—Continued

- ROSA**—Continued
Thrips angusticeps (Thysanoptera)
Thrips flarus (Thysanoptera)
Thrips major (Thysanoptera)
- RUSCUS**:
Aspidiotus britannicus (Homoptera)
- SACCHARUM**:
Iridomyrmex humilis (Hymenoptera)
Monomorium destructor (Hymenoptera)
Pseudococcus boninsis (Homoptera)
"Targionia" sacchari (Homoptera)
Trionymus sacchari (Homoptera)
- SALIX**:
Ceroplastes ceriferus (Homoptera)
- SAManea**:
Sinorylon conigerum (Coleoptera)
- SAPOTE**:
Anastrepha ludens (Diptera)
Chrysomphalus personatus (Coleoptera)
Eutetranychus banksi (Acarina)
- SCABIOSA**:
Prodenia ornithogalli (Lepidoptera)
- SCHINUS**:
Tetraleurodes ursorum (Homoptera)
- SCHOMBURGKIA**:
Pheidole megacephala (Hymenoptera)
- SCILLA**:
Lampetia equestris (Diptera)
- SELAGINELLA**:
Epilachna varivestis (Coleoptera)
Orthesia selaginellae (Homoptera)
- SMILAX**:
Aulacaspis spinosa (Homoptera)
- SOIL**:
Deroceras reticulatum (Mollusca)
Glycyphagus domesticus (Acarina)
Mniophila muscorum (Coleoptera)
Rhynchaenus fagi (Coleoptera)
Taeniothrips ericae (Thysanoptera)
- SOLANUM MELONGENA**:
Leucinodes orbonalis (Lepidoptera)
Lineodes integra (Lepidoptera)
Neoleucinodes elegantalis (Lepidoptera)
- SOLANUM TUBEROSUM**:
Allozaccis dorsalis (Coleoptera)
Glycyphagus domesticus (Acarina)
Lampetia equestris (Diptera)
- SOLANUM SP.**:
Neoleucinodes elegantalis (Lepidoptera)
- SORBUS**:
Parlatoria oleae (Homoptera)
- SORGHUM**:
Pyrausta nubilalis (Lepidoptera)
Sesamia cretica (Lepidoptera)
- SPONDIAS**:
Anastrepha mombinpraepotans (Diptera)
Aspidiotus herculeanus (Homoptera)
- STANHOPEA**:
Asterolecanium epidendri (Homoptera)
Brevipalpus phoenicis (Acarina)
Vinsonia stellifera (Homoptera)
- STAPELIA**:
Asterolecanium stentae (Homoptera)
- STIPA**:
Nysius simulans (Hemiptera)
- STRELITZIA**:
Orydema longulum (Coleoptera)
Phenacaspis sandwicensis (Homoptera)
Pinnaspis buxi (Homoptera)
- SYRINGA**:
Adorophyes orana (Lepidoptera)
- SYRINGA**—Continued
Dendrothrips ornatus (Thysanoptera)
Rhynchaenus populi (Coleoptera)
Thrips flarus (Thysanoptera)
Thrips major (Thysanoptera)
Tydeus granulatus (Acarina)
- TAMARINDUS**:
Caryedon fuscus (Coleoptera)
- TAMARIX**:
Lepidosaphes newsteadi (Homoptera)
- TERMINALIA**:
Dacus dorsalis (Diptera)
Phenacaspis sandwicensis (Homoptera)
- TRACHYCARPUS**:
Aspidiotus destructor (Homoptera)
- TULIPA**:
Anurophus tulipae (Homoptera)
- ULMUS**:
Hydurgopinus rufipes (Coleoptera)
- VACCINIUM**:
Aleurotuberculatus similis (?) (Homoptera)
- VANDA**:
Anaphothrips corbeti (Thysanoptera)
Furcaspis biformis (Homoptera)
Iridomyrmex humilis (Hymenoptera)
Monomorium destructor (Hymenoptera)
Nysius coenosulus (Hemiptera)
Parlatoria pseudaspidiotus (Homoptera)
Pheidole megacephala (Hymenoptera)
Taeniothrips hawaiiensis (Thysanoptera)
- VIBURNUM**:
Aphis viburni (?) (Homoptera)
- VICIA**:
Apion pomonae (Coleoptera)
Bruchus brachialis (Coleoptera)
Bruchus dentipes (Coleoptera)
Bruchus guttalis (Coleoptera)
Bruchus luteicornis (Coleoptera)
Bruchus rufipes (Coleoptera)
Bruchus tristis (Coleoptera)
- VIGNA**:
Callosobruchus maculatus (Coleoptera)
- VIOLA**:
Haplothrips gowdeyi (Thysanoptera)
Taeniothrips gracilis (Thysanoptera)
- VITIS**:
Brachyrhinus rugosostriatus (Coleoptera)
Brevipalpus chilensis (Acarina)
Cryptoblabes gnidiella (Lepidoptera)
Iridomyrmex humilis (Hymenoptera)
Lecanium corni (Homoptera)
Leptoglossus chilensis (Hemiptera)
Phylloxera callosa (Coleoptera)
Polychrosis botrana (Lepidoptera)
- WISTERIA**:
Chionaspis wistariae (Homoptera)
Phenacoccus fujicola (Homoptera)
- YUCCA**:
Asterolecanium agavis (Homoptera)
- ZANTEDESCHIA**:
Iridomyrmex humilis (Hymenoptera)
- ZEALANDIA**:
Moodna bisinuella (Lepidoptera)
- ZELKOVA**:
Eriococcus abeliceae (Homoptera)
Lepidosaphes kuwacola (Homoptera)
- ZINGIBER**:
Orydema fusiforme (Coleoptera)
Pheidole megacephala (Hymenoptera)
- ZINNIA**:
Taeniothrips atratus (Thysanoptera)
Thrips flarus (Thysanoptera)

Hosts Unknown

- AIRPLANE**:
Adoretus sinicus (Coleoptera)
Anomala cuprea (Coleoptera)
Anomala viridana (Coleoptera)
Apogonalia stali (Homoptera)
Eurtinus notatipennis (Hemiptera)
Conoderus vagus (Coleoptera)
Coptotermes formosanus (Isoptera)
Crocosema plebeiana (Lepidoptera)
Cylas formicarius elegantulus (Coleoptera)
Dacus dorsalis (Diptera)
Draeculacephala producta (Homoptera)
Iridomyrmex humilis (Hymenoptera)
- AIRPLANE**—Continued
Mimosastes sallaei (Coleoptera)
Nysius coenosulus (Hemiptera)
Perkinsiella vitiensis (Homoptera)
Protaetia fusca (Coleoptera)
Protaetia orientalis (Coleoptera)
Sinorylon conigerum (Coleoptera)
Syrilla oceanica (Diptera)
Taeniothrips atratus (Thysanoptera)
Taeniothrips vulgarissimus (Thysanoptera)
Xystrocerca globosa (Coleoptera)
- BEAN**:
Bruchus tristis (Coleoptera)

Hosts Unknown—Continued

BULB:

Monomorium destructor (Hymenoptera)
Oryzodema fusiforme (Coleoptera)

FERN:

Bradybaena similis (Mollusca)

FLOWERS:

Amorbia emigratella (Lepidoptera)
Frankliniella bispinosa (Thysanoptera)
Frankliniella formosae (Thysanoptera)
Frankliniella schultzei (Thysanoptera)
Haplothrips gowdeyi (Thysanoptera)
Helix aspersa (Mollusca)
Microcephalothrips abdominalis (Thysanoptera)
Monomorium destructor (Hymenoptera)
Oryzocarenum bicolor (Hemiptera)
Protaetia fusca (Coleoptera)
Pseudothrips glaucus (Thysanoptera)
Taeniothrips atratus (Thysanoptera)
Taeniothrips vulgarissimus (Thysanoptera)
Thrips nigropilosus (Thysanoptera)

FOREST LITTER:

Hypera nigritrostris (Coleoptera)

GRASS:

Aspidiotus bilobis (Homoptera)
Asterolecanium miliaris miliaris (Homoptera)

HERB:

Aglossa cuprealis (Lepidoptera)
Monomorium destructor (Hymenoptera)
Zetha chavesi (Orthoptera)

IN BOX OF ANTHURIUMS:

Dacus dorsalis (Diptera)

IN GARBAGE CAN:

Anastrepha ludens (Diptera)

LEAF:

Aleuroplatus denticulatus (Homoptera)
Aleurothrixus myrtacei (Homoptera)
Chrysomphalus personatus (Homoptera)
Deroceras reticulatum (Mollusca)
Leucaspis cockerelli (Homoptera)
Targionia laurina (Homoptera)
Tetraleurodes acaciae (Homoptera)
Unaspis euonymi (Homoptera)
Vinsonia stellifera (Homoptera)

LEGUMINOSAE POD:

Ancylostomia stercora (Lepidoptera)

MERCHANDISE:

Cryptotermes formosanus (Isoptera)

MOSS:

Frankliniella bispinosa (Thysanoptera)

PACKING:

Listroderes subcinctus (Coleoptera)

PAPER WRAPPING:

Aglossa cuprealis (Lepidoptera)

PLANT:

Aleyrodes proletella (Homoptera)
Aspidiotus palmarum (Homoptera)
Asterolecanium pustulans (Homoptera)
Ceroptastes rubens (Homoptera)
Chrysomphalus umboniferus (Homoptera)
Coccus viridis (Homoptera)
Cryptoblabes gnidiella (Lepidoptera)
Dialeurodes kirkaldyi (Homoptera)
Ferrisia virgata (Homoptera)
Pulvinaria psidii (Homoptera)
Taeniothrips dianthi (Thysanoptera)

RAILWAY CAR:

Pectinophora gossypiella (Lepidoptera)

RETURNED WAR EQUIPMENT:

Achatina fulica (Mollusca)

RHIZOME:

Monomorium destructor (Hymenoptera)

ROOT:

Minthea rugicollis (Coleoptera)

SCRAP METAL:

Achatina fulica (Mollusca)

STRAW JACKET:

Glycyphagus domesticus (Acarina)
Tydeus interruptus (Acarina)

SUCCULENT:

Lepidosaphes bladhiae (tentative) (Homoptera)

SUITCASE:

Iridomyrmex humilis (Hymenoptera)

TREE FERN:

Bradybaena similis (Mollusca)

TREE SEED:

Caryedon fuscus (Coleoptera)
Pholidote megacephala (Hymenoptera)

TRUCK:

Pectinophora gossypiella (Lepidoptera)

VEGETABLES:

Monacha obstructa (Mollusca)

WITH BANANAS:

Anastrepha distincta (Diptera)

WOOD:

Chilo simplex (Lepidoptera)
Cryptotermes brevis (Isoptera)
Heterobostrychus aequalis (Coleoptera)
Kaloterms durbanensis (Isoptera)
Minthea rugicollis (Coleoptera)
Pogonocherus hispidulus (Coleoptera)
Sinoxylon anale (Coleoptera)
Sinoxylon conigerum (Coleoptera)

WOOL:

Calonota festiva (Coleoptera)

Countries of Origin and Insects

ALGERIA:

Bruchus guttalis
Parlatoria zizyphus

AMERICAN VIRGIN ISLANDS:

Furcaspis bifurmis
Pectinophora gossypiella

ANGLO-EGYPTIAN SUDAN:

Pectinophora gossypiella

ANGOLA:

Specularius impressithorax

ANTIGUA:

Aspidiotus palmarum
Coccus viridis
Pectinophora gossypiella
Pulvinaria psidii
"Targionia" hartii

ARGENTINA:

Frankliniella bispinosa
Frankliniella cestrum
Glycyphagus domesticus
Nysius simulans
Parlatoria cinerea
Pectinophora gossypiella
Pinus tectus

AUSTRALIA:

Calonota festiva
Ceroptastes rubens
Deroceras reticulatum
Eucalyptinus tessellatus
Haplothrips gowdeyi
Lepidosaphes tuberculata

AUSTRALIA—Continued

Oryzocarenum bicolor
Phorodon menthae
Plautia brunneipennis
Pseudococcus gahani
Pulvinaria psidii

AZORES:

Aglossa cuprealis
Ceratitis capitata
Deroceras reticulatum
Iridomyrmex humilis
Onthophagus taurus
Taeniothrips atratus
Thrips flavus
Zetha chavesi

BAHAMAS:

Anastrepha mombinpraeoptans
Ancylostomia stercora
Callosobruchus maculatus
Ferrisia virgata
Morganella longispina

BARBADOS:

Aspidiotus destructor
"Targionia" hartii
Vinsonia stellifera

BELGIAN CONGO:

Cryptophlebia leucotreta
Stephanoderes hampei

BELGIUM:

Apion fuscirostre
Deroceras reticulatum

Countries of Origin and Insects—Continued

BELGIUM—Continued

Evergestis forficatis
Gracilaria azalea
Ips sczedenatus
Phlyctaenia ferrugalis
Phytomyza atricornis (?)

BERMUDA:

Coccus viridis
Cryptolabes gnidiella
Diaprepes famelicus var.
Frankliniella bispinosa
Haplothrips gowdeyi
Iridomyrmex humilis
Monomorium destructor
Morganella longispina
Pheidole megacephala
Prodenia ornithogalli
Taeniothrips gracilis

BRAZIL:

Anastrepha fraterculus
Anastrepha mombinpraeoptans
Anastrepha parallela (?)
Anastrepha serpentina
Aspidiotus destructor
Asterolecanium degeneratum
Asterolecanium pustulans
Ceratitis capitata
Chrysomphalus paulistus
Cryptolabes gnidiella
Eurytoma orchidearum
Frankliniella paucispinosa
Galgupha vinctulata
Gnorimoschema borsaniella (?)
Gymnandrosoma aurantianum
Iridomyrmex iniquus
Maruca testulalis
Neoleucinodes elegantalis
Pachyzancla bipunctalis
Pectinophora gossypiella
Pheidole megacephala
Stenoma catenifer
Stephanoderes hampei

BRITISH EAST AFRICA:

Dinoderopsis serriger (?)

BRITISH GUIANA:

Neodryocetes guianae
Pinnaspis buzi

BRITISH HONDURAS:

Pseudischnaspis alienus

BRITISH VIRGIN ISLANDS:

Anastrepha mombinpraeoptans

BRITISH WEST INDIES:

Callosobruchus maculatus
Leucaspis cockerelli
Unaspis citri

CANADA:

Blissus leucopterus hirtus
Hylurgopinus rufipes
Taeniothrips atratus
Taeniothrips vulgatissimus

CANAL ZONE:

Ancylostoma stercorea
Aspidotus destructor
Asterolecanium epidendri
Brevipalpus phoenicis
Chrysomphalus personatus
Chrysomphalus umboniferus
Coccus viridis

Fundella pelluscens
Furcaspis bififormis
Lepidosaphes tokionis
Leucaspis cockerelli
Myochrous femoralis
Pseudoanidia trilobitiformis
Pseudischnaspis alienus
Stenoma catenifer
Vinsonia stellifera

CAPE VERDE ISLANDS:

Leucinodes orbonalis
Pheidole megacephala

CENTRAL AMERICA:

Leucaspis cockerelli

CEYLON:

Aspidiotus herculeanus

CHILE:

Brachyrimus rugosostriatus
Brevipalpus chilensis
Epidiaspis pirticola

CHILE—Continued

Leptoglossus chilensis
Listroderes subcinctus
Megalometis chilensis
Porotermes quadricollis

CHINA:

Chilo simplex
Coptotermes formosanus
Lepidosaphes tuberculata
Minthea rugicollis
Parlatoria zizyphus
Taeniothrips gracilis

COLOMBIA:

Anaphothrips orchidaceus
Chrysomphalus umboniferus
Coccus viridis
Dialeurodes citrifolii
Euscapes postfasciatus
Pseudoanidia trilobitiformis
Stenoma catenifer
Unaspis citri

COSTA RICA:

Anastrepha mombinpraeoptans
Aspidiotus destructor
Aspidiotus herculeanus
Chrysomphalus personatus
Deroceras reticulatum
Furcaspis bififormis
Leucaspis cockerelli
Metamasius sericeus
Neolobophora ruficeps
Pseudischnaspis longissima

CUBA:

Aganactes indecora
Aleurothrix floccosus
Anastrepha mombinpraeoptans
Anastrepha suspensa
Aspidiotus destructor
Asterolecanium pustulans
Chrysomphalus tenax
Coccus viridis
Cylas formicarius elegantulus
Dolichotetranychus floridanus
Ferrisia virgata
Leucaspis cockerelli
Maruca testulalis
Parlatoria cinerea
Parlatoria crotonis
Pheidole megacephala
Pinnaspis buzi
Protopulvinaria longivalvata
Ribua innoxia
Taeniothrips dianthi
Trionymus sacchari

CURACAO:

Caryedon fuscus
Furcaspis bififormis

DENMARK:

Adoxophyes orana
Apion carduorum
Phytomyza atricornis (?)
Schwiebea talpa
Sitona lineata
Taeniothrips atratus
Thrips angusticeps
Thrips major

DOMINICA:

Pheidole megacephala

DOMINICAN REPUBLIC:

Anastrepha mombinpraeoptans
Mimosestes dominicanus
Pheidole megacephala

ECUADOR:

Aleuropatus denticulatus
Aspidiotus palmae
Lepidosaphes tokionis
Leucaspis cockerelli
Metamasius sericeus
Pinnaspis buzi
Stenoma anonella
Stenoma catenifer

EGYPT:

Ceratitis capitata
Lepidosaphes tokionis
Lirius juncti
Parlatoria oleae

ENGLAND:

Acronicta rumicis

Countries of Origin and Insects—Continued

ENGLAND—Continued

Adorophyes orana
Anuraphis tulipae
Aspidiotus zonatus
Ctenicera cupreus
Deroceras reticulatum
Dialeurodes chittendeni
Frankliniella intonsa
Gracilaria azafella
Hydrellia nasturtii
Lampetia equestris
Laspeyresia splendana
Lepidosaphes tuberculata
Phytomyza atricornis (?)
Taeniothrips atratus
Taeniothrips ericae
Taeniothrips picipes
Taeniothrips vulgarissimus
Thrips angusticeps
Thrips flavus
Tydeus granulatus

FIJI:

Perkinsiella ritiensis
Stenotrupis marshalli (?)

FIJI (?):

Aonidiella inornata

FINLAND:

Eriophyes leionotus

FORMOSA:

Aleurolobus rhododendri
Aspidiotus bilobis
Lepidosaphes tuberculata
Parlatoria zizyphus
Pseudoaonidia clavigera

FRANCE:

Acrolepis assectella
Apion carduorum
Barathra brassicae
Bruchus luteicornis
Ceratitidis capitata
Ceroplastes rusci
Curculio elephas
Epidiaspis piricola
Evergestis rimosalis
Frankliniella bispinosa
Glycyphagus domesticus
Gortyna ochracea
Mamestra brassicae
Phyllotreta atra
Phyllotreta consobrina
Phyllotreta nigripes
Phyllotreta undulata
Pseudococcus gahani
Psylliodes chrysocephala
Rhagoletis cerasi
Sesamia cretica
Thrips flavus
Tydeus interruptus

GERMANY:

Anuraphis tulipae
Apion pomonae
Dicyphus annulatus
Frankliniella intonsa
Gelechia ericetella
Glycyphagus domesticus
Hylurgops palliatus
Lygus rugulipennis
Macrostiphum gei (?)
Micrelus ericae
Pityogenes bidentatus
Pityogenes chalcographus
Polychrosis botrana
Rhagoletis cerasi
Taeniothrips atratus
Taeniothrips ericae
Taeniothrips vulgarissimus
Thrips flavus
Thrips major

GOLD COAST:

Cordylomera spinicornis

GREECE:

Bruchus tristis
Ceratitidis capitata
Epidiaspis piricola
Parlatoria oleae
Sesamia cretica
Taeniothrips dianthi
Thrips angusticeps

GRENADA:

Parlatoria cinerea

GUADELOUPE:

Anastrepha mombinpraeoptans
Cosmopolites sordidus

GUAM:

Achatina fulica
Ceroplastes rubens
Lepidosaphes tokionis
Pseudococcus lilacinus
Pseudococcus saipanensis

GUATEMALA:

Aleurothrixus floccosus
Anaphothrips orchidaceus
Anastrepha ludens
Anastrepha mombinpraeoptans
Anastrepha serpentina
Anastrepha striata
Anchonus foveifrons
Eucalymnatus tessellatus
Fulvius anthocorides
Iridomyrmex iniquus
Ligyrocoris nilidicollis
Protopulvinaria longivalvata
Pseudischinaspis alienus
Puto ulter
Tenthecoris bicolor
Tenthecoris vestitus

HAITI:

Anastrepha mombinpraeoptans
Coccus viridis
Cylas formicarius elegantulus
Haplothrips gowdeyi
Pectinophora gossypiella
Sinoxylon conigerum
Unaspis citri

HAWAII:

Adorelus sinicus
Amorbia emigratella
Anaphothrips corbeti
Aonidiella inornata
Asterolecanium bambusae
Asterolecanium pustulans
Bradybaena similis
Brevipalpus phoenixis
Caryedon fuscus
Catorama herbarium
Ceratitidis capitata
Ceroplastes rubens
Coccus capparidis
Coccus viridis
Coptotermes formosanus
Cryptophlebia illepidia
Cryptotermes brevis
Dacus cucurbitae
Dacus dorsalis
Diocalandra taitensis
Ereunetis flavistriata
Eucalymnatus tessellatus
Eusepes postfasciatus
Ferrisia virgata
Furcaspis biformis
Haplothrips gowdeyi
Iridomyrmex humilis
Lampides boeticus
Lepidosaphes bladhiae (tentative)
Lepidosaphes tokionis
Leucaspis cockerelli
Marruca testulalis
Mimosestes sallaei
Mitrastethus brouni
Nystius coenosulus
Odonaspis greeni
Oxydema fustiforme
Oxydema longulum
Pantomorus godmani
Parlatoria pseudaspidiolus
Pealius hibisci
Pectinophora gossypiella
Pheidole megacephala
Phenacaspis sandwicensis
Pinnaspis buxi
Pinnaspis uniloba
Protactia fusca
Pseudococcus palmarum
Pulvinaria psidii
Sinoxylon conigerum
Siphanta acuta

Countries of Origin and Insects—Continued

HAWAII—Continued

Sternochetus mangiferae
Sybra alternans
Syrilla oceanica
Taeniothrips hawaiiensis
Taeniothrips vitticornis
Tricentrus albomaculatus
Trionymus lounsburgi
Tuckerella pavonisformis
Xystrocera globosa

HONDURAS:

Anastrepha ludens
Anastrepha mombinpraeoptans
Pheidole megacephala
Pseudischaspis alienus

HUNGARY:

Bruchus brachialis

INDIA:

Anaphothrips corbetti
Aspidiotus destructor
Callosobruchus maculatus
Caryedon fuscus
Chilo simplex
Coccus capparidis
Cylas formicarius
Frankliniella schultzei
Haplothrips gowdeyi
Heterobostrychus aequalis
Lepidosaphes tuberculata
Microcephalothrips abdominalis
Minthea rugicollis
Monomorium destructor
Paraputo taraktogoni
Pectinophora gossypiella
Pinnaspis exercitata
Sinoxylon anale
Sinoxylon conigerum
Sternochetus mangiferae

INDONESIA:

Dacus caudatus
Furcaspis biformis
Stephanoderes hampei

IRELAND:

Calocoris norvegicus
Diptacus gigantorhynchus
Eriophyes similis
Glycyphagus domesticus
Taeniothrips atratus
Taeniothrips ericae
Taeniothrips vulgatissimus
Thrips flavus
Thrips major
Thrips nigropilosus

ISRAEL:

Asterolecanium pustulans
Ceratitis capitata (?)
Haplothrips gowdeyi
Parlatoria cinerea
Thrips flavus

ITALIAN SOMALILAND:

Ozycaenus hyalinipennis
Pectinophora gossypiella

ITALY:

Aglossa cuprealis
Apion carduorum
Apion radiolus
Aspidiotus braunschvigi (tentative)
Aspidiotus britannicus
Autoserica castanea
Brachycerus albidentatus
Brachycerus alpinus
Bruchus guttalis
Bruchus rufipes
Bruchus tristis
Cavariella caprae
Ceratitis capitata
Ceroplastes ruscii
Cryptoblabes gnidiella
Curculio elephas
Curculio nucum
Dacus oleae
Deroceras reticulatum
Dyspessa ulula
Epidiaspis piricola
Euborellia moesta
Glycyphagus domesticus
Gortyna flavago
Iridomyrmex humilis

ITALY—Continued

Lampetia equestris
Laspeyresia splendana
Lepidosaphes ficus
Lecanium corni
Limax maximus
Mamestra brassicae
Mniophila muscorum
Parlatoria cinerea
Parlatoria oleae
Parlatoria zizyphus
Pectinophora gossypiella
Piezodorus lituratus
Polychrosis botrana
Prays oleellus
Pyrausta nubilalis
Rhagoletis cerasi
Rhynchaenus fagi
Sesamia cretica
Trialeurodes lauri

JAMAICA:

Anastrepha mombinpraeoptans
Caryedon fuscus
Chrysomphalus tenax
Coccus viridis
Cylas formicarius elegantulus
Fundella pellucens
Furcaspis biformis
Leucaspis cockerelli
Monomorium destructor
Palaeopus costicollis
Parallelodiplosis cattleayae
Selenothrips rubrocinctus
Vinsonia stellifera

JAPAN:

Anisoblabis marginalis
Anomala cuprea
Anthonomus rectirostris
Anidiella citrina
Aspidiotus degeneratus
Aspidiotus destructor
Aspidiotus pseudomeyeri (tentative)
Aulacaspis spinosa
Baratha brassicae
Capitophorus formosanus
Ceroplastes ceriferus
Ceroplastes rubens
Chilo simplex
Chionaspis wistariae
Chrysocoris grandis
Deroceras reticulatum
Dialeurodes citri
Dialeurodes kirkaldyi
Diaspis carueli
Ericerus pe-la
Eriococcus abeliceae
Eulachnus piniformosanus (?)
Frankliniella formosae
Grapholitha molesta
Halyomorpha picta
Haplothrips gowdeyi
Laspeyresia splendana
Lepidosaphes kuwacola
Lepidosaphes machili
Lepidosaphes newsteadi
Lepidosaphes pallida
Lepidosaphes tuberculata
Limax marginatus
Listroderes costirostris obliquus
Macrostiphum formosanum
Marcia testulalis
Microcephalothrips abdominalis
Monomorium destructor
Parlatoria camelliae
Parlatoria pyri
Parlatoria zizyphus
Pectinophora gossypiella
Phassus exrescens (?)
Phenacoccus fujicola
Poliaspis pini
Protaetia orientalis
Pseudococcus kraunhaiae
Pseudococcus pini
Ptochoryctis tsugensis (?)
Pyrausta nubilalis
Scotinophara lurida
Stephanitis pyrioides

Countries of Origin and Insects—Continued

JAPAN—Continued

Taeniothrips distalis
Taeniothrips hawaiiensis
Thrips nigropilosus
Unaspis yanonensis
Xyleborus morstatti

JOST VAN DYKES:

Anastrepha mombinpraeoptans
Heterotermes convezinotatus
 "Targionia" hartii

KOREA:

Phenacaspis aucubae

KWAJALEIN:

Furcaspis oceanica
Lepidosaphes esakii

LEBANON:

Bradybaena similaris
Bruchus dentipes
Ceratitis capitata
Cryptoblabes gnidiella
Dacus oleae

LEBANON (?):

Monacha obstructa

LIBERIA:

"Targionia" sacchari

MADAGASCAR:

Chrysomphalus pinnulifera (tentative)

MADEIRA ISLANDS:

Ceratitis capitata
Chrysomphalus personatus
Haplothrips gowdeyi
Targionia laurina

MALTA:

Ceratitis capitata

MARTINIQUE:

Ancylostomia stercorea
Aulacaspis tubercularis

MEXICO:

Aleurocanthus woglumi
Aleuroglandulus emmae
Aleurotrachelus trachoides
Allozacia dorsalis
Alpheias conspirata
Amorbia emigratella
Anaphothrips orchidaceus
Anastrepha fraterculus
Anastrepha ludens
Anastrepha mombinpraeoptans
Anastrepha serpentina
Anastrepha suspensa
Antonina graminis
Aphanus umbrosus
Apogonalia stali
Aspidiotus destructor
Aspidiotus diffinis
Asterolecanium agavis
Asterolecanium epidendri
Asterolecanium inlabefactum
Asterolecanium pustulans
Auifeus impressicollis
Aulacoscelia elongata
Blissus leucopterus insularis
Bucculatrix thurberiella
Burtinus notatipennis
Chrysomphalus agavis
Chrysomphalus albopictus
Chrysomphalus odontoglossi
Chrysomphalus personatus
Chrysomphalus scutiformis
Chrysomphalus smilacis
Chrysomphalus sphaeroides
Chrysomphalus tenax
Chrysomphalus umboniferus
Conchaspis newsteadi
Conoderus vagus
Conotrachelus aguacatae
Corimetana elegans
Crociosema plebeiana
Cylas formicarius elegantulus
Dialeurodes citri
Dialeurodes citrifolii
Diorymerellus laevimargo
Draeculacephala producta
Dysdercus flavolimbatulus
Epilachna varivestis
Epinotia opposita
Eucalymnatus tessellatus
Eustrophinus marginatus

MEXICO—Continued

Eutetranychus banksi
Exptochiamera oblonga
Ferrisia virgata
Frankliniella fortissima
Fulvius anthocorides
Furcaspis bififormis
Galgupha magna
Gerstaeckeria mutilaria
Gnorimoschema gudmannella
Helix aspersa
Icerya palmeri
Laspeyresia leguminis
Lepidosaphes carinata
Lepidosaphes philococcus
Ligyrus ebenus
Lincoedus integra
Macroductylus mexicanus
Macropygium reticulare
Metamastus sericeus carbona, us
Micrapate labialis
Mimosestes sallaei
Moodna bisinuella
Myochrous carinatus
Myodocha longicollis
Neoleucinodes elegantalis
Oncometopia fowleri
Orthesia selaginellae
Paraleyrodes citri (?)
Paraleyrodes goyabae (?)
Parlatoria cinerea
Pectinophora gossypiella
Pinnaspis buzi
Platoceticus symmicta
Platynota rostrana
Pseudococcus boninsis
Pseudoparlatoria punctata
Rhagoletis pomonella
Sisamnes contractus
Sitona luteiceps
Stenoma catenifer
Talponia batesi
 "Targionia" bromiliae
Tenthecoris angustimarginatus
Tenthecoris bicolor
Tenthecoris confusus
Tenthecoris vestitus
Tetraleurodes acaciae
Tetraleurodes ursorum
Toxotrypana curvicauda
Tryonymus sacchari
Unaspis euonymi

MONTSERAT:

Asterolecanium miliaris robustum

MOROCCO:

Bouhelia maroccana
Ceratitis capitata
Furcaspis bififormis
Parlatoria zizyphus

MOZAMBIQUE:

Ceratitis capitata (?)

NETHERLANDS:

Adoxophyes orana
Allantus cinctus
Anuraphis tulipae
Aphis viburni (?)
Bregmatothrips iridis
Dendrothrips ornatus
Deroceras reticulatum
Dialeurodes chittendeni
Eriophyes canestrinii
Glycyphagus domesticus
Gracilaria azalella
Lampetia equestris
Lepidosaphes tuberculata
Phytomyza atricornis (?)
Rhagoletis cerasi
Rhynchaenus populi
Sitona lineata
Taeniothrips atratus

NEVIS:

Asterolecanium bambusae
Asterolecanium miliaris miliaris
Asterolecanium miliaris robustum
 "Targionia" hartii

NEW ZEALAND:

Deroceras reticulatum
Helix aspersa

Countries of Origin and Insects—Continued

NEW ZEALAND—Continued

Tortrix excessana
Tortrix postvittana

NICARAGUA:

Anastrepha fraterculus
Anastrepha mombinpraeoptans
Aulacaspis tubercularis
Leucaspis cockerelli
Stenomoma anonella

NORWAY:

Allantus cinctus
Anuraphis tulipae

PALMYRA ISLAND:

Ferrisia virgata

PANAMA:

Anastrepha distincta
Anastrepha mombinpraeoptans
Anastrepha striata
Ancylostomia stercorea
Aspidiotus destructor
Chrysomphalus scutiformis
Chrysomphalus umboniferus
Furcaspis bifurmis
Leucaspis cockerelli
Metamasius sericeus
Parlatoria zizyphus
Pinnaspis buzi
Pseudischnaspis alienus
Toxotrypana curvicauda
Vinsonia stellifera

PARAGUAY:

Neoleucinodes elegantalis

PERU:

Epinotia opposita
Euscepes postfasciatus

PHILIPPINES:

Achatina fulica
Aonidiella citrina
Aonidiella inornata
Aspidiotus coryphae
Aspidiotus palmae
Aulacaspis tubercularis
Chrysomphalus tingi
Conarthrus vicinus
Dacus cucurbitae
Deroceras reticulatum
Dialeurodes kirkaldyi
Ferrisia virgata
Lepidosaphes vermiformis
Macrosiphum formosanum
Parlatoria zizyphus
Pheidole megacephala
Pultrina psidii
Taeniothrips hawaiiensis
Unaspis yanonensis

PORTUGAL:

Aleyrodes proletella
Apion pomonae
Ceratitis capitata
Curculio elephas
Dacus oleae
Deroceras reticulatum
Iridomyrmex humilis
Laspeyresia splendana
Lecanium corni
Parlatoria camelliae
Parlatoria oleae
Phytomyza atricornis (?)
Rhagoletis cerasi

PUERTO RICO:

Anastrepha mombinpraeoptans
Anastrepha suspensa
Ancylostomia stercorea
Coccus viridis
Cylas formicarius elegantulus
Euscepes postfasciatus
Maruca testulalis
Pectinophora gossypiella
"Targionia" sacchari

ST. KITS:

Aleurothrixus myrtacei
Asterolecanium miliaris miliaris

ST. MARTIN:

"Targionia" hartii

SAIPAN:

Achatina fulica

SALVADOR:

Anastrepha mombinpraeoptans
Aspidiotus destructor
Aspidiotus herculeanus
Aulacaspis tubercularis
Chrysomphalus umboniferus
Leucaspis cockerelli
Pseudischnaspis alienus
"Targionia" bromiliae
Tenthercoris distinguendus

SCOTLAND:

Frankliniella intonsa
Gelechia ericetella
Micrelus ericae
Orthotylus ericetorum
Taeniothrips atratus
Taeniothrips ericae
Taeniothrips vulgatissimus
Thrips flavus
Thrips major
Wachtliella ericina (?)

SIERRA LEONE:

Pseudoparlatoria ostrea

SPAIN:

Brachycerus algeris
Ceratitis capitata
Chilo simplex
Curculio elephas
Dacus oleae
Deroceras reticulatum
Dyspessa ulula
Hypera nigrostris
Laspeyresia splendana
Limax marginatus
Parlatoria oleae
Parlatoria zizyphus

STRAITS SETTLEMENTS:

Cylas formicarius

SUMATRA:

Parlatoria pseudaspidotus

SWEDEN:

Adoxophyes orana
Aleurotuberculatus similis
Argyresthia conjugella
Hylurgops palliatus
Pityogenes chalcographus
Pogonocherus hispidulus
Stephanitis oberti
Taeniothrips atratus
Thrips nigropilosus

SWITZERLAND:

Frankliniella pallida
Lampetia equestris
Taeniothrips atratus

SYRIA:

Dacus oleae

TAHITI:

Morganella longispina
Sternochetus mangiferae

THAILAND:

Cylas formicarius var.
Dolichotetranychus vandergooti
Euborellia plebeja
Lepidosaphes tokionis
Parlatoria pseudaspidotus
Sternochetus mangiferae

TORTOLA:

Anastrepha mombinpraeoptans
Ancylostomia stercorea
Cylas formicarius
Euscepes postfasciatus
"Targionia" hartii

TRANSVAAL:

Brithys pancratii
Pheidole megacephala

TRINIDAD:

Anastrepha mombinpraeoptans
Anastrepha serpentina
Anastrepha suspensa
Ancylostomia stercorea
Aulacaspis tubercularis
Chrysomphalus umboniferus
Coccus viridis
Cylas formicarius elegantulus
Euscepes postfasciatus
Ferrisia virgata

TRINIDAD—Continued

Furcaspis biformis
Leucaspis cockerelli
Mimosestes dominicanus
Mimosestes sollaei
Nasutitermes nigriceps
Parlatoria cinerea
Pectinophora gossypiella
Pinnaspis buzi
Protopulvinaria longivalvata
 "Targionia" *sacchari*
Toxotrypana curvicauda
Unaspis citri
Vinsonia stellifera

TURKEY:

Ceratitis capitata
Lepidosaphes ficus
Macropiaz fasciata
Pectinophora gossypiella
Sesamia cretica

UNION OF SOUTH AFRICA:

Aspidiotus pectinatus (tentative)
Asterolecanium steniae
Ceratitis capitata (?)
Chionaspis leucodendri
Cryptophlebia leucotreta
Dacus ciliatus (?)
Frankliniella schultzei
Haplothrips nigricornis
Haplothrips wouramboulchii
Iridomyrmex humilis
Kaloterms durbanensis
Lampetia equestris
Pheidole megacephala
Phlyctinus callosus
Pseudaspidoproctus fulleri
Pseudothrips glaucus

UNION OF SOUTH AFRICA—Continued

Selenaspis portulacariae
Specularius impressothorax

UNKNOWN:

Ceratitis capitata
Chilo simplex
Frankliniella intonsa
Orthesia praelonga
Stephanoderes hampei
Taeniothrips atratus
Taeniothrips dianthi
Taeniothrips vulgarissimus
Thrips flavus
Thrips major
Unaspis yanonensis

URUGUAY:

Epinotia opposita

VENEZUELA:

Aganactesis indecora
Anastrepha fraterculus (?)
Capaneus tetricus
Chrysomphalus umboniferus
Coccus viridis
Eurytoma orchidearum
Fundella pelluscens (?)
Furcaspis biformis
Monomortium destructor
Pseudischnaspis alienus
Tetraleurodes acaciae
Vinsonia stellifera

WAKE ISLAND:

Anomala viridana

WEST INDIES:

Leucaspis cockerelli

YUGOSLAVIA:

Ceratitis capitata
Curculio elephas
Laspeyresia splendana

Pests (diseases) collected and reported from July 1, 1952, through June 30, 1953

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Aecidium mozinae</i> Arth.:					
<i>Jatropha spathulata</i>	Mexico	1			Tex.
<i>Alternaria dianthi</i> F. L. Stevens & J. G. Hall:					
<i>Dianthus barbatus</i> (sweet-william)	Canada			1	N. Y.
<i>Dianthus</i> sp. (carnation)	France, Japan	1	3		Hawaii, Pa., Wash.
<i>Aphelenchoides bicaudatus</i> Imamura:					
<i>Dracaena</i> sp.	Brazil		1		Pa.
<i>Aphelenchoides ritzei</i> Ma-bosi (Schwartz) (?):					
<i>Chrysanthemum</i> sp.	Japan			1	Calif.*
<i>Aphelenchoides subtenuis</i> Cobb:					
<i>Narcissus</i> sp.	Italy			7	N. Y.
<i>Apiospora punctum</i> Sacc. & Speg.:					
Bamboo	Japan		1		Md.
<i>Apiospora rhododendri</i> Oud.:					
<i>Rhododendron</i> sp.	England			1	Wash.
<i>Aschersonia alegridis</i> Webber:					
<i>Chamaedorea</i> sp. (palm)	Mexico	1			Tex.
<i>Ascochyta citri</i> Penz:					
<i>Citrus paradisi</i> (grapefruit)	Canal Zone		1		Calif.*
<i>Ascochyta hesperidearum</i> Penz.:					
<i>Citrus sinensis</i> (orange)	Mexico, Turkey	2			Pa., Tex.
<i>Ascochyta magnoliae</i> Thuem.:					
<i>Magnolia</i> sp.	Netherlands			1	Wash.
<i>Ascochyta pisi</i> Lib.:					
<i>Vicia</i> sp.	Chile			1	D. C.
<i>Ascochyta trigonellae</i> Trav. & Spessa:					
<i>Trigonella</i> sp.	Turkey			1	D. C.
<i>Asperisporium caricae</i> (Speg.) Maubl.:					
<i>Carica papaya</i>	Cuba, Mexico	1	1		Tex.

Pests (diseases) collected and reported from July 1, 1952, through June 30, 1953—Con.

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Botryosphaeria berengeriana</i> de N.f. <i>araucariae</i> Sacc.:					
<i>Araucaria araucana</i>	Italy.....			1	N. J.
<i>Botryosphaeria ribis</i> Gross. & Dug.:					
<i>Crataegus</i> sp.....	Netherlands.....			1	N. J.
<i>Duvalia</i> sp.....	Kenya.....			1	N. J.
<i>Botrytis elliptica</i> (Berk.) Cke.:					
<i>Lilium auratum</i> (goldband lily).....	Japan.....			10	Calif.*, Hawaii.
<i>Lilium auratum platyphyllum</i>	do.....			2	Calif.*
<i>Lilium japonicum</i> (Japanese lily).....	do.....			5	Calif.*
<i>Lilium speciosum rubrum</i> (pink speciosum lily).....	do.....			3	Calif.*
<i>Lilium tigrinum</i> (tiger lily).....	do.....			2	Calif.*
<i>Botrytis gladiolorum</i> Timmerm.:					
<i>Acidanthera</i> sp.....	Netherlands.....			1	N. J.
<i>Gladiolus gandavensis</i> (breeders gladiolus).....	Japan.....			2	Calif.*
<i>Gladiolus</i> sp.....	Germany, Japan, Mexico. ico.	1		3	Calif.* ¹ D. C., N. Y.
<i>Briosis azaleae</i> (Pk.) Dearn.:					
<i>Rhododendron</i> Chintz.....	England.....			1	N. J.
<i>Catacauma sabal</i> Chardon (?):					
<i>Palm</i>	Mexico.....	1			Tex.
<i>Cephalosporium roseum</i> Cda.:					
<i>Oryza sativa</i> (rice).....	Portugal.....	1			Minn.
<i>Cercospora angrei</i> Roum.:					
<i>Odontioda Madeline</i> (orchid).....	Belgium.....			1	N. J.
<i>Cercospora centrosema</i> Chupp & Muller:					
<i>Centrosema pubescens</i>	Salvador.....			1	D. C.
<i>Cercospora coffeicola</i> Berk. & Cke.:					
<i>Coffea</i> sp.....	Mexico.....	1			Tex.
<i>Cercospora handelii</i> Bub.:					
<i>Rhododendron indicum</i> (indica azalea).....	Belgium.....			1	N. J.
<i>Rhododendron</i> sp.....	Netherlands.....			2	N. J.
<i>Cercospora malayensis</i> F. L. Stevens & Solh.:					
<i>Hibiscus esculentus</i> (okra).....	Cuba.....	1			La.
<i>Cercospora mirabilis</i> Tharp:					
<i>Bougainvillea</i> sp.....	Canal Zone.....			1	Fla.
<i>Cercospora musae</i> Zimm.:					
<i>Musa paradisica</i> (plantain).....	Puerto Rico.....	1			P. R.
<i>Musa paradisica sapientum</i> (banana).....	Canal Zone, Ecuador, Guatemala, Mexico, Trinidad.	10	1		Ala., Calif.*, Tex.
<i>Cercospora neriella</i> Sacc.:					
<i>Nerium oleander</i> (oleander).....	Bermuda.....			1	Md.
<i>Cercospora oryzae</i> I. Miyake:					
<i>Oryza sativa</i> (rice).....	Mexico.....	1			Tex.
<i>Cercospora pini-densiflorae</i> Hori & Nambu:					
<i>Pinus parviflora</i> (Japanese white pine).....	Japan.....			1	Calif.*
<i>Cercospora purpurea</i> Cke.:					
<i>Persea americana</i> (avocado).....	Mexico.....	2			Tex.
<i>Cercospora rhododendri</i> Em. Marchal & Verpl.:					
<i>Rhododendron</i> sp.....	Netherlands.....			1	N. J.
<i>Cerebella andropogonis</i> Ces.:					
<i>Bothriochloa insculpta</i>	Kenya.....			1	D. C.
<i>Heteropogon contortus</i> (tanglehead).....	Tanganyika.....			1	D. C.
<i>Hyparrhenia lintonii</i>	Kenya.....			1	D. C.
<i>Hyparrhenia</i> sp.....	Madagascar.....			1	D. C.
<i>Paspalum dilatatum</i> (Dallis grass).....	Australia.....			1	N. Y.
<i>Ceuthospora lunata</i> Shear:					
<i>Andromeda</i> sp.....	Netherlands.....			1	N. J.
<i>Leucothoe catesbaei</i> (drooping leucothoe).....	do.....			1	N. J.
<i>Leucothoe</i> sp.....	do.....			1	N. J.
<i>Chaetomella atra</i> Fekl.:					
<i>Orchid</i>	Mexico.....			1	Tex.
<i>Chaetomium contortum</i> Bainier:					
<i>Solanum tuberosum</i> (potato).....	Netherlands.....			1	Calif.*
<i>Chrysomya rhododendri</i> (DC.) d By.:					
<i>Rhododendron azaleodendron</i>	England.....			1	N. J.
<i>Rhododendron ferrugineum</i>	Austria, Switzerland.....	12		2	N. J., N. Y.
<i>Rhododendron</i> sp.....	Switzerland.....	2			Calif.* ¹ N. J.
<i>Claviceps paspali</i> F. L. Stevens & J. G. Hall:					
<i>Paspalum notatum</i> (bahia grass).....	Brazil.....			1	D. C.
<i>Claviceps purpurea</i> (Fr.) Tul.:					
<i>Arrhenatherum</i> sp.....	Chile.....			1	D. C.

Pests (diseases) collected and reported from July 1, 1952, through June 30, 1953—Con.

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Coleosporium blefiae</i> Diet.:					
<i>Phajus wallichii</i> (orchid)	India			1	N. J.
<i>Coleosporium dahliae</i> Arth.:					
<i>Dahlia</i> sp.	Mexico	1			Tex.
<i>Coleosporium domingense</i> (Berk.) Arth.:					
<i>Plumeria</i> sp.	Canal Zone			1	Fla.
<i>Coleosporium solidaginis</i> (Schw.) Thuem.:					
<i>Aster</i> sp.	Japan		1		Wash.
<i>Colletotrichum agaves</i> Cav.:					
<i>Agave</i> sp.	Italy, Mexico			3	N. J., Tex.
<i>Colletotrichum arecae</i> Syd.:					
<i>Areca cathecu</i> (betel palm)	Guam	1			D. C.
<i>Colletotrichum coffeanum</i> Noack:					
<i>Coffea</i> sp. (coffee)	Hawaii			1	Hawaii.
<i>Colletotrichum erythrinae</i> Ell. & Ev.:					
<i>Erythrina</i> sp.	Mexico			1	Tex.
<i>Colletotrichum fructus</i> (F. L. Stevens & J. G. Hall) Sacc.:					
<i>Pyrus communis</i> (pear)	Denmark		1		Pa.
<i>Colletotrichum gliricidae</i> Syd.:					
<i>Gliricidia sepium</i>	Cuba	1			D. C.
<i>Colletotrichum graminicola</i> (Ces.) G. W. Wils.:					
<i>Axonopus compressus</i> (carpet grass)	Uruguay			1	D. C.
<i>Bromus catharticus</i> (rescue brome grass)	Natal			1	D. C.
Grass packing	Mexico	1			Ariz.
<i>Sorghum vulgare</i> (sorghum) (?)	do	1			Tex.
<i>Sorghum vulgare technicum</i> (broome corn)	do	1			Tex.
<i>Colletotrichum liliacearum</i> (Schw.) Ferr.:					
<i>Allium kansuense</i>	Canada			1	Calif.*
<i>Iris ensata</i> (Russian iris)	Japan			1	Calif.*
<i>Iris feotidissima</i> (gladwin iris)	England			1	Calif.*
<i>Iris germanica</i> (German iris)	Australia, Canada, England, Germany, New Zealand.			12	Calif.*
<i>Iris pseudacorus</i> (yellowflag iris)	England			1	Calif.*
<i>Iris unguicularis</i> (Algerian iris)	do			1	Calif.*
<i>Iris</i> sp.	do			3	Calif.*
<i>Lilium auratum</i> (goldband lily)	Japan	1		4	Calif.*
<i>Lilium giganteum</i> (giant lily)	do			1	Calif.*
<i>Lilium longiflorum</i> (Easter lily)	Japan, Okinawa			4	Calif.*
<i>Lilium makinoi</i> (bamboo lily)	Japan			2	Calif.*
<i>Lilium pomponium</i> (pompon lily)	do			1	Hawaii.
<i>Lilium speciosum</i> (speciosum lily)	do	1			Calif.*
<i>Lilium speciosum rubrum</i> (pink speciosum) lily	do			5	Calif.*
<i>Lilium</i> sp.	do	2		4	Calif.*
<i>Colletotrichum philodendri</i> P. Henn.:					
<i>Philodendron</i> sp.	Mexico			3	Tex.
<i>Colletotrichum trichella</i> (Fr.) Duke:					
<i>Patshedera</i> sp.	Belgium			1	N. J.
<i>Colletotrichum yuccae</i> Poll.:					
<i>Agave</i> sp.	Italy			1	N. J.
<i>Coniosporium patmicola</i> Tracy & Earle:					
<i>Cocos nucifera</i> (coconut)	Tahiti	1			Calif.*
<i>Coniothecium chomatosporum</i> Cda.:					
<i>Malus sylvestris</i> (apple)	Mexico, Philippines	2			Hawaii, Tex.
<i>Coniothyrium cytisellum</i> (Pass. & Thuem.) Sacc.:					
<i>Laburnum watereri</i> (waterer laburnum)	Netherlands			37	N. J.
<i>Laburnum</i> sp.	do			1	N. J.
<i>Coniothyrium hellebori</i> Cke. & Mass.:					
<i>Helleborus lividus</i>	England			1	N. J.
<i>Helleborus niger</i> (Christmas-rose)	England, Netherlands			14	N. J., N. Y., Wash.
<i>Helleborus orientalis</i>	Netherlands			1	N. J.
<i>Helleborus</i> spp.	do			2	N. J.
<i>Coniothyrium moliaceum</i> Bon.:					
<i>Wisteria</i> sp.	Japan			1	Calif.*
<i>Coniothyrium rhododendri</i> P. Henn.:					
<i>Rhododendron</i> sp.	England			1	Wash.
<i>Coniothyrium stanhopeae</i> P. Henn.:					
Orchid	Mexico			1	Ariz.
<i>Coniothyrium viburni</i> Died.:					
<i>Viburnum burkwoodii</i>	Netherlands			1	N. J.

Pests (diseases) collected and reported from July 1, 1952, through June 30, 1953—Con.

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Cordana musae</i> (Zimm.) Hoehn.: <i>Musa paradisiaca</i> (plantain).....	Puerto Rico.....	1			P. R.
<i>Musa paradisiaca sapientum</i> (banana).....	Ecuador.....	2			Calif.*
<i>Coryneum carpophilum</i> (Lev.) Jauch: <i>Prunus armeniaca</i> (apricot).....	Mexico.....	1			Tex.
<i>Coryneum microstictum</i> Berk. & Br.: <i>Paeonia lutea</i> (golden peony).....	England.....			1	N. J.
<i>Cryptodiaporthe salicella</i> (Fr.) Wehm.: <i>Salix</i> sp.....	Denmark.....			1	N. J.
<i>Cryptodidymosphaeria clandestina</i> Syd.: <i>Panicum</i> sp.....	Ecuador.....	1			Calif.*
<i>Cryptospora longispora</i> Servazzi: <i>Araucaria excelsa</i> (Norfolk-Island-pine).....	Australia.....			1	Calif.*
<i>Cryptotala rabenhorstii</i> (Nits.) Sacc.: <i>Wisteria</i> sp.....	Japan.....			1	Calif.*
<i>Cucurbitaria berberidis</i> (Fr.) S. F. Gray: <i>Berberis linearifolia</i> (jasperbell barberry).....	Belgium.....			1	Wash.
<i>Cylindrocarpon candidum</i> (Lk.) var. <i>minus</i> Wr.: <i>Laburnum watereri</i> (waterer laburnum).....	Netherlands.....			1	N. J.
<i>Cymadothea trifolii</i> (Fr.) Wolf: <i>Trifolium</i> sp.....	Turkey.....			1	D. C.
<i>Cytospora palmarum</i> Cke. (?): <i>Cocos nucifera</i> (coconut).....	South Pacific.....	1			Calif.*
<i>Cytospora subcylpeata</i> Sacc. (?): <i>Rhododendron</i> sp.....	England.....			1	Wash.
<i>Dasyscypha virginea</i> (Fr.) Fekl.: <i>Rhododendron</i> sp.....	Netherlands.....			1	Wash.
<i>Dendrophoma obscurans</i> (Ell. & Ev.) H. W. Anderson: <i>Fragaria</i> sp.....	Japan.....			1	N. J.
<i>Didymium minus</i> (List.) Morg: <i>Musa paradisiaca sapientum</i> (banana).....	Mexico.....	1			Tex.
<i>Diplodia ananassae</i> Sacc.: <i>Ananas comosus</i> (pineapple).....	do.....	1			Tex.
<i>Diplodia epicocos</i> Cke.: <i>Cocos nucifera</i> (coconut).....	Brazil.....			1	N. J.
<i>Diplodia paraphysaria</i> Sacc.: <i>Cattleya</i> sp. (orchid).....	Venezuela.....			1	Tex.
Orchid.....	Costa Rica, Mexico.....			2	Ariz., Fla.
<i>Diplodia theobromae</i> (Pat.) Nowell: <i>Castanea</i> sp. (chestnut).....	Japan.....	1			Tex.
<i>Diplodina euryhododendri</i> Voss.: <i>Rhododendron</i> sp.....	England.....			2	Wash.
<i>Diplodina rostrupii</i> Vest.: <i>Andromeda</i> sp.....	Netherlands.....			1	N. J.
<i>Leucothoe</i> sp.....	do.....			1	N. J.
<i>Discella strobilina</i> (Desm.) Died.: <i>Picea abies</i> (Norway spruce).....	Germany.....	1			N. Y.
<i>Discosia artocreas</i> Fr.: <i>Camellia</i> sp.....	Japan.....			2	Calif.*
<i>Ditylenchus dipsaci</i> (Kuhn) Filip.: <i>Narcissus</i> sp.....	Italy.....			1	N. Y.
<i>Ditylenchus</i> sp. (undescribed) <i>Iris filifolia</i> (Gibraltar iris).....	France.....			1	Calif.*
<i>Iris ziphioides</i> (English iris).....	Netherlands.....			1	N. J.
<i>Iris</i> sp.....	France.....			2	N. Y.
<i>Elsinoe australis</i> Bitanc. & Jenkins: <i>Citrus aurantifolia</i> (sour lime).....	Argentina, Brazil.....	1	5		Calif.* La., Pa., Tex.
<i>Citrus aurantium</i> (sour orange).....	Brazil.....		1		Pa.
<i>Citrus limon</i> (lemon).....	Argentina, Brazil, Paraguay.....		31		La., Md., Mass., N. Y., Pa., Tex.
<i>Citrus reticulata</i> (Mandarin orange).....	Brazil.....	1	2		N. Y.
<i>Citrus sinensis</i> (orange).....	Argentina, Brazil, Uruguay.....	2	64		Ala., Calif.* Fla.,* La., Md., Mass., N. Y., Pa., Tex., Va.
<i>Elsinoe phaseoli</i> Jenkins: <i>Phaseolus lunatus macrocarpus</i> (lima bean).....	Puerto Rico.....	1			P. R.

Pests (diseases) collected and reported from July 1, 1952, through June 30, 1953—Con.

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Endoconidiophora fimbriata</i> (Ell. & Halst.) Davidson:					
<i>Ipomoea batatas</i> (sweetpotato).....	Japan.....		1		Calif.*
<i>Entyloma oryzae</i> Syd. & P. Syd.:					
<i>Oryza sativa</i> (rice).....	China, Japan, Mexico..	6	1		Calif.,* Hawaii, Tex.
<i>Epicoccum cocos</i> F. L. Stevens:					
<i>Cocos nucifera</i> (coconut).....	Korror Island, Truk Island, Yap Island.	4			Guam, Hawaii.
<i>Eutypella stellulata</i> (Fr.) Sacc.:					
<i>Morus</i> sp. (mulberry).....	Bahamas.....			1	Tex.
<i>Erobiasidium vaccinii</i> (Fckl.) Wor.:					
<i>Rhododendron</i> sp.....	Germany, Netherlands..		1	1	N. Y., Pa.
<i>Erosporum cactivorum</i> Petr. & Clif.:					
Cactus.....	Mexico.....	1			Tex.
<i>Fusarium diversisporum</i> Sherb.:					
<i>Carica papaya</i> (papaya).....	do.....		1		Tex.
<i>Fusarium graminum</i> Cda.:					
<i>Axonopus compressus</i> (carpet grass).....	Uruguay.....			1	D. C.
<i>Fusarium heterosporum</i> Nees.:					
<i>Paspalum dilatatum</i> (Dallas grass).....	Australia.....			1	N. Y.
<i>Fusarium juruanum</i> P. Henn.:					
<i>Citrus grandis</i> (pummelo).....	Thailand.....			1	Hawaii.
<i>Fusarium lateritium</i> Nees.:					
<i>Citrus grandis</i>	Tahiti.....		1		Hawaii.
<i>Fusarium oxysporum</i> Schlecht. f. <i>cepa</i> (Hanz.) Snyder & Hansen:					
<i>Allium cepa</i> (onion).....	Mexico.....	1			Tex.
<i>Fusarium oxysporum</i> Schlecht. f. <i>gladioli</i> (Massey) Snyder & Hansen:					
<i>Gladiolus</i> sp.....	Japan, Mexico, Netherlands.			3	Calif.*, Tex.
<i>Fusarium solani</i> (Mart.) Appel & Wr. (?):					
<i>Cymbidium</i> var.....	Australia.....			9	Hawaii.
<i>Fusicladium dendriticum</i> (Wallr.) Fckl.:					
<i>Malus sylvestris</i> (apple).....	Australia, Austria, Mexico.	2	1		Minn., P. R., Tex.
<i>Fusicladium eriobotryae</i> (Cav.) Sacc.:					
<i>Eriobotrya japonica</i> (loquat).....	Portugal.....		1		P. R.
<i>Fusicladium pirinum</i> (Lib.) Fckl.:					
<i>Pyrus communis</i> (pear).....	Netherlands, Spain.....		2		P. R., Tex.
<i>Fusicladium pyracanthae</i> (Othth.) Rostr.:					
<i>Pyracantha coccinea</i>	Netherlands.....		1		N. J.
<i>Pyracantha</i> sp.....	do.....		2		N. J.
<i>Gloeosporium catechu</i> Syd.:					
<i>Areca catechu</i> (betel palm).....	Guam.....	1		1	Calif.*
<i>Gloeosporium cinctum</i> Berk. & Curt.:					
<i>Acineta superba</i> (orchid).....	Canal Zone.....			1	Fla.
Orchid.....	Trinidad.....			1	P. R.
<i>Gloeosporium concentricum</i> Berk. & Br.:					
<i>Brassica oleracea botrytis</i> (cauliflower).....	England.....		1		Pa
<i>Gloeosporium foliicola</i> Nish.:					
<i>Citrus reticulata</i> (Mandarin orange).....	Japan.....		1		Hawaii.
<i>Gloeosporium leguminum</i> (Cke.) Sacc.:					
<i>Prosopis strombulifera</i>	Argentina.....		1		D. C.
<i>Gloeosporium philodendri</i> Speg.:					
<i>Philodendron</i> sp.....	Mexico.....			1	Tex.
<i>Gloeosporium piperatum</i> Ell. & Ev.:					
<i>Capsicum frutescens</i> (pepper).....	Brazil.....		1		N. Y.
<i>Gloeosporium rhododendri</i> Br. & Cav.:					
<i>Rhododendron repens</i> var.....	England.....			1	N. Y.
<i>Gloeosporium sansevieriae</i> Verwoerd & Duplessis:					
<i>Sansevieria</i> sp.....	Canal Zone.....			1	Calif.
<i>Glomerella cincta</i> (Ston.) Spauld. & Schrenk:					
Araceae.....	Mexico.....			1	Fla.
<i>Philodendron</i> sp.....	do.....			1	Tex.
<i>Graphis scripta</i> Ach.:					
<i>Chaconomelos</i> sp.....	Japan.....			1	Calif.*
<i>Gymnosporangium haraeae</i> Syd.:					
<i>Juniperus chinensis</i> (Chinese juniper).....	do.....			4	Calif.
<i>Juniperus</i> sp.....	do.....			8	Hawaii.
<i>Gymnosporangium sabiniae</i> (Dicks.) Wint.:					
<i>Juniperus chinensis pfitzeriana</i>	Germany, Netherlands..			4	N. J.

Pests (diseases) collected and reported from July 1, 1952, through June 30, 1953—Con.

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagations	
<i>Gymnosporangium yamadai</i> Ideta: <i>Malus sylvestris</i> (apple).....	Japan.....	1			La.
<i>Helminthosporium avenae</i> Eidam: <i>Avena</i> sp.....	Belgium, England.....	2			Calif.*
<i>Helminthosporium cynodontis</i> Marig.: <i>Cynodon transvaalensis</i>	Australia.....		1		D. C.
<i>Helminthosporium oryzae</i> B. de Haan: <i>Oryza sativa</i> (rice).....	Japan, Mexico, Nicaragua, Philippines, Sierra Leone.	20	23		Calif.*, Pa., Tex.
<i>Helminthosporium ravenelii</i> Curt.: <i>Sporobolus poireti</i> (rattail smut grass).....	Brazil.....		1		D. C.
<i>Helminthosporium turcicum</i> Pass.: <i>Oryza sativa</i> (rice).....	Greece.....	1			P. R.
<i>Hendersonia citri</i> McAlp.: <i>Citrus sinensis</i> (orange).....	Mexico.....	1			Tex.
<i>Hendersonia epidendri</i> Keissl.: <i>Stanhopea</i> sp. (orchid).....	do.....		1		Tex.
<i>Hendersonia musae</i> Cke.: <i>Musa paradisiaca sapientum</i> (banana).....	Guatemala.....	1			Tex.
<i>Hendersonia paeoniae</i> Allesch.: <i>Paeonia suffruticosa</i> (tree peony).....	Japan.....		1		Calif.*
<i>Heterodera avenae</i> Eidam: Sand ballast.....	England.....	1			Pa.
Soil.....	Netherlands.....	1			N. Y.
Soil with asparagus roots.....	France.....		1		N. J.
Soil with bagging.....	England, France, Netherlands, Scotland.	16			N. Y., Pa., Va.
Soil with cactus and grape cuttings.....	Italy.....		1		N. Y.
Soil with <i>Chrysanthemum</i> sp. and <i>Convallaria</i> sp.....	Germany.....		1		N. J.
Soil with dahlia roots.....	Belgium.....		1		N. J.
Soil with fig cuttings.....	Italy.....		1		N. Y.
Soil with garlic.....	Spain.....	1			N. Y.
Soil with geranium plants.....	France, Sweden.....		2		N. Y.
Soil with herbs.....	Germany.....		1		N. Y.
Soil with <i>Malus</i> sp. roots.....	Italy.....		1		N. J.
Soil with mint plants.....	Germany.....		1		N. Y.
Soil with narcissus and galanthus bulbs.....	do.....		1		N. Y.
Soil with <i>Oleander</i> sp. plants.....	Yugoslavia.....		1		N. Y.
Soil with parsnips.....	Union of South Africa.....		1		Mass.
Soil with assorted plants.....	Germany, Ireland.....		2		N. Y.
Soil with plum trees.....	Germany.....		1		N. Y.
Soil with potatoes.....	Gibraltar (?), Mexico, Spain.....	3	3		N. Y., P. R., Tex.
Soil with sand ballast.....	Wales (?).....	1			N. Y.
Soil with sedum plants.....	Netherlands.....		1		N. Y.
Soil with shrubs.....	Germany.....		1		N. J.
<i>Heterodera cacti</i> Filip. & Schuurmans Stekhoven: Soil with aloe plants.....	Majorca Island.....		1		Mass.
Soil with aloe and sedum plants.....	France.....		1		N. Y.
Soil with aloe, cactus, and sedum plants.....	Malta.....		1		N. Y.
Soil with cactus plants.....	Czechoslovakia, England, France, Germany, Italy, Mexico, Switzerland.	1	9		Mass., N. J., N. Y., Tex.
Soil with <i>Delphinium</i> sp. roots.....	Canada.....		1		N. J.
Soil with lily bulbs.....	Japan.....		1		N. Y.
Soil with <i>Mammillaria</i> sp. roots.....	Mexico.....		1		Tex.
Soil with potatoes.....	do.....		1		Tex.
<i>Heterodera leptonepia</i> Taylor & G. S. Cobb: Soil with potatoes.....	Peru.....		1		Calif.*
<i>Heterodera punctata</i> Thorne: Soil.....	Netherlands, Norway.....	1	1		Md., N. Y.
Soil with bagging.....	England, France, Netherlands, Scotland.	11			N. Y., Va.
Soil with beech tree.....	Ireland.....		1		N. Y.
Soil with carnation plants.....	Austria.....		1		N. Y.
Soil with delphinium plants.....	England.....		1		N. Y.
Soil with <i>Fragaria</i> sp. roots.....	Sweden.....		1		N. J.
Soil with geranium plant.....	England.....		1		N. Y.
Soil with heather plants.....	Scotland.....		2		N. Y.
Soil with lily, peony, and unidentified bulbs and roots.....	France.....		1		N. J.

Pests (diseases) collected and reported from July 1, 1952, through June 30, 1953—Con.

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Fleterodera punctata</i> Thorne—Continued					
Soil with narcissus bulbs	Netherlands	1			N. Y.
Soil with orchid plants	England, Netherlands			2	N. J.
Soil with unidentified plants	Germany, Italy, Mexico			5	Ariz., Mass., N. Y.
Soil with potatoes	Netherlands		1		La.
Soil with rose plants	England			1	N. J.
Soil with rosemary plants	Austria	1			N. Y.
Soil with snowdrop plants	England			1	N. Y.
Soil with sod	Ireland			1	N. Y.
Soil with thyme plants	Germany			1	N. Y.
Soil with valerian roots	Belgium	1			N. Y.
Soil with wandering jew plants	Germany			1	N. Y.
<i>Heterodera rostochiensis</i> Wr.:					
Soil	Scotland	1			N. Y.
Soil with African violet plants	Germany			1	N. Y.
Soil with amaryllis bulbs	Denmark			1	N. Y.
Soil with azalea plants	Scotland			1	N. Y.
Soil with bagging	Denmark, England, Germany, Netherlands, Scotland	49			Calif., Md., N. Y., Pa., Va., Wash.
Soil with coleus plants	England			1	N. Y.
Soil with dahlia tubers	do.			1	N. J.
Soil with fuschia plants	do.			1	N. Y.
Soil with <i>Galanthus</i> sp. bulbs	Luxembourg			1	N. J.
Soil with geranium plants	England			1	N. Y.
Soil with heather plants	Scotland			3	Mass., N. J., N. Y.
Soil with lavender plants	England			1	N. Y.
Soil with lily plants	do.			1	N. J.
Soil with mint plants	do.			2	N. Y.
Soil with peat moss	Germany	1			Va.
Soil with unidentified plants	England, Ireland, Wales			4	N. Y.
Soil with potatoes	England, France, Germany, Mexico, Peru	2	5		Calif., La., Mass., N. Y., Pa., Tex.
Soil with primrose plants and begonia bulbs	Germany			1	N. Y.
Soil in railway car	Mexico		1		Tex.
Soil with rose plants	Scotland			1	N. Y.
Soil with rosemary plants	Austria	1			N. Y.
Soil with rubber plants	Germany			1	N. Y.
Soil with <i>Scilla</i> sp. bulbs	England			1	N. Y.
Soil with snowdrop plants	do.			1	N. Y.
Soil with sod	Ireland			1	N. Y.
Soil with thyme plants	Germany			1	N. Y.
<i>Heterosporium avenae</i> Oud.:					
<i>Avena sativa</i> (oat)	Australia	1			Oreg.
<i>Heterosporium avenae</i> Oud. (?):					
<i>Hordeum vulgare</i> (barley)	Mexico	1			Tex.
<i>Heterosporium echinulatum</i> (Berk.) Cke.:					
<i>Dianthus</i> sp. (carnation)	Guatemala, Mexico	2			Calif., Tex.
<i>Heterosporium ornithogali</i> (Klotzsch) Cke.:					
<i>Ornithogalum thyrsoides</i> (chinkerichee)	Union of South Africa	3			N. Y., Pa.
<i>Hyponectria aureo-nitens</i> (Tul.) Petch:					
Bamboo	Mexico	1			Tex.
<i>Hypozyton marginatum</i> (Schw.) Berk.:					
<i>Quercus</i> sp.	Japan	1			Hawaii.
<i>Leptosphaeria heterospora</i> (de N.) Sacc.:					
<i>Iris atropurpurea</i> (blackpurple iris)	Netherlands			1	Calif.*
<i>Iris germanica</i> (German iris)	Australia, Canada, England, New Zealand			10	Calif.*
<i>Iris hoogiana</i>	Netherlands			2	Calif.*
<i>Iris korolkowi</i> (redvein iris)	England, Netherlands			4	Calif.*
<i>Iris pumila</i>	Turkey			1	N. J.
<i>Iris stolonifera</i> (runner iris)	Netherlands			2	Calif.*
<i>Iris stolonifera leichtlini</i>	do.			1	Calif.*
<i>Iris susiana</i> (mourning iris)	England, Netherlands			4	Calif.*
<i>Iris</i> sp.	Canada, England, Italy, Netherlands, Turkey			21	Calif., N. J.
<i>Leptosphaeria opuntiae</i> Dodge:					
<i>Stenocactus</i> sp.	Mexico			1	Tex.
<i>Leptosphaeria oryzina</i> Sacc.:					
<i>Oryza sativa</i> (rice)	Nicaragua	1			Calif.*

Pests (diseases) collected and reported from July 1, 1952, through June 30, 1953—Con.

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Leptosphaeria rusci</i> Sacc.:					
<i>Ruscus</i> sp.	Italy.....	1			Pa.
<i>Leptosphaeria sacchari</i> B. de Haan:					
<i>Saccharum officinarum</i> (sugarcane).....	Mexico.....	1			Tex.
<i>Lophodermium minutum</i> Hiltzer:					
<i>Stipa tenacissima</i> (esparto-grass).....	Italy.....	1			N. Y.
<i>Lophodermium rhododendri</i> (Schw.) Ell. & Ev.:					
<i>Rhododendron</i> sp.	Canada, England.....			3	Wash.
<i>Macrophoma candollei</i> (Berk. & Br.) Berl. & Vogl.:					
<i>Buxus sempervirens</i> (box).....	Netherlands.....			1	Wash.
<i>Buxus</i> sp.	do.....			1	Wash.
<i>Macrophoma musae</i> (Cke) Berl. & Vogl.:					
<i>Musa paradisica sapientum</i> (banana).....	Ecuador, Mexico, Panama.....	5			Calif.*
<i>Macrophomina phaseolina</i> (Tassi) Goid.:					
<i>Gladiolus gandavensis</i>	Japan.....			1	Calif.*
<i>Gladiolus</i> sp.	do.....			1	Calif.*
<i>Iris</i> sp.	Turkey.....			1	Calif.*
<i>Ixia</i> spp.	Union of South Africa.....			1	N. J.
<i>Solanum tuberosum</i> (potato).....	Chile.....			1	Calif.*
<i>Melanomma pulvis-pyritus</i> (Fr.) Fekl.:					
<i>Rhododendron</i> sp.	England.....			1	Wash.
<i>Melanospora globosa</i> Berl.:					
<i>Bambusa</i> sp. (bamboo).....	China.....	1			Calif.*
<i>Melanospora zamiae</i> Cda.:					
<i>Dahlia</i> sp.	Australia.....			1	Calif.*
<i>Zingiber officinale</i> (ginger).....	Japan.....	4			Calif.*, N. Y.
<i>Meliola citricola</i> Syd.:					
<i>Citrus aurantifolia</i> (sour lime).....	Mexico.....			1	Calif.*
<i>Citrus grandis</i> (pummelo).....	Japan.....			1	Calif.*
<i>Citrus sinensis</i> (orange).....	China, Japan, Thailand.....	2		1	Calif.*
<i>Citrus</i> sp.	China.....	1			Tex.
<i>Meloidogyne hapla</i> Chitwood:					
<i>Solanum tuberosum</i> (potato).....	Japan.....			1	Pa.
<i>Meloidogyne javanica</i> (Treub.) Chitwood:					
<i>Asparagus myriocladus</i>	do.....			1	Hawaii.
<i>Ligularia wilsoniana</i>	Switzerland.....			1	N. J.
<i>Memnoniella echinata</i> (Riv.) L. O. Gall.:					
<i>Cymbidium giganteum</i>	India.....			1	Calif.*
<i>Solanum tuberosum</i> (potato).....	England, Japan.....			2	Calif.*
<i>Zingiber officinale</i> (ginger).....	Japan.....	7			Calif.*
<i>Monilinia fructigena</i> (Aderh. & Ruhl.) Honey:					
<i>Malus sylvestris</i> (apple).....	Belgium, Denmark, England, France, Spain.....			6	Pa.
<i>Prunus domestica</i> (plum).....	Denmark, England.....			2	Pa.
<i>Prunus</i> sp. (cherry).....	Italy, Turkey.....			2	N. Y., Pa.
<i>Monilinia laxa</i> (Aderh. & Ruhl.) Honey:					
<i>Prunus armeniaca</i> (apricot).....	Portugal.....			1	Pa.
<i>Monochaetia paeoniae</i> (Maub.) Sacc. & D. Sacc.:					
<i>Paeonia suffruticosa</i> (tree peony).....	France.....			1	Wash.
<i>Mycosphaerella advena</i> Syd.:					
<i>Chamaedorea</i> sp.	Mexico.....	1			Tex.
<i>Mycosphaerella brassicicola</i> (Duby) Lindau:					
<i>Brassica oleracea</i> (cabbage).....	Norway.....			1	Calif.*
<i>Brassica oleracea botrytis</i> (cauliflower).....	Ecuador.....			1	Tex.
<i>Mycosphaerella clintoniana</i> House:					
<i>Rhododendron</i> sp.	England.....			1	N. J.
<i>Mycosphaerella coffeicola</i> (Cke.) Stevenson & Wellman:					
<i>Coffea</i> sp.	Mexico.....	1			Tex.
<i>Mycosphaerella cypripedii</i> (Pk.) Lindau:					
<i>Coelogyne</i> sp. (orchid).....	Thailand.....			1	N. J.
<i>Mycosphaerella fragariae</i> (Tul.) Lindau:					
<i>Fragaria</i> sp. (strawberry).....	Germany, Netherlands.....	1		1	D. C., Mass.
<i>Mycosphaerella hondai</i> Miyake:					
<i>Oryza sativa</i> (rice).....	Japan.....	1			Calif.*
<i>Mycosphaerella palmarum</i> Miles:					
<i>Cocos nucifera</i> (coconut).....	Yap Island.....	1			Hawaii.
<i>Mycosphaerella pomi</i> (Pass.) Lindau:					
<i>Malus sylvestris</i> (apple).....	Denmark, Italy, New Zealand, Norway, Sweden.....			5	Pa.

Pests (diseases) collected and reported from July 1, 1952, through June 30, 1953—Con.

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Mycosphaerella schoenoprasii</i> (Rab.) Schroet.:					
<i>Allium fistulosum</i> (Welsh onion)	Japan		23		Pa.
<i>Mycosphaerella tassiana</i> (de N.) Johans.:					
<i>Allium porrum</i> (leek)	do		1		Oreg.
<i>Myrothecium roridum</i> Fr.:					
<i>Lycopersicon esculentum</i> (tomato)	Jamaica	1			N. Y.
<i>Nectria galligena</i> Bres.:					
<i>Aralia</i> sp.	Netherlands		1		Wash.
<i>Neofabrea malicorticis</i> (Cordley) Jacks.:					
<i>Malus sylvestris</i> (apple)	Mexico	1			Tex.
<i>Neovossia horrida</i> (Tak.) Padw. & A. Kahn:					
<i>Oryza sativa</i> (rice)	Japan	1			Calif.*
<i>Nigrospora oryzae</i> (Berk. & Br.) Petch:					
<i>Dianthus</i> sp. (carnation)	Honduras	1			Calif.*
<i>Nigrospora sacchari</i> (Speg.) Mason:					
<i>Saccharum officinarum</i> (sugarcane)	Mexico	1			Tex.
<i>Nigrospora sphaerica</i> (Sacc.) Mason:					
<i>Avena</i> sp.	Japan	1			Calif.*
Grass	Ecuador	1			Calif.*
<i>Oryza sativa</i> (rice)	Japan	9	5		Calif.*
<i>Zea mays</i> (corn)	Turkey			1	D. C.
<i>Ochropsora kraunhiiae</i> Diet.:					
<i>Wisteria</i> sp.	Japan			1	Wash.
<i>Omphalia flavida</i> Maubl. & Rangel:					
<i>Gardenia augusta</i> (gardenia)	Mexico	3			Calif.,* Tex
Leaf	Guatemala	1			Tex.
<i>Oospora pustulans</i> Owen & Wakef.:					
<i>Solanum tuberosum</i> (potato)	Norway		1		Calif.*
<i>Ophiobolus versisporus</i> Ell. & G. Martin:					
<i>Cocos nucifera</i> (coconut)	Hawaii	1			Calif.*
<i>Ophiodothella fici</i> Bessey:					
<i>Ficus cotinifolia</i>	Mexico	1			Ariz.
<i>Ophiostoma narcissi</i> Limber:					
<i>Narcissus</i> sp.	Italy			1	N. Y.
<i>Papulaspora parasitica</i> (Eidam) Harz:					
<i>Beta vulgaris</i> (beet)	China		1		Calif.*
<i>Lilium auratum</i> (goldband lily)	Japan	1		2	Calif.*
<i>Peronospora parasitica</i> Fr.:					
<i>Brassica oleracea capitata</i> (cabbage)	Belgium		1		P. R.
<i>Pestalotia bicolor</i> Ell. & Ev.:					
<i>Salix</i> sp.	Japan			1	Calif.*
<i>Pestalotia conspicua</i> Servazzi:					
<i>Dendrobium</i> sp. (orchid)	Australia			1	Hawaii.
<i>Pestalotia funerea</i> Desm.:					
<i>Chamaecyparis obtusa</i>	Japan			1	Hawaii.
<i>Cryptomeria japonica</i>	do			1	Hawaii.
<i>Cupressus</i> sp. (cypress)	do			1	Hawaii.
<i>Juniperus chinensis</i> (Chinese juniper)	do			1	Hawaii.
<i>Juniperus</i> sp.	Canada			1	N. Y.
<i>Pinus</i> sp. (pine)	Mexico	1			Tex.
<i>Pestalotia ixorae</i> Rangel:					
<i>Ixora coccinea</i> (scarlet ixora)	Australia			1	Hawaii.
<i>Pestalotia lespedezae</i> Syd.:					
<i>Lespedeza striata</i> (lespedeza)	China			1	Calif.*
<i>Pestalotia macrochaeta</i> (Speg.) Guba:					
<i>Pinus</i> sp. (pine)	Azores			1	Mass.
<i>Pestalotia palmarum</i> Oke.:					
<i>Cocos nucifera</i> (coconut)	Hawaii	1			Calif.*
<i>Collinia elegans</i> (palm)	Mexico	1			Tex.
Palm	do	4			Tex.
<i>Pestalotia peregrina</i> Ell. & G. Martin:					
<i>Pinus parviflora</i> (Japanese white pine)	Japan			5	Calif.*
<i>Pestalotia rhododendri</i> (D. Sacc.) Guba:					
<i>Rhododendron hirsutum</i>	Netherlands			1	Wash.
<i>Rhododendron ponticum</i> (pontic rhododendron)	do			1	Wash.
<i>Rhododendron</i> sp.	Belgium, England, Netherlands			4	N. J., Wash.
<i>Peizizella lythri</i> (Desm.) Shear & Dodge:					
<i>Fragaria</i> sp.	Japan			1	N. J.
<i>Phaeosphaeria oryzae</i> Miyake:					
<i>Oryza sativa</i> (rice)	do	1	1		Calif.*
<i>Phaeoseptoria oryzae</i> Miyake:					
<i>Oryza sativa</i> (rice)	Nicaragua	1			Calif.*

Pests (diseases) collected and reported from July 1, 1952, through June 30, 1953—Con.

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Phakopsora desmii</i> (Berk. & Br.) Cumm.:					
<i>Gossypium</i> sp. (cotton).....	Dominican Republic....	1			Calif.
<i>Phlyctaena ranunculacearum</i> Hoehn.:					
<i>Paeonia suffruticosa</i> (tree peony).....	Japan.....		151		Calif.*
<i>Phoma ardisiae</i> Tassi:					
<i>Ardisia crenulata</i> (coral ardisia).....	do.....			1	Wash.
<i>Phoma citricarpa</i> McAlp.:					
<i>Citrus limon</i> (lemon).....	Australia, Union of South Africa.	12			Calif.,* Hawaii, La., Mass., Pa.
<i>Citrus paradisi</i> (grapefruit).....	Japan, Mozambique, Union of South Africa.	4			Calif.,* Tex.
<i>Citrus reticulata</i> (Mandarin orange).....	China, Japan, Formosa.	35	5		Calif.,* Hawaii, Mass., N. Y., Tex., Wash.
<i>Citrus sinensis</i> (orange).....	Australia, China, Formosa, Japan, Spain, Union of South Africa.	22	17		Calif.,* Hawaii, Oreg., Pa., Tex.
<i>Citrus</i> sp. (orange).....	China.....	1			Mass.
<i>Citrus</i> sp.....	China, Philippines.....	4			D. C., Hawaii, Tex.
<i>Phoma destructiva</i> Plowr.:					
<i>Capsicum frutescens</i> (pepper).....	Colombia.....		1		Tex.
<i>Phoma eriophorum</i> Berk. & Br. (?):					
<i>Castanea</i> sp. (chestnut).....	Yugoslavia.....	1			Pa.
<i>Phoma limoni</i> Thuem. (?):					
<i>Citrus limon</i> (lemon).....	Italy, Union of South Africa.	2			N. Y., Tex.
<i>Phoma psidii</i> P. Henn.:					
<i>Psidium guajava</i> (guava).....	Mexico.....	3			Tex.
<i>Phoma rigida</i> Penz. (?):					
<i>Citrus limon</i> (lemon).....	Union of South Africa.....	1			N. Y.
<i>Phomopsis ambigua</i> (Sacc.) Trav.:					
<i>Malus sylvestris</i> (apple).....	Netherlands.....	1			Pa.
<i>Phomopsis capsici</i> (Magnaghi) Sacc.:					
<i>Capsicum frutescens grossum</i> (bell pepper).....	Mexico.....	1			Ariz.
<i>Phomopsis cocoes</i> Petch:					
<i>Cocos nucifera</i> (coconut).....	Hawaii, Panama, Philippines.	3	1		Calif.*
<i>Phomopsis occulta</i> (Sacc.) Trav.:					
<i>Picea glauca</i> (white spruce).....	Germany.....		1		N. J.
<i>Phomopsis palmicola</i> (Wint.) Sacc.:					
<i>Areca cathecu</i> (betel palm).....	Guam.....	1			Calif.*
<i>Phragmidium subcorticinum</i> (Schränk) Wint.:					
<i>Rosa</i> sp.....	France.....	1			N. Y.
<i>Phyllosticta cacti</i> (Berk.) Archer:					
<i>Cereus</i> sp. (cactus).....	Mexico.....		1		Tex.
<i>Phyllosticta cordylinophila</i> P. A. Young:					
<i>Cordylina banksi</i> (Banks dracena).....	Hawaii.....		1		Hawaii.
<i>Phyllosticta disciformis</i> Penzig:					
<i>Citrus sinensis</i> (orange).....	Italy.....		1		Pa.
<i>Phyllosticta laeliae</i> Keissl.:					
<i>Cattleya</i> sp. (orchid).....	Mexico.....		1		Tex.
<i>Dendrobium</i> sp. (orchid).....	Thailand.....		1		Calif.*
<i>Phyllosticta limbatis</i> Pers.:					
<i>Buzus microphylla koreana</i>	Netherlands.....		1		N. J.
<i>Phyllosticta maculicola</i> Halst.:					
<i>Dracaena</i> sp.....	Dominican Republic.....		1		P. R.
<i>Phyllosticta rhododendri</i> West.:					
<i>Rhododendron ponticum</i> (pontic rhododendron).....	Netherlands.....		1		Wash.
<i>Rhododendron</i> sp.....	do.....		1		N. J.
<i>Phyllosticta ruscicola</i> Dur. & Mont.:					
<i>Ruscus</i> sp.....	Italy.....	3			Pa.
<i>Physalospora campiospora</i> Sacc.:					
<i>Dendrobium undulatum</i> (orchid).....	Australia.....		3		Hawaii
<i>Physalospora obtusa</i> (Schw.) Cke.:					
<i>Malus sylvestris</i> (apple).....	Italy, Sweden.....		2		Pa.
<i>Physalospora rhodina</i> (Berk. & Curt.) Cke.:					
<i>Cocos nucifera</i> (coconut).....	Hawaii.....		1		Calif.*

Pests (disease) collected and reported from July 1, 1952, through June 30, 1953—Con.

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Physalosporina sutherlandiae</i> (Kalchb. & Cke.) Petr.:	Union of South Africa	---	---	1	D. C.
<i>Sutherlandia frutescens</i>					
<i>Pleospora herbarum</i> (Fr.) Rab.:	Algeria, Spain	---	2	---	Pa., Tex.
<i>Citrus limon</i> (lemon)	Spain	1	---	---	P. R.
<i>Triticum aestivum</i> (wheat)					
<i>Pseudomonas maculicola</i> (McCull.) F. L. Stevens (?):	do	---	1	---	P. R.
<i>Brassica oleracea capitata</i> (cabbage)					
<i>Pseudomonas marginalis</i> (N. A. Brown) F. L. Stevens:					
<i>Cichorium endivia</i> (endive)	Belgium	3	---	---	N. Y.
<i>Pseudomonas marginata</i> (McCull.) Stapp:	Japan, Mexico, Netherlands.	2	---	2	Calif., Tex., Wash.
<i>Gladiolus</i> sp.					
<i>Pseudomonas syringae</i> v. Hall (?):					
<i>Citrus sinensis</i> (orange)	Israel	---	1	---	Va.
<i>Puccinia aeluropi</i> Ricker:					
<i>Aeluropus</i> sp.	Turkey	---	---	1	D. C.
<i>Puccinia anomala</i> Rostk.					
<i>Hordeum vulgare</i> (barley)	England, Mexico	2	---	---	Pa., Tex.
<i>Puccinia baccharidis</i> Diet. & Holw.:					
<i>Baccharis</i> sp.	Mexico	1	---	---	Ariz.
<i>Puccinia buxi</i> DC.:					
<i>Buxus sempervirens</i> (box)	England, France	2	1	---	N. Y.
<i>Puccinia chrysanthemi</i> Roze:					
<i>Chrysanthemum morifolium</i> (mulberry chrysanthemum).	Japan	---	1	---	Hawaii.
<i>Chrysanthemum</i> sp.	Japan, Mexico, New Zealand.	1	4	---	Hawaii, Tex. Wash.
<i>Puccinia coronata</i> Cda.:					
<i>Avena sativa</i> (oat)	France, Netherlands	2	---	---	Wash.
<i>Holcus lanatus</i> (velvet grass)	Germany	1	---	---	Oreg.
<i>Stipa patagonica</i>	Argentina	---	1	---	D. C.
<i>Puccinia glumarum</i> (Schm.) Eriks. & E. Henn.:					
<i>Hordeum bulbosum</i> (bulbous barley)	Morocco	---	---	1	D. C.
<i>Triticum aestivum</i> (wheat)	England	1	---	---	Pa.
<i>Puccinia graminis</i> Pers. var. <i>avenae</i> Eriks. & E. Henn.:					
<i>Avena sativa</i> (oat)	Mexico	---	1	---	Tex.
<i>Puccinia graminis</i> Pers. var. <i>tritici</i> Eriks. & E. Henn.:					
<i>Triticum aestivum</i> (wheat)	Spain, Sweden	---	1	1	P. R., Tex.
<i>Puccinia hordei</i> Fekl.:					
<i>Hordeum vulgare</i> (barley)	Belgium	---	1	---	Pa.
<i>Puccinia horiana</i> P. Henn.:					
<i>Chrysanthemum morifolium</i> (mulberry chrysanthemum).	Japan	1	---	---	Wash.
<i>Chrysanthemum</i> sp.	do	1	1	---	Hawaii.
<i>Puccinia hydrocotyles</i> (Lk.): Cke.					
<i>Hydrocotyle</i> sp.	Uruguay	---	---	1	D. C.
<i>Puccinia kalchbrenneriana</i> de T.:					
<i>Ornithogalum thyrsoides</i> (chinkerichee)	Union of South Africa	1	---	---	Ill.
<i>Puccinia kusanoi</i> Diet.:					
<i>Bambusa</i> sp.	Philippines	1	---	---	Hawaii.
<i>Puccinia longicornis</i> Pat. & Har.:					
<i>Bambusa</i> sp.	China	1	---	---	Calif.*
<i>Puccinia ornithogali-thyrsoides</i> Diet.:					
<i>Ornithogalum thyrsoides</i> (chinkerichee)	Union of South Africa	6	---	---	D. C., Ill., Mass., N. J., N. Y.
<i>Puccinia penniseti</i> Zimm. (?):					
<i>Pennisetum macrourum</i>	do	---	---	1	D. C.
<i>Puccinia rubigo-vera</i> (DC.) Wint. var. <i>tritici</i> (Eriks. & E. Henn.) Carl.:					
<i>Triticum aestivum</i> (wheat)	Japan	---	1	---	Wash.
<i>Triticum</i> sp.	Europe, France	2	---	---	Calif.*, Hawaii.
<i>Puccinia stakmanii</i> Presley:					
<i>Gossypium</i> sp. (cotton)	Mexico	1	---	---	Tex.
<i>Puccinia tetragonia</i> McAlp. var. <i>austroafricana</i> Doidge:					
<i>Tetragonia arbuscula</i>	Union of South Africa	---	---	1	D. C.

Pests (disease) collected and reported from July 1, 1952, through June 30, 1953—Con.

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Puccinia vagans</i> (DC.) Arth.:					
<i>Epilobium</i> sp.	Turkey			1	D. C.
* <i>Pseudopeziza medicaginis</i> (Lib.) Sacc:					
<i>Medicago lupulina</i> (black medic)	Turkey			1	D. C.
<i>Medicago sativa</i> (alfalfa)	Mexico	1			Tex.
<i>Pseudopeziza trifolia</i> Biv.—Bern.) Fekl.:					
<i>Trifolium pratense</i> (red clover)	Turkey			1	D. C.
<i>Trifolium repens</i> var. Shamrock	Ireland	2			Oreg., Pa.
<i>Puccinia versicolor</i> Diet. & Holw. (?):					
Grass packing	Mexico	1			Wash.
<i>Quaternaria persoonii</i> Tul.:					
<i>Fagus</i> sp. (beech)	Canada	1			N. Y.
<i>Ramularia cynaræ</i> Sacc.:					
<i>Cynara scolymus</i> (globe artichoke)	Greece		1		N. Y.
<i>Robillarda sessilis</i> Sacc.:					
<i>Lespedeza striata</i> (lespedeza)	China			1	Calif.*
<i>Sclerotinia kernerii</i> Wettst.:					
<i>Abies balsamea</i> (balsam fir)	Canada	1			N. Y.
<i>Sclerotopsis concava</i> (Desm.) Shear & B. O. Dodge:					
<i>Vitis</i> sp. (grape)	Greece			1	N. Y.
<i>Sclerotopsis testudinea</i> Dearn.:					
<i>Paeonia suffruticosa</i> (tree peony)	Japan			5	Calif.*
<i>Selenophoma donacis</i> (Pass.) Sprague & A. G. Johnson:					
<i>Stipa</i> sp.	Argentina			1	D. C.
<i>Selenophoma donacis</i> (Pass.) Sprague & A. G. Johnson var. <i>stomaticola</i> (Bauehl.) Sprague & A. G. Johnson:					
<i>Dactylis glomerata</i> (orchard grass)	Turkey			1	D. C.
<i>Festuca rubra</i> (red fescue)	Iceland			1	D. C.
<i>Septonema orchidophilum</i> Speg. (?):					
<i>Ansellia africana</i> (orchid)	British East Africa			1	Calif.*
<i>Septoria azaleæ</i> Vogl.:					
<i>Rhododendron indicum</i> (indica azalea)	Belgium			3	N. J., Wash.
<i>Rhododendron japonicum</i> (Japanese azalea)	Netherlands			1	N. J.
<i>Rhododendron malaticum</i>	do.			1	N. J.
<i>Rhododendron vuykiana</i>	do.			1	N. J.
<i>Rhododendron</i> sp.	Belgium, Japan, Netherlands.			4	N. J., Wash.
<i>Septoria carrubi</i> Pass. (?):					
<i>Laurus nobilis</i> (Greek laurel)	Mexico	1			Tex.
<i>Septoria chrysanthemi</i> Allesch.:					
<i>Chrysanthemum</i> sp.	Canada, England, Japan, Mexico.	1	1	2	Alaska, N. J., N. Y., Tex.
<i>Septoria citri</i> Pass.:					
<i>Citrus limon</i> (lemon)	Italy, Spain			8	Calif.* Pa.
<i>Citrus paradisi</i> (grapefruit)	Union of South Africa			1	Calif.*
<i>Citrus sinensis</i> (orange)	Italy, Spain			2	Calif.* Pa.
<i>Septoria convolvuli</i> Desm. (?):					
<i>Ipomoea</i> sp. (morning-glory)	Bermuda	1			N. Y.
<i>Septoria depressa</i> McAlp.:					
<i>Citrus sinensis</i> (orange)	Australia			1	Tex.
<i>Septoria dianthi</i> Desm.:					
<i>Dianthus</i> sp. (carnation)	Hawaii	1			Wash.
<i>Septoria guembei</i> Speg. (?):					
<i>Philodendron</i> sp.	Mexico			2	Tex.
<i>Septoria oleæ</i> Poll.:					
<i>Olea europæa</i> (olive)	Italy	1			N. Y.
<i>Septoria tritici</i> Desm.:					
<i>Triticum aestivum</i> (wheat)	England, Israel	2			Pa.
<i>Sphaceloma fawcetti</i> Jenkins:					
<i>Citrus aurantifolia</i> (sweet lime)	Mexico	2			Tex.
<i>Citrus limon</i> (lemon)	Australia, Brazil, New Zealand.			7	Hawaii, Pa.
<i>Citrus reticulata</i> (Mandarin orange)	Japan	1			Hawaii
<i>Citrus</i> sp. (orange)	New Zealand			1	Hawaii
<i>Sphaceloma fawcetti</i> Jenkins (?):					
<i>Citrus aurantium</i> (bitter orange)	Japan	1			Hawaii
<i>Sphaceloma fawcetti</i> Jenkins var. <i>scabiosa</i> (McAlp. & Tyron) Jenkins:					
<i>Citrus limon</i> (lemon)	Australia, New Zealand			5	La., Mass., Pa., Tex.

Pests (diseases) collected and reported from July 1, 1952, through June 30, 1953—Con.

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Sphaceloma mangiferae</i> Bitanc. & Jenkins:					
<i>Mangifera indica</i> (mango).....	Mexico, Puerto Rico.....	3			P. R., Tex.
<i>Sphaceloma punicea</i> Bitanc. & Jenkins:					
<i>Punica granatum</i> (pomegranate).....	Mexico.....	3			Ariz., Tex.
<i>Sphacelotheca ischaemi</i> (Fekl.) Clint.:					
<i>Andropogon gayanus</i>	Tanganyika.....			1	D. C.
<i>Heteropogon contortus</i> (tanglehead).....	do.....			1	D. C.
<i>Sphacelotheca panici-milliae</i> (Pers.) Bub.:	Australia.....			1	Wash.
<i>Danthonia</i> sp.....					
<i>Sphacelotheca sorghicola</i> (Speg.) Zundel:					
<i>Sorghum vulgare technicum</i> (broomcorn).....	Argentina.....	1			Pa.
<i>Sphaerella hyphiseda</i> Fautr. & Lambotte:					
<i>Ornithogalum thyrsoides</i> (chinkerichee).....	Union of South Africa.....	1			N. J.
<i>Sporonema ozyococci</i> Shear (?):					
<i>Pieris japonica</i> (Japanese andromeda).....	Netherlands.....			1	N. J.
<i>Stachybotrys atra</i> Cda.:					
<i>Laelia glauca</i> (orchid).....	Guatemala.....			1	Calif.*
<i>Stachybotrys subsimplex</i> Cke.:					
<i>Musa paradisiaca sapientum</i> (banana).....	do.....	2			Tex.
<i>Stachylidium theobromae</i> Turc.:					
<i>Musa paradisiaca</i> (plantain).....	Mexico.....		3		Calif.*
<i>Musa paradisiaca sapientum</i> (banana).....	Canal Zone, Costa Rica, Ecuador, Mexico.	13			Calif.*, N. Y.
<i>Stagonospora macrospora</i> (Dur. & Mont.) Sacc.:					
<i>Agave</i> sp.....	Mexico.....			1	Tex.
<i>Stemphylium botryosum</i> Wallr.:					
<i>Dianthus</i> sp. (carnation).....	Honduras.....	1			Calif.*
<i>Lycopersicon esculentum</i> (tomato).....	Australia.....		1		Hawaii.
<i>Stromatinia gladioli</i> (Drayt.) Whet. (?):					
<i>Gladiolus</i> sp.....	Netherlands.....	1		1	P. R.
<i>Taphrina deformans</i> (Berk.) Tul.:					
<i>Prunus amygdalus</i> (almond).....	Lebanon.....	1			Mass.
<i>Thecopsora areolata</i> (Fr.) Magn.:					
<i>Picea abies</i> (Norway spruce).....	Norway.....	1			N. Y.
<i>Thielaviopsis basicola</i> (Berk & Br.) Ferr.:					
<i>Astilbe</i> sp.....	Netherlands.....			1	N. J.
<i>Paconia suffruticosa</i> (tree peony).....	Japan.....			1	Calif.*
<i>Tilletia elymi</i> Diet. & Holw. (?):					
<i>Elymus</i> sp.....	Turkey.....			1	D. C.
<i>Tilletia panicis</i> Bub. & Ranoj. (?):					
<i>Hordeum</i> sp.....	do.....			1	D. C.
<i>Tranzschelia pruni-spinosae</i> (Pers.) Diet.:					
<i>Prunus domestica</i> (plum).....	Chile.....	1			N. Y.
<i>Triposporium stelligerum</i> Speg.:					
<i>Gardenia augusta</i> (gardenia).....	Mexico.....	1			Tex.
<i>Triutrachium dependens</i> Limber:					
<i>Lilium longiflorum</i> (Easter lily).....	Japan.....			1	Calif.*
<i>Lilium</i> sp.....	do.....		1		Calif.*
<i>Mangifera indica</i> (mango).....	Union of South Africa.....	1			Calif.*
<i>Pueraria lobata</i> (kudzu-bean).....	China.....	3			Calif.*
<i>Trachelospermum</i> sp.....	Japan.....			1	Calif.*
<i>Zingiber officinale</i> (ginger).....	Hawaii, Japan.....	3			Calif.*
<i>Tylenchus alii</i> Beijerinck:					
<i>Allium sativum</i> (garlic).....	France, Mexico.....	4	1		La., Tex.
<i>Uredo behnickiana</i> P. Henn.:					
<i>Laelia anceps</i> (orchid).....	Mexico.....			2	Tex.
<i>Odontoglossum</i> sp. (orchid).....	do.....			1	Tex.
<i>Uredo epidendri</i> P. Henn.:					
<i>Epidendrum radicans</i> (orchid).....	Guatemala.....			1	Calif.*
<i>Epidendrum</i> sp.....	Honduras.....			1	Fla.
<i>Uredo guacae</i> Mayor:					
<i>Epidendrum radicans</i> (orchid).....	Guatemala.....			1	Tex.
<i>Epidendrum</i> sp.....	Canal Zone.....			1	Calif.*
Orchid.....	Brazil.....			1	Fla.
<i>Zygopetalum</i> sp. (orchid).....	Costa Rica.....			1	Fla.
<i>Uredo monsterae</i> Syd.:					
<i>Philodendron</i> sp.....	Mexico.....			2	Tex.
<i>Uredo nigropuncta</i> P. Henn.:					
<i>Elletia</i> sp.....	Jamaica.....			1	Fla.
<i>Odontoglossum</i> sp. (?) (orchid).....	Guatemala.....			1	Wash.
Orchid.....	Costa Rica.....			1	Fla.
<i>Uredo nigropunctata</i> P. Henn. (?):					
<i>Catasetum</i> sp. (orchid).....	Trinidad.....			1	Fla.

Pests (diseases) collected and reported from July 1, 1952, through June 30, 1953—Con.

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Uredo oncidii</i> P. Henn.:					
<i>Oncidium cavendishianum</i> (orchid).....	Guatemala.....			1	Calif.*
<i>Uredo scabiei</i> Cke. (?):					
<i>Vanilla</i> sp. (orchid).....	Mexico.....			1	Tex.
<i>Urocystis gladiolicola</i> Ains.:					
<i>Gladiolus tristis</i>	Ireland.....			3	N. J.
<i>Uromyces alyziae</i> Arth.:					
<i>Alyzia olivaeformis</i> (maile).....	Hawaii.....	3			Calif.*, Ha-waii.
<i>Uromyces coronatus</i> Yosh.:					
<i>Oryza sativa</i> (rice).....	Japan.....	1			Md.
<i>Uromyces leptodermus</i> Syd.:					
<i>Panicum purpurascens</i>	Mexico.....	1			Tex.
<i>Uromyces lespedezae-procumbentis</i> (Schw.) Curt.:					
<i>Lespedeza bicolor</i> (shrub bushclover).....	Japan.....			1	Calif.*
<i>Uromyces mulini</i> Schroet.:					
<i>Mulinum</i> sp.....	Argentina.....			1	D. C.
<i>Uromyces phaseoli</i> (Pers.) Wint.:					
<i>Phaseolus vulgaris</i> var. (string bean).....	Japan.....		2		Wash.
<i>Uromyces striatus</i> Schrouf var. <i>medicaginis</i> (Pass.) Arth.:					
<i>Medicago sativa</i> (alfalfa).....	Turkey.....			1	D. C.
<i>Medicago</i> sp.....	do.....			1	D. C.
<i>Ustilago bullata</i> Berk.:					
<i>Bromus catharticus</i> (rescue brome).....	Argentina.....			1	D. C.
<i>Bromus</i> sp.....	Turkey.....			1	D. C.
<i>Ustilago esculenta</i> P. Henn.:					
<i>Zizania</i> sp.....	Japan.....	1			Md.
<i>Ustilago grandis</i> Fr.:					
<i>Phragmites communis</i> (reed).....	Netherlands.....	1			Pa.
<i>Ustilago penniseti</i> Rab. var. <i>tinkinensis</i> Pat.:					
<i>Pennisetum</i> sp.....	Turkey.....			1	D. C.
<i>Volutella buxi</i> (Fr.) Berk. & Br.:					
<i>Buxus sempervirens</i> (box).....	Netherlands.....			1	Wash.
<i>Buxus</i> sp.....	do.....			1	N. J.
<i>Volutella pachysandricola</i> B. O. Dodge:					
<i>Pachysandra terminalis</i> (Japanese pachysandra).....	do.....			5	N. J.
<i>Xanthomonas begoniae</i> (Buchw.) Dows.:					
<i>Begonia</i> sp.....	Hawaii.....	1			Hawaii.
<i>Xanthomonas citri</i> (Hasse) Dows.:					
<i>Citrus aurantifolia</i> (lime).....	Korror Island, Mari-anas.....	2			Guam, Ha-waii.
<i>Citrus aurantifolia</i> (sour lime).....	Ceylon, India, Japan.....		6		Calif.*, Mass., Pa., Tex.
<i>Citrus aurantium</i> (sour orange).....	Japan.....		3		Calif.*, Wash.
<i>Citris aurantium</i> var.....	do.....		2		Wash.
<i>Citris grandis</i> (pummelo).....	do.....		2		Calif.*, Wash.
<i>Citrus limon</i> (lemon).....	Japan, Philippines, Truk Islands.....	2	19		Calif.*, Guam, Pa., Wash.
<i>Citrus paradisi</i> (grapefruit).....	Japan.....		10		Calif.*, La., Tex.
<i>Citris reticulata</i> (Mandarin orange).....	China, Japan.....	5	4		Calif.*, Ha-waii.
<i>Citrus sinensis</i> (orange).....	China, Japan, unknown.....	12	72		Ala., Calif.*, Hawaii, Md., Oreg. Pa., Tex., Wash.
<i>Citrus</i> sp. (orange).....	Korror Island, Saipan.....	2			Guam.
<i>Citrus</i> sp.....	Japan.....		3		Calif.*, Tex., Wash.
<i>Xanthomonas</i> sp. (?) ("Cancrosis B"):					
<i>Citrus limon</i> (lemon).....	Argentina.....		4		N. Y., Pa.

Hosts and Diseases

- ABIES:**
Sclerotinia kernerii (Ascomycetes)
ACIDANTHERA:
Botrytis gladiolorum (Deuteromycetes)
ACINETA:
Gloeosporium cinctum (Deuteromycetes)
AEUROPUS:
Puccinia aeluropi (Promycetes)
AGAVE:
Colletotrichum agaves (Deuteromycetes)
Colletotrichum yuccae (Deuteromycetes)
Stagonospora macrospora (Deuteromycetes)
ALLIUM CEPA:
Fusarium oxysporum f. cepae (Deuteromycetes)
ALLIUM FISTULOSUM:
Mycosphaerella schoenoprasii (Ascomycetes)
ALLIUM KANSUENSE:
Colletotrichum lilacearum (Deuteromycetes)
ALLIUM PORRUM:
Mycosphaerella tassiniana (Ascomycetes)
ALLIUM SATIVUM:
Tylenchus allii (Nematoda)
ALYXIA:
Uromyces alyxiae (Promycetes)
ANANAS:
Diplodia ananassae (Deuteromycetes)
ANDROMEDA:
Ceuthospora lunata (Deuteromycetes)
Diplodina rostrupii (Deuteromycetes)
ANDROPOGON:
Sphacelotheca ischaemi (Promycetes)
ANSELLIA:
Septonema orchidophilum (?) (Deuteromycetes)
ARACEAE:
Glomerella cincta (Ascomycetes)
ARALIA:
Nectria galligena (Ascomycetes)
ARAUCHARIA:
Botryosphaeria berengeriana f. araucariae (Ascomycetes)
Cryptospora longispora (Ascomycetes)
ARDISIA:
Phoma ardisiae (Deuteromycetes)
ARECA:
Colletotrichum arecae (Deuteromycetes)
Gloeosporium catechu (Deuteromycetes)
Phomopsis palmicola (Deuteromycetes)
ARRHENATHERUM:
Claviceps purpurea (Ascomycetes)
ASPARAGUS:
Meloidogyne javanica (Nematoda)
ASTER:
Coleosporium solidaginis (Promycetes)
ASTILBE:
Thielaviopsis basicola (Deuteromycetes)
AVENA:
Helminthosporium avenae (Deuteromycetes)
Heterosporium avenae (Deuteromycetes)
Nigrospora sphaerica (Deuteromycetes)
Puccinia coronata (Promycetes)
Puccinia graminis var. *avenae* (Promycetes)
AXONOPUS:
Colletotrichum graminicolum (Deuteromycetes)
Fusarium gramineum (Deuteromycetes)
BACCHARIS:
Puccinia baccharidis (Promycetes)
BAMBOO:
Apiospora punctum (Phycomycetes)
Hyponectria aureo-nitens (Ascomycetes)
BAMBUSA:
Melanospora globosa (Ascomycetes)
Puccinia kusanot (Promycetes)
Puccinia longicornis (Promycetes)
BEGONIA:
Xanthomonas begoniae (Schizomycetes)
BERBERIS:
Cueurbitaria berberidis (Ascomycetes)
BETA:
Papulaspora parasitica (Deuteromycetes)
BLETIA:
Uredo nigropuncta (Promycetes)
BOUGAINVILLEA:
Cercospora mirabilis (Deuteromycetes)
BRASSICA OLERACEA:
Mycosphaerella brassicicola (Ascomycetes)
BRASSICA OLERACEA BOTRYTIS:
Gloeosporium concentricum (Deuteromycetes)
Mycosphaerella brassicicola (Ascomycetes)
- BRASSICA OLERACEA CAPITATA:**
Peronospora parasitica (Phycomycetes)
Pseudomonas maculicola (?) (Schizomycetes)
BROMUS:
Colletotrichum graminicolum (Deuteromycetes)
Ustilago bullata (Promycetes)
BUXUS:
Macrophoma candollei (Deuteromycetes)
Phyllosticta limbalis (Deuteromycetes)
Puccinia buxi (Promycetes)
Volutella buxi (Deuteromycetes)
CACTUS:
Erysiporum cactivorum (Deuteromycetes)
CAMELLIA:
Discosia arctocreas (Deuteromycetes)
CAPSIUM:
Gloeosporium piperatum (Deuteromycetes)
Phoma destructiva (Deuteromycetes)
Phomopsis capsici (Deuteromycetes)
CARICA:
Asperisporium caricae (Deuteromycetes)
Fusarium diversisporum (Deuteromycetes)
CASTANEA:
Diplodia theobromae (Deuteromycetes)
Phoma eriophorum (?) (Deuteromycetes)
CATASETUM:
Uredo nigropunctata (?) (Promycetes)
CATTLEYA:
Diplodia paraphysaria (Deuteromycetes)
Phyllosticta laeliae (Deuteromycetes)
CENTROSEMA:
Cercospora centrosema (Deuteromycetes)
CEREUS:
Phyllosticta cacti (Deuteromycetes)
CHAENOMELES:
Graphis scripta (Ascomycetes)
CHAMACEYPARIS:
Pestalotia funerea (Deuteromycetes)
CHAMAEDOREA:
Aschersonia aleyrodis (Deuteromycetes)
Mycosphaerella advena (Ascomycetes)
CHRYSANTHEMUM:
Aphelenchoides ritzema-bosi (?) (Nematoda)
Puccinia chrysanthemi (Promycetes)
Puccinia horiana (Promycetes)
Septoria chrysanthemi (Deuteromycetes)
CICHORIUM:
Pseudomonas marginalis (Schizomycetes)
CITRUS AURANTIFOLIA:
Elsinoe australis (Ascomycetes)
Meliola citricola (Ascomycetes)
Sphaceloma fawcetti (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
CITRUS AURANTIUM:
Elsinoe australis (Ascomycetes)
Sphaceloma fawcetti (?) (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
CITRUS AURANTIUM VAR.:
Xanthomonas citri (Schizomycetes)
CITRUS GRANDIS:
Fusarium juruanum (Deuteromycetes)
Fusarium lateritium (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
CITRUS LIMON:
Elsinoe australis (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Phoma limoni (?) (Deuteromycetes)
Phoma rigida (?) (Deuteromycetes)
Pleospora herbarum (Ascomycetes)
Septoria citri (Deuteromycetes)
Sphaceloma fawcetti (Deuteromycetes)
Sphaceloma fawcetti var. *scabiosa* (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
Xanthomonas sp. (?) (Cancerosis "B") (Schizomycetes)
CITRUS NOBILIS:
Meliola citricola (Ascomycetes)
CITRUS PARADISI:
Ascochyta citri (Deuteromycetes)
Phoma citricarpa (Deuteromycetes)
Septoria citri (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
CITRUS RETICULATA:
Elsinoe australis (Ascomycetes)
Gloeosporium folliculorum (Deuteromycetes)
Phoma citricarpa (Deuteromycetes)
Sphaceloma fawcetti (Deuteromycetes)
Xanthomonas citri (Schizomycetes)

*Hosts and Diseases—Continued***CITRUS SINENSIS:**

- Ascochyta hesperidarum* (Deuteromycetes)
- Elsinoe australis* (Ascomycetes)
- Hendersonia citri* (Deuteromycetes)
- Meliola citricola* (Ascomycetes)
- Phoma citricarpa* (Deuteromycetes)
- Phyllosticta disciformis* (Deuteromycetes)
- Pseudomonas syringae* (?) (Schizomycetes)
- Septoria citri* (Deuteromycetes)
- Septoria depressa* (Deuteromycetes)
- Xanthomonas citri* (Schizomycetes)

CITRUS SP. (orange):

- Phoma citricarpa* (Deuteromycetes)
- Sphaceloma fawcetti* (Deuteromycetes)
- Xanthomonas citri* (Schizomycetes)

CITRUS SP.:

- Meliola citricola* (Ascomycetes)
- Phoma citricarpa* (Deuteromycetes)
- Xanthomonas citri* (Schizomycetes)

COCOS:

- Coniosporium palmicola* (Deuteromycetes)
- Cytospora palmarum* (Deuteromycetes)
- Diplodia epicocae* (Deuteromycetes)
- Epicoccum cocos* (Deuteromycetes)
- Mycosphaerella palmae* (Ascomycetes)
- Ophiobolus versisporus* (Ascomycetes)
- Pestalotia palmarum* (Deuteromycetes)
- Phomopsis cocos* (Deuteromycetes)
- Physalospora rhodina* (Ascomycetes)

COELOGYNE:

- Mycosphaerella cyripedii* (Ascomycetes)

COFFEA:

- Cercospora coffeicola* (Deuteromycetes)
- Colletotrichum coffeanum* (Deuteromycetes)
- Mycosphaerella coffeicola* (Ascomycetes)

COLLINIA:

- Pestalotia palmarum* (Deuteromycetes)

CORDYLINE:

- Phyllosticta cordylinophila* (Deuteromycetes)

CRATAEGUS:

- Botryosphaeria ribis* (Ascomycetes)

CRYPTOMERIA:

- Pestalotia funerea* (Deuteromycetes)

CUPRESSUS:

- Pestalotia funerea* (Deuteromycetes)

CYMBIDUM:

- Fusarium solani* (?) (Deuteromycetes)
- Memnoniella echinata* (Deuteromycetes)

CYNARA:

- Ramularia cynarae* (Deuteromycetes)

CYNODON:

- Helminthosporium cynodontis* (Deuteromycetes)

DACTYLIS:

- Selenophoma donacis* (Deuteromycetes)

DAHLIA:

- Coleosporium dahliae* (Promycetes)
- Melanospora zamiae* (Ascomycetes)

DAISY:

- Septoria chrysanthemi* (Deuteromycetes)

DANTHONIA:

- Sphacelotheca panici-milliae* (Promycetes)

DENDROBIUM:

- Pestalotia conspicua* (Deuteromycetes)
- Phyllosticta laeliae* (Deuteromycetes)
- Physalospora campiospora* (Ascomycetes)

DIANTHUS:

- Alternaria dianthi* (Deuteromycetes)
- Heterosporium echinulatum* (Deuteromycetes)
- Nigrospora oryzae* (Deuteromycetes)
- Septoria dianthi* (Deuteromycetes)
- Stemphylium botryosum* (Deuteromycetes)

DRACAENA:

- Aphelenchoides bicaudatus* (Nematoda)
- Phyllosticta maculicola* (Deuteromycetes)

DUVALLIA:

- Botryosphaeria ribis* (Ascomycetes)

ELYMUS:

- Tilletia elymi* (?) (Promycetes)

EPIDENDRUM:

- Uredo epidendri* (Promycetes)
- Uredo guacae* (Promycetes)

EPILOBIUM:

- Puccinia vagans* (Promycetes)

ERIOBOTRYA:

- Fusicladium eriobotryae* (Deuteromycetes)

ERYTHRINA:

- Colletotrichum erythrinae* (Deuteromycetes)

FAGUS:

- Quaternaria persoonii* (Ascomycetes)

FATSHEDERA:

- Colletotrichum trichella* (Deuteromycetes)

FESTUCA:

- Selenophoma donacis* var. *stomaticola* (Deuteromycetes)

FICUS:

- Ophiodothella fici* (Ascomycetes)

FRAGARIA:

- Dendrophoma obscurans* (Ascomycetes)
- Mycosphaerella fragariae* (Ascomycetes)
- Pezizella lythri* (Ascomycetes)

GARDENIA:

- Omphalia flauda* (Deuteromycetes)
- Triposporium stelligerum* (Deuteromycetes)

GLADIOLUS:

- Botrytis gladiolorum* (Deuteromycetes)
- Fusarium oxysporum* f. *gladioli* (Deuteromycetes)
- Macrophomina phaseolina* (Deuteromycetes)
- Pseudomonas marginata* (Schizomycetes)
- Sromatnia gladioli* (?) (Ascomycetes)
- Urocystis gladiolicola* (Promycetes)

GLIRICIDIA:

- Colletotrichum gliricidae* (Deuteromycetes)

GOSSYPIMUM:

- Phakopsora desmum* (Promycetes)
- Puccinia stakmanii* (Promycetes)

HELLEBORUS:

- Coniothyrium hellebori* (Deuteromycetes)

HETEROPOGON:

- Cerebella andropogonis* (Deuteromycetes)
- Sphacelotheca ischaemi* (Promycetes)

HIBISCUS:

- Cercospora malayensis* (Deuteromycetes)

HOLCUS:

- Puccinia coronata* (Promycetes)

HORDEUM:

- Heterosporium avenae* (?) (Deuteromycetes)
- Puccinia anomala* (Promycetes)
- Puccinia glumarum* (Promycetes)
- Puccinia hordei*
- Tilletia panicis* (?) (Promycetes)

HYDROCOTYLE:

- Puccinia hydrocotyles* (Promycetes)

HYPARRHENIA:

- Cerebella andropogonis* (Deuteromycetes)

IPOMOEA:

- Endoconidiophora fimbriata* (Ascomycetes)
- Septoria convolvuli* (?) (Deuteromycetes)

IRIS:

- Colletotrichum lillacearum* (Deuteromycetes)
- Ditylenchus* sp. (undescribed) (Nematoda)
- Leptosphaeria heterospora* (Ascomycetes)
- Macrophomina phaseolina* (Deuteromycetes)

IXIA:

- Macrophomina phaseolina* (Deuteromycetes)

IXORA:

- Pestalotia ixorae* (Deuteromycetes)

JATROPHA:

- Aecidium mozinnae* (Promycetes)

JUNIPERUS:

- Gymnosporangium haraeannum* (Promycetes)
- Gymnosporangium sabiniae* (Promycetes)
- Pestalotia funerea* (Deuteromycetes)

LABURNUM:

- Coniothyrium cytisellum* (Deuteromycetes)
- Cylindrocarpum candidum* var. *minus* (Deuteromycetes)

LAELIA:

- Stachybotrys atra* (Deuteromycetes)
- Uredo behntekiana* (Promycetes)

LAURUS:

- Septoria carrubi* (?) (Deuteromycetes)

LESPEDeza:

- Pestalotia lespedezae* (Deuteromycetes)
- Robillarda sessilis* (Deuteromycetes)
- Uromyces lespedezae-procumbentis* (Promycetes)

LEUCOTHOE:

- Ceuthospora lunata* (Deuteromycetes)
- Diplodina rostrupii* (Deuteromycetes)

LIGULARIA:

- Meloidogyne javanica* (Nematoda)

LILIUM:

- Botrytis elliptica* (Deuteromycetes)
- Colletotrichum liliacearum* (Deuteromycetes)

Hosts and Diseases—Continued

LILIUM—Continued

- Papulaspora parasitica* (Deuteromycetes)
Tritirachium dependens (Deuteromycetes)

LYCOPERSICON:

- Myrothecium roridum* (Deuteromycetes)
Stemphylium botryosum (Deuteromycetes)

MAGNOLIA:

- Ascochyta magnoliae* (Deuteromycetes)

MALUS:

- Coniothecium chomatosporum* (Deuteromycetes)
Fusicladium dendriticum (Deuteromycetes)
Gymnosporangium yamadai (Promycetes)
Monilinia fructigena (Ascomycetes)
Mycosphaerella pomi (Ascomycetes)
Neofabraea malicorticis (Ascomycetes)
Phomopsis ambigua (Deuteromycetes)
Physalospora obtusa (Ascomycetes)

MANGIFERA:

- Sphaceloma mangiferae* (Deuteromycetes)
Tritirachium dependens (Deuteromycetes)

MEDICAGO:

- Pseudopeziza medicaginis* (Ascomycetes)
Uromyces striatus var. *medicaginis* (Promycetes)

MORUS:

- Eutypella stellulata* (Ascomycetes)

MULINUM:

- Uromyces mulini* (Promycetes)

MUSA PARADISIACA:

- Cercospora musae* (Deuteromycetes)
Cordana musae (Deuteromycetes)
Stachylidium theobromae (Deuteromycetes)

MUSA PARADISIACA SAPIENTUM:

- Cercospora musae* (Deuteromycetes)
Cordana musae (Deuteromycetes)
Didymium minus (Myxomycetes)
Hendersonia musae (Deuteromycetes)
Macrophoma musae (Deuteromycetes)
Stachybotrys sub simplex (Deuteromycetes)
Stachylidium theobromae (Deuteromycetes)

NARCISSUS:

- Aphelenchoides subtenuis* (Nematoda)
Ditylenchus dipsaci (Nematoda)
Ophiostoma narcissi (Ascomycetes)

NERIUM:

- Cercospora neriella* (Deuteromycetes)

ODONTIODA:

- Cercospora angreii* (Deuteromycetes)

ODONTOGLOSSUM:

- Uredo behnickiana* (Promycetes)
Uredo nigropunctata (Promycetes)

OLEA:

- Septoria oleae* (Deuteromycetes)

ONCIDIUM:

- Uredo oncidii* (Promycetes)

ORCHID:

- Chaetomella atra* (Deuteromycetes)
Coniothyrium stanhopeae (Deuteromycetes)
Diplodia paraphysaria (Deuteromycetes)
Gloeosporium cinctum (Deuteromycetes)
Uredo guacae (Promycetes)
Uredo nigropunctata (Promycetes)

ORNITHOGALUM:

- Heterosporium ornithogali* (Deuteromycetes)
Puccinia kalthbrenneriana (Promycetes)
Puccinia ornithogali-thyrsoides (Promycetes)
Sphaerella hyphiseda (Ascomycetes)

ORYZA:

- Cephalosporium roseum* (Deuteromycetes)
Cercospora oryzae (Deuteromycetes)
Eutypoma oryzae (Promycetes)
Helminthosporium oryzae (Deuteromycetes)
Helminthosporium turcicum (Deuteromycetes)
Leptosphaeria oryzina (Ascomycetes)
Mycosphaerella hondai (Ascomycetes)
Neovossia horrida (Promycetes)
Nigrospora sphaerica (Deuteromycetes)
Phaeoseptoria oryzae (Deuteromycetes)
Uromyces coronatus (Promycetes)

PACHYSANDRA:

- Volutella pachysandricola* (Deuteromycetes)

PAEONIA:

- Coryneum microstictum* (Deuteromycetes)
Hendersonia paeoniae (Deuteromycetes)
Monochaetia paeoniae (Deuteromycetes)
Phlyctacna ranunculacearum (Deuteromycetes)
Sclerotopsis testudinea (Deuteromycetes)
Thielaviopsis basicola (Deuteromycetes)

PALM:

- Catacauma sabal* (?) (Ascomycetes)
Pestalotia palmarum (Deuteromycetes)

PANICUM:

- Cryptodidymosphaeria clandestina* (Ascomycetes)
Uromyces leptodermus (Promycetes)

PASPALUM:

- Cerebiale andropogonis* (Deuteromycetes)
Claviceps paspali (Ascomycetes)
Fusarium heterosporum (Deuteromycetes)

PENNISSETUM:

- Puccinia penniseti* (?) (Promycetes)
Ustilago penniseti var. *tonkinensis* (Promycetes)

PERSEA:

- Cercospora purpurea* (Deuteromycetes)

PHAJUS:

- Coleosporium bletiae* (Promycetes)

PHASEOLUS:

- Elsinoe phaseoli* (Ascomycetes)
Uromyces phaseoli (Promycetes)

PHILODENDRON:

- Colletotrichum philodendri* (Deuteromycetes)
Gloeosporium philodendri (Deuteromycetes)
Glomerella cincta (Ascomycetes)
Septoria guembe (?) (Deuteromycetes)
Uredo monsterae (Promycetes)

PHRAGMITES:

- Ustilago grandis* (Promycetes)

PICEA:

- Discella strobilina* (Deuteromycetes)
Phomopsis occulta (Deuteromycetes)
Thecopora areolata (Promycetes)

PIERIS:

- Sporonema ozyococi* (?) (Deuteromycetes)

PINUS:

- Cercospora pini-densiflorae* (Deuteromycetes)
Pestalotia funerea (Deuteromycetes)
Pestalotia macrochaeta (Deuteromycetes)
Pestalotia peregrina (Deuteromycetes)

PLUMERIA:

- Coleosporium domingense* (Promycetes)

PROSOPIS:

- Gloeosporium leguminum* (Deuteromycetes)

PRUNUS AMYGDALUS:

- Taphrina deformans* (Ascomycetes)

PRUNUS ARMENIACA:

- Coryneum carpophilum* (Deuteromycetes)
Monilinia laza (Ascomycetes)

PRUNUS DOMESTICA:

- Monilinia fructigena* (Ascomycetes)
Tranzschelia pruni-spinosae (Promycetes)

PRUNUS SP. (cherry):

- Monilinia fructigena* (Ascomycetes)

PSIDIUM:

- Phoma psidii* (Deuteromycetes)

PUERARIA:

- Tritirachium dependens* (Deuteromycetes)

PUNICA:

- Sphaceloma punicae* (Deuteromycetes)

PYRACANTHA:

- Fusicladium pyracanthae* (Deuteromycetes)

PYRUS:

- Collectotrichum fructus* (Deuteromycetes)
Fusicladium pirinum (Deuteromycetes)

QUERCUS:

- Hypozyllon marginatum* (Ascomycetes)

RHODODENDRON:

- Apiospora rhododendri* (Phycomycetes)
Briosis azaleae (Deuteromycetes)
Cercospora handelii (Deuteromycetes)
Cercospora rhododendri (Deuteromycetes)
Chrysomyxa rhododendri (Promycetes)
Coniothyrium rhododendri (Deuteromycetes)
Cytospora subclypeata (?) (Deuteromycetes)
Dasycephala virginea (Ascomycetes)
Diplodia eurhododendri (Deuteromycetes)
Eozbasidium vaccinii (Basidiomycetes)
Gloeosporium rhododendri (Deuteromycetes)
Lophodermium rhododendri (Ascomycetes)
Melanomma pulvis-pyrus (Ascomycetes)
Mycosphaerella clintoniana (Ascomycetes)
Pestalotia rhododendri (Deuteromycetes)
Phyllosticta rhododendri (Deuteromycetes)
Septoria azaleae (Deuteromycetes)

ROSA:

- Phragmidium subcorticinum* (Promycetes)

*Hosts and Diseases—Continued***RUSCUS:**

- Leptosphaeria rusci* (Ascomycetes)
- Phyllosticta rusciola* (Deuteromycetes)

SACCHARUM:

- Leptosphaeria sacchari* (Ascomycetes)
- Nigrospora sacchari* (Deuteromycetes)

SALIX:

- Cryptodiaporthe salicella* (Ascomycetes)
- Pestalotia bicolor* (Deuteromycetes)

SAND:

- Heterodera avenae* (Nematoda)

SANSEVIERIA:

- Gloeosporium sansevieriae* (Deuteromycetes)

SOIL:

- Heterodera avenae* (Nematoda)
- Heterodera cacti* (Nematoda)
- Heterodera leptonepia* (Nematoda)
- Heterodera punctata* (Nematoda)
- Heterodera rostochiensis* (Nematoda)

SOLANUM:

- Chaetomium contortum* (Ascomycetes)
- Macrophomina phaseolina* (Deuteromycetes)
- Meloidogyne hapla* (Nematoda)
- Memnoniella echinata* (Deuteromycetes)
- Oospora pustulans* (Deuteromycetes)

SORGHUM:

- Collectotrichum graminicolum* (Deuteromycetes)
- Sphacelotheca sorghicola* (Promycetes)

SPOROBOLUS:

- Helminthosporium ravenelii* (Deuteromycetes)

STANHOPEA (?)

- Hendersonia epidendri* (Deuteromycetes)

STENOCACTUS:

- Leptosphaeria opuntiae* (Ascomycetes)

STIPA:

- Lophodermium minutum* (Ascomycetes)
- Puccinia coronata* (Promycetes)
- Selenophoma donacis* (Deuteromycetes)

SUTHERLANDIA:

- Physalosporina sutherlandiae* (Ascomycetes)

TETRAGONIA:

- Puccinia tetragonia* var. *austroafricana* (Promycetes)

TRACHELOSPERMUM:

- Tritirachium dependens* (Deuteromycetes)

TRIFOLIUM:

- Cymadothea trifolii* (Ascomycetes)

- Pseudopeziza trifolii* (Ascomycetes)

TRIGONELLA:

- Ascochyta trigonellae* (Deuteromycetes)

TRITICUM:

- Pleospora herbarum* (Ascomycetes)
- Puccinia glumarum* (Promycetes)
- Puccinia graminis* var. *tritici* (Promycetes)
- Puccinia rubigo-cera* var. *tritici* (Promycetes)
- Septoria tritici* (Deuteromycetes)

VANILLA:

- Uredo scabiei* (Promycetes)

VIBURNUM:

- Coniothyrium viburni* (Deuteromycetes)

VICIA:

- Ascochyta pisi* (Deuteromycetes)

VITIS:

- Sclerotopsis concava* (Deuteromycetes)

WISTERIA:

- Coniothyrium olivaceum* (Deuteromycetes)
- Cryptovalsa rabenhorstii* (Ascomycetes)
- Ochrospora kraunhiae* (Promycetes)

ZEa:

- Nigrospora sphaerica* (Deuteromycetes)

ZINGIBER:

- Melanospora zamiae* (Ascomycetes)
- Memnoniella echinata* (Deuteromycetes)
- Tritirachium dependens* (Deuteromycetes)

ZIZANIA:

- Ustilago esculenta* (Promycetes)

ZYGOPETALUM:

- Uredo guacae* (?) (Promycetes)

*Hosts Unknown***GRASS:**

- Colletotrichum graminicolum* (Deuteromycetes)
- Nigrospora sphaerica* (Deuteromycetes)
- Puccinia versicolor* (?) (Promycetes)

LEAF:

- Omphalia flويدa* (Deuteromycetes)

*Countries of Origin and Diseases***ALGERIA:**

- Pleospora herbarum*

ARGENTINA:

- Elsinoe australis*
- Gloeosporium leguminum*
- Puccinia coronata*
- Selenophoma donacis*
- Sphacelotheca sorghicola*
- Uromyces mulini*
- Ustilago bullata*
- Xanthomonas* sp. (?) (Cancerosis "B")

AUSTRALIA:

- Cerebella andropogonis*
- Colletotrichum liliacearum*
- Cryptospora longispora*
- Fusarium heterosporum*
- Fusarium solani* (?)
- Fusicladium dendriticum*
- Helminthosporium cynodontis*
- Heterosporium avenae*
- Leptosphaeria heterospora*
- Melanospora zamiae*
- Pestalotia conspicua*
- Pestalotia izorae*
- Phoma citricarpa*
- Physalospora camptospora*
- Septoria depressa*
- Sphaceloma fawcettii*
- Sphaceloma fawcettii* var. *scabiosa*
- Sphacelotheca panici-milliae*
- Siemphyllum botryosum*

AUSTRIA:

- Chrysomyza rhododendri*
- Fusicladium dendriticum*
- Heterodera punctata*
- Heterodera rostochiensis*

AZORES:

- Pestalotia macrochaeta*

BAHAMAS:

- Eutypella stellulata*

BELGIUM:

- Cercospora angreii*
- Cercospora handelii*
- Colletotrichum trichella*
- Cucurbitaria berberidis*
- Helminthosporium avenae*
- Heterodera avenae*
- Heterodera punctata*
- Monilinia fructigena*
- Peronospora parasitica*
- Pestalotia rhododendri*
- Pseudomonas marginalis*
- Puccinia hordei*
- Septoria azaleae*

BERMUDA:

- Cercospora nerilla*
- Septoria convolvuli* (?)

BRAZIL:

- Aphelenchoides bicaudatus*
- Claviceps paspali*
- Diplodia epicocos*
- Elsinoe australis*
- Gloeosporium piperatum*
- Helminthosporium ravenelii*
- Sphaceloma fawcettii*
- Uredo guacae*

BRITISH EAST AFRICA:

- Septonema orchidophilum* (?)

CANADA:

- Alternaria dianthi*
- Colletotrichum liliacearum*
- Heterodera cacti*

Countries of Origin and Diseases—Continued

CANADA—Continued

Leptosphaeria heterospora
Lophodermium rhododendri
Pestalotia funerea
Quaternaria persoonii
Sclerotinia kernerii
Septoria chrysanthemi

CANAL ZONE:

Ascochyta citri
Cercospora mirabilis
Cercospora musae
Coleosporium domingense
Gloeosporium cinctum
Gloeosporium sansevieriae
Stachylidium theobromae
Uredo guacae

CEYLON:

Xanthomonas citri

CHILE:

Ascochyta pisi
Claviceps purpurea
Macrophomina phaseolina
Tranzschelia pruni-spinosae

CHINA:

Entyloma oryzae
Melanospora globosa
Meliola citricola
Papulaspora parasitica
Pestalotia lespedezae
Phoma citricarpa
Puccinia longicornis
Robillarda sessilis
Tritirachium dependens
Xanthomonas citri

COLOMBIA:

Phoma destructiva

COSTA RICA:

Diplodia paraphysaria
Stachylidium theobromae
Uredo guacae (?)
Uredo nigropunctata

CUBA:

Asperisporium caricae
Cercospora malayensis
Colletotrichum gliricidae

CZECHOSLOVAKIA:

Heterodera cacti

DENMARK:

Colletotrichum fructus
Cryptodiaportha salicella
Heterodera rostochiensis
Monilinia fructigena
Mycosphaerella pomi

DOMINICAN REPUBLIC:

Phakopsora desmum
Phyllosticta maculicola

ECUADOR:

Cercospora musae
Cordana musae
Cryptodidymosphaeria clandestina
Macrophoma musae
Mycosphaerella brassicicola
Nigrospora sphaerica
Stachylidium theobromae

ENGLAND:

Apiospora rhododendri
Briosia azaleae
Chrysomyxa rhododendri
Colletotrichum liliacearum
Coniothyrium hellebori
Coniothyrium rhododendri
Coryneum microstictum
Cytospora subclipeata (?)
Diplodina eurhododendri
Gloeosporium concentricum
Gloeosporium rhododendri
Helminthosporium avenae
Heterodera avenae
Heterodera cacti
Heterodera punctata
Heterodera rostochiensis
Leptosphaeria heterospora
Lophodermium rhododendri
Melanomma pulvis-pyrus
Memnoniella echinata
Monilinia fructigena
Mycosphaerella clintoniana
Pestalotia rhododendri

ENGLAND—Continued

Puccinia anomala
Puccinia buri
Puccinia glumarum
Septoria chrysanthemi
Septoria tritici

EUROPE:

Puccinia rubigo-vera var. *tritici*

FORMOSA:

Phoma citricarpa

FRANCE:

Alternaria dianthi
Ditylenchus sp. (undescribed)
Heterodera avenae
Heterodera cacti
Heterodera punctata
Heterodera rostochiensis
Monilinia fructigena
Monochaetia paeoniae
Phragmidium subcorticinum
Puccinia buri
Puccinia coronata
Puccinia rubigo-vera var. *tritici*
Tylenchus allii

GERMANY:

Botrytis gladiolorum
Colletotrichum liliacearum
Discella strobilina
Erobasidium nacinii
Gymnosporangium sabiniae
Heterodera avenae
Heterodera cacti
Heterodera punctata
Heterodera rostochiensis
Mycosphaerella fragariae
Phomopsis occulta
Puccinia coronata

GIBRALTAR (?) :

Heterodera avenae

GREECE:

Helminthosporium turcicum
Ramularia cynarae
Sclerotopsis concava

GUAM:

Colletotrichum arecae
Gloeosporium catechu
Phomopsis palmicola

GUATEMALA:

Cercospora musae
Hendersonia musae
Heterosporium echinulatum
Omphalia flavida
Stachybotrys atra
Stachybotrys subsimplex
Uredo epidendri
Uredo guacae
Uredo nigropunctata
Uredo oncidii

HAWAII:

Colletotrichum coffeanum
Ophiobolus versisporus
Pestalotia palmarum
Phomopsis cocoes
Phyllosticta cordyltinophila
Physalospora rhodina
Septoria dianthi
Tritirachium dependens
Uromyces alyziae
Xanthomonas begoniae

HONDURAS:

Nigrospora oryzae
Stemphylium botryosum
Uredo epidendri

ICELAND:

Selenophoma donacis var. *stomaticola*

INDIA:

Coleosporium bietiae
Memnoniella echinata
Xanthomonas citri

IRELAND:

Heterodera avenae
Heterodera punctata
Heterodera rostochiensis
Psudopeziza trifolii
Urocystis gladiolicola

ISRAEL:

Pseudomonas syringae (?)
Septoria tritici

Countries of Origin and Diseases—Continued

ITALY:

Aphelenchoides subtenuis
Botryosphaeria berengeriana var. *aracariae*
Colletotrichum agaves
Colletotrichum yuccae
Diitylenchus dipsaci
Heterodera avenae
Heterodera cacti
Heterodera punctata
Leptosphaeria heterospora
Leptosphaeria rusci
Lophodermium minutum
Monilinia fructigena
Mycosphaerella pomi
Ophiostoma narcissi
Phoma limoni (?)
Phyllosticta disciformis
Phyllosticta ruscicola
Physalospora obtusa
Septoria citri
Septoria oleae

JAMAICA:

Myrothecium roridum
Uredo nigropunctata

JAPAN:

Alternaria dianthi
Aphelenchoides ritzema-bosi (?)
Apiospora punctum
Botrytis elliptica
Botrytis gladiolorum
Cercospora pini-densiflorae
Coleosporium solidaginis
Colletotrichum lilacearum
Coniothyrium olivaceum
Cryptovalsa rabenhorstii
Dendrophoma obscurans
Diplodia theobromae
Discosia artocreas
Endoconidiophora fimbriata
Entyloma oryzae
Fusarium oxysporum f. *gladioli*
Gloeosporium foliicolum
Graphis scripta
Gymnosporangium haraeae
Gymnosporangium yamadae
Helminthosporium oryzae
Hendersonia paeoniae
Heterodera cacti
Hypoxyylon marginatum
Macrophomina phaseolina
Melanospora zamiae
Meliola citricola
Meloidogyne hapla
Meloidogyne javanica
Memnoniella echinata
Mycosphaerella hondai
Mycosphaerella schoenoprasii
Mycosphaerella tassiana
Neovossia horrida
Nigrospora sphaerica
Ochropsora kraunkiae
Papulaspora parasitica
Pestalotia bicolor
Pestalotia funerea
Pestalotia peregrina
Pezizella lythri
Phaeosphaeria oryzae
Phlyctaea ranunculacearum
Phoma ardisiae
Phoma citricarpa
Pseudomonas marginata
Puccinia chrysanthemi
Puccinia horiana
Puccinia rubigo-vera var. *tritici*
Sclerotopsis testudinea
Septoria azaleae
Septoria chrysanthemi
Sphaceloma fawcetti
Thielaviopsis basicola
Tritirachium dependens
Uromyces coronatus
Uromyces lespedezae-procumbentis
Uromyces phaseoli
Ustilago esculenta
Xanthomonas citri

KENYA:

Botryosphaeria ribis
Cerebella andropogonis

KORROR ISLAND:

Epicoecum cocos
Xanthomonas citri

LEBANON:

Taphrina deformans

LUXEMBOURG:

Heterodera rostochiensis

MADAGASCAR:

Cerebella andropogonis

MAJORCA ISLAND:

Heterodera cacti

MALTA:

Heterodera cacti

MARIANAS:

Xanthomonas citri

MEXICO:

Aecidium mozinnae
Aschersonia alejrodis
Ascochyta hesperidearum
Asperisporium caricae
Botrytis gladiolorum
Catacauma sabal (?)
Cercospora coffeicola
Cercospora musae
Cercospora oryzae
Cercospora purpurea
Chaetomella atra
Coleosporium dahliae
Colletotrichum agaves
Colletotrichum erythrinae
Colletotrichum graminicolum
Colletotrichum philodendri
Coniothecium chomatoporum
Coniothyrium stanhopae
Coryneum carpophilum
Didymium minus
Didymium ananassae
Diplodia paraphysaria
Entyloma oryzae
Ezosprium cactivorum
Fusarium diversisporum
Fusarium oxysporum f. *cepae*
Fusarium oxysporum f. *gladioli*
Fusicladium dendriticum
Gloeosporium philodendri
Glomerella cincta
Helminthosporium oryzae
Hendersonia citri
Hendersonia epidendri
Heterodera avenae
Heterodera cacti
Heterodera punctata
Heterodera rostochiensis
Heterosporium avenae (?)
Heterosporium echinulatum
Hypopectria aureo-nitens
Leptosphaeria opuntiae
Leptosphaeria sacchari
Macrophoma musae
Meliola citricola
Mycosphaerella advena
Mycosphaerella coffeicola
Neofabra maticorticis
Nigrospora sacchari
Omphalia flava
Ophiostoma fici
Pestalotia funerea
Pestalotia palmarum
Phoma psidii
Phomopsis capsici
Phyllosticta cacti
Phyllosticta laeliae
Pseudomonas marginata
Pseudopeziza medicaginis
Puccinia anomala
Puccinia baccharidis
Puccinia chrysanthemi
Puccinia graminis var. *avenae*
Puccinia stakmanii
Puccinia versicolor (?)
Septoria carrubi (?)
Septoria chrysanthemi
Septoria guembe (?)
Sphaceloma fawcetti
Sphaceloma mangiferae

Countries of Origin and Diseases—Continued

MEXICO—Continued

Sphaceloma puniceae
Stachylidium theobromae
Stagonospora macrospora
Typosporium stelligerum
Tylenchus altii
Uredo behnickiana
Uredo monsterae
Uredo scabies (?)
Uromyces leptodermus

MOROCCO:

Puccinia glutarum

MOZAMBIQUE:

Phoma citricarpa

NATAL:

Colletotrichum graminicolum

NETHERLANDS:

Ascochyta magnoliae
Botryosphaeria ribis
Botrytis gladiolorum
Cercospora handelii
Cercospora rhododendri
Ceuthospora lunata
Chaetomium contortum
Coniothyrium cytisellum
Coniothyrium hellebori
Coniothyrium viburni
Cylindrocarpon candidum var. *minus*
Dasyscypha virginea
Diplodina rostrupii
Ditylenchus sp. (undescribed)
Erobiasidium vaccinii
Fusarium oxysporum f. *gladioli*
Fusicladium pirinum
Fusicladium pyracanthae
Gymnosporangium sabiniae
Heterodera avenae
Heterodera punctata
Heterodera rostochiensis
Leptosphaeria heterospora
Macrophoma candollei
Mycosphaerella fragariae
Nectria galligena
Pestalotia rhododendri
Phomopsis ambigua
Phyllosticta limbalis
Phyllosticta rhododendri
Pseudomonas marginata
Puccinia coronata
Septoria azaleae
Sporonema oxycoeci (?)
Stromatinia gladioli (?)
Thielaviopsis basicola
Ustilago grandis
Volvetella buxi
Volvetella pachysandricola

NEW ZEALAND:

Colletotrichum lilacearum
Leptosphaeria heterospora
Mycosphaerella pomi
Puccinia chrysanthemi
Sphaceloma fauettii
Sphaceloma fauettii var. *scabiosa*

NICARAGUA:

Helminthosporium oryzae
Leptosphaeria oryzae
Phaeoseptoria oryzae

NORWAY

Heterodera punctata
Mycosphaerella brassicicola
Mycosphaerella pomi
Oospora pustulans
Thecopsora areolata

OKINAWA:

Colletotrichum lilacearum

PANAMA:

Macrophoma musae
Phomopsis coccos

PARAGUAY:

Elsinoe australis

PERU:

Heterodera leptonepia
Heterodera rostochiensis

PHILIPPINES:

Coniothecium chomatoporum
Helminthosporium oryzae
Phoma citricarpa
Phomopsis coccos

PHILIPPINES—Continued

Puccinia kusanoi
Xanthomonas citri

PORTUGAL:

Cephalosporium roseum
Fusicladium eriobotryae
Monilinia laxa

PUERTO RICO:

Cerospora musae
Cordana musae
Elsinoe phaseoli
Sphaceloma mangiferae

SAIPAN:

Xanthomonas citri

SALVADOR:

Cercospora centrosema

SCOTLAND:

Heterodera avenae
Heterodera punctata

SIERRA LEONE:

Helminthosporium oryzae

SOUTH PACIFIC:

Cytospora palmarum (?)

SPAIN:

Fusicladium pirinum
Heterodera avenae
Monilinia fructigena
Phoma citricarpa
Pleospora herbarum
Pseudomonas maculicola (?)
Puccinia graminis var. *tritici*
Septoria citri

SWEDEN:

Heterodera avenae
Heterodera punctata
Mycosphaerella pomi
Physalospora obtusa
Puccinia graminis var. *tritici*

SWITZERLAND:

Chrysomya rhododendri
Heterodera cacti
Meloidogyne javanica

TAHITI:

Coniosporium palmicola
Fusarium lateritium

TANGANYIKA:

Cerebella andropogonis
Sphacelotheca ischaemi

THAILAND:

Fusarium juruanum
Meliola citricola
Mycosphaerella cypripedii
Phyllosticta laeliae

TRINIDAD:

Cercospora musae
Cloesporium cinctum
Uredo nigropunctata (?)

TRUK ISLAND:

Epicoccum cocos
Xanthomonas citri

TURKEY:

Ascochyta hesperidearum
Ascochyta trigonellae
Cymadothea trifolii
Leptosphaeria heterospora
Macrophomina phaseolina
Monilinia fructigena
Nigrospora sphaerica
Pseudopeziza medicaginis
Pseudopeziza trifolii
Puccinia aeluropi
Puccinia vagans
Selenophoma donacis var. *stomaticola*
Tilletia elmyi (?)
Tilletia panicis (?)
Uromyces striatus var. *medicaginis*
Ustilago bullata
Ustilago penniseti var. *tonkinensis*

UNION OF SOUTH AFRICA:

Heterodera avenae
Heterosporium ornithogali
Macrophomina phaseolina
Phoma citricarpa
Phoma timoni (?)
Phoma rigida (?)
Physalosporina sutherlandiae
Puccinia kalchbrenneriana
Puccinia ornithogali-thyrsoides

Countries of Origin and Diseases—Continued

UNION OF SOUTH AFRICA—Continued

Puccinia penniseti (?)
Puccinia tetragonia var. *austroafricana*
Septoria citri
Sphaerella hyphiseda
Tritirachium dependens

UNKNOWN:

Xanthomonas citri

URUGUAY:

Colletotrichum graminicolum
Elsinoe australis
Fusarium gramineum
Puccinia hydrocotyles

VENEZUELA:

Diplodia paraphysaria

WALES:

Heterodera rostochiensis

WALES (?):

Heterodera avenae

YAP ISLAND:

Epicoccum cocos

Mycosphaerella palmarum

YUGOSLAVIA:

Heterodera avenae

Phoma eriophorum (?)

UNITED STATES DEPARTMENT OF AGRICULTURE

AGRICULTURAL RESEARCH SERVICE

PLANT QUARANTINE BRANCH

SERVICE AND REGULATORY ANNOUNCEMENTS

LIST OF INTERCEPTED PLANT PESTS, 1954

(List of Pests Recorded from July 1, 1953, through June 30, 1954 as Intercepted in, on, or with Plants and Plant Products Entering United States Territory)

Compiled by

JUDITH HUNT

Plant Quarantine Aid

INTRODUCTION

This report, covering the forty-first year for which interception lists have been issued, summarizes the records of insect pests, plant pathogens, and certain other organisms found in, on, or with plant products (1) imported, (2) offered for but refused entry, (3) held as ships' stores, etc., and hence not offered for entry through customs, (4) offered for entry for immediate transportation and exportation in bond, and (5) in domestic shipments between the American Virgin Islands, Hawaii, and Puerto Rico and the mainland.

Comprising this list are insects and plant diseases of known or potential plant quarantine significance to the United States. Many diseases of particular interest are included even though they are found of general or of limited distribution in the United States. The latter pathogens are the interceptions which are either (1) new to the country of origin, or (2) new to the host plant, or (3) are of such limited distribution in the United States that they are worthy of mention.

Some collections made late in the year are included in the report for the following year, since determinations cannot be obtained immediately for all of them. Occasionally determinations are delayed for longer periods. The data for this list were obtained from routine reports by personnel of the Plant Quarantine Branch supplemented by information supplied by State and Customs officials. The States of California and Florida maintain staffs of specialists who identify a large proportion of the material collected at their ports. Specialists of the Field Crops Research Branch and the Horticultural Crops Research Branch determine many of the pathogens collected at the ports that are unusual or difficult to identify.

All scientific names are reviewed by appropriate specialists in the Department to assure conformance to the international rules of nomenclature.

Although every effort is made to give the correct origin for all collections listed, the alleged origin of all host-plant materials cannot be verified. Questionable items are therefore omitted or the origin is listed as unknown.

Since the great increase in air-cargo transportation, a proportionally larger number of importations of various plants, plant products, seeds, fruits, rhizomes, corms, and bulbs arrive rapidly from all parts of the world. The golden nematode, oat nematode, and fruit flies are included in the category of the more important pests taken from this source.

INTERCEPTIONS FROM AIR-BORNE MATERIAL

Increasingly frequent interceptions of important air-borne plant pests, unknown to this country, were made during the year. Some of the most injurious insects, nematodes, and plant diseases intercepted arrived in, on, or with air-borne fruits and plant material. During the year 3,145 interceptions of insects and 507 interceptions of plant diseases were made in baggage, express, freight, mail, and stores on imported plant parts.

Some important insects intercepted with air-borne material were:

Adoxophyes orana on cut flowers of lilac in baggage and cargo from the Netherlands.

The citrus blackfly (*Aleurocanthus woglumi*) on *Citrus* sp. leaf in baggage and on a lime leaf in cargo from Mexico.

Anastrepha fraterculus (?) in cherimoya in baggage from Colombia and Peru.

The Mexican fruit fly (*Anastrepha ludens*) in orange in baggage from Guatemala and Mexico, in mango in baggage from Mexico, and in orange in stores from Mexico.

The West Indian fruit fly (*Anastrepha mombinpraeoptans*) in *Annona* sp. in baggage from Costa Rica, in guava in baggage from Costa Rica, Dominican Republic, and Salvador, in guava in mail from Puerto Rico, in mango in baggage from the Bahamas, Costa Rica, Cuba, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Puerto Rico, and Salvador, and in yellow mombin in baggage from Guatemala, Nicaragua, and Salvador.

Anastrepha serpentina in sapodilla in baggage from Mexico, in sapodilla in quarters from South America; *A. serpentina* (?) in sapodilla in baggage from Nicaragua.

Anastrepha suspensa in guava in baggage from Cuba.

Apion carduorum in globe artichoke in baggage from Italy.

Bruchus ervi in lentils in baggage from Italy and in lentils in mail from Syria.

Carposina sasakii in apple in stores from Japan.

The Mediterranean fruit fly (*Ceratitis capitata*) in apricot in baggage from Italy, in avocado in baggage from Hawaii, in coffee berries in baggage from Brazil, in coffee berries in preflight inspection of baggage leaving Hawaii for the mainland, in grapefruit in baggage from Israel, in guava in baggage from the Azores, in Mandarin orange in baggage from Hawaii, in Mandarin orange in stores from Italy and Portugal, in mango in preflight inspection of baggage leaving Hawaii for the mainland, in nectarine and peach in baggage from Italy, in quince in baggage from Argentina, in orange in baggage from Spain, in orange in stores from Italy. *C. capitata* (?) in apricot in baggage from Portugal, in *Crataegus* sp. in baggage from Italy, in fig in baggage from Greece and the Madeira Islands, in guava in baggage from Israel and Italy, and in medlar, pricklypear, and quince in baggage from Italy.

The Asiatic rice borer (*Chilo suppressalis*) in rice straw in baggage from Spain.

An adult of the melon fly (*Dacus cucurbitae*) on cut flowers of *Anthurium* sp. in baggage from Hawaii and a larva in tomato in preflight inspection of stores leaving Hawaii for the mainland.

The oriental fruit fly (*Dacus dorsalis*) in guava and Malay-apple in preflight inspection of baggage leaving Hawaii for the mainland; adults of *D. dorsalis* were found on airplanes in preflight inspection of planes leaving Hawaii for the mainland; *D. dorsalis* (?) in avocado and India-almond in preflight inspection of baggage leaving Hawaii for the mainland, in santol in baggage from the Philippines.

The olive fly (*Dacus oleae*) in olive in baggage from Egypt, Italy, and Lebanon.

The Tahitian coconut weevil (*Diocalandra taitensis*) in coconut in preflight inspection of baggage leaving Hawaii for the mainland.

Laspeyresia splendana in chestnut in baggage from Greece.

A bean pod borer, *Maruca testulalis*, on mauna loa lei in preflight inspection of baggage leaving Hawaii for the mainland, in string beans in stores from India, and in string beans in preflight inspection of baggage leaving Puerto Rico for the mainland.

Adults of *Nephotettix apicalis* on airplanes from the Philippines.

The pink bollworm (*Pectinophora gossypiella*) in cottonseed in baggage from Egypt and in okra in preflight inspection of baggage leaving Puerto Rico for the mainland.

Polychrosis botrana in grapes in baggage from Greece and Spain and in grapes in stores from France.

Rhagoletis cerasi in cherry in baggage from Austria, Germany, Portugal, and Spain, in cherry in stores from Belgium, England, France, and Italy; *R. cerasi* (?) in cherry in baggage from the Azores and the Netherlands and in cherry in stores from Switzerland.

The apple maggot (*Rhagoletis pomonella*) in apple in baggage from Mexico.

An avocado moth, *Stenoma catenifer*, in avocado in baggage from Brazil.

A mango weevil, *Sternonchetus mangiferae*, in mango in baggage from India and in preflight inspection of baggage leaving Hawaii for the mainland.

Interceptions of air-borne plant pathogens not believed to be established in the United States or of limited distribution were:

Chrysomyxa rhododendri on rhododendron in baggage and cargo from Austria and in mail and quarters from Switzerland.

Cryptospora longispora on Norfolk-Island-pine seed in mail from Norfolk Island.

Fusicladium eribotryae on loquat in baggage from the Azores.

Kuehneola japonica on rose in baggage from Japan.

Phoma citricarpa on lemon in stores from Australia and New Zealand, on Mandarin orange in baggage from China, on orange peel from an unknown origin, and on citrus peel in baggage from China and Hawaii.

Phyllosticta micrococcoides (?) on lemon in baggage from Thailand.

Puccinia belamcandae on leaf of *Belamcanda* sp. in cargo from India; *P. horriana* on *Sphenanthemum* in baggage, quarters, and stores from Japan.

Sphenospora kevorkianii on *Stelis* sp., an orchid, in express from Trinidad.

Uredo gynandrearum (?) on an orchid leaf in cargo from the Canal Zone.

The following nematodes were also found in the air-borne material:

The oat nematode (*Heterodera avenae*) in soil with holly seedlings in baggage from Ireland.

The golden nematode (*Heterodera rostochiensis*) in soil with horseradish in mail from Denmark, in soil with chrysanthemum, gaillardia, and primrose plants in baggage from Germany, in soil with lily and privet plants in baggage from England.

Heterodera punctata in soil with *Cymbidium* sp., an orchid, plants in cargo and mail from England, in soil with an unidentified plant in baggage from England.

NOTES ON INSECTS INTERCEPTED

FRUIT FLIES

The following fruit flies were intercepted:

Anastrepha fraterculus in orange in stores from Brazil and in peach in baggage from Mexico; *A. fraterculus* (?) in cherimoyas in air baggage from Colombia and Peru, in mango in stores from Chile, and in orange in quarters from Brazil.

The Mexican fruit fly (*Anastrepha ludens*) in grapefruit in baggage, quarters, and stores from Mexico, in mango in baggage and air baggage from Mexico, in oranges in baggage and air baggage from Guatemala and Mexico, in oranges in quarters, stores, and air stores from Mexico, in orange in air stores from an unknown origin, in pomegranate, quince, and sweet lime in baggage from Mexico, 127 larvae were found on the floor of a refrigerator car from Mexico; *A. ludens* (?) in mango and orange in baggage from Mexico and in orange in air baggage from Mexico.

The West Indian fruit fly (*Anastrepha mombinpraeoptans*) in guavas in air baggage from Costa Rica, Dominican Republic, and Salvador, in guava in air mail from Puerto Rico, in mangoes in baggage from Cuba, Guatemala, Honduras, Mexico, Panama, Puerto Rico, and Trinidad (?), in mangoes in air baggage from the Bahamas, Costa Rica, Cuba, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Puerto Rico, and Salvador, in mangoes in cargo from Cuba, Dominica,

Mexico, and Puerto Rico, in mangoes in quarters from Guatemala, Honduras, Mexico, Panama, and Puerto Rico, in mangoes in stores from the Dominican Republic, Jamaica, and Nicaragua, and in mango in air stores from Jamaica, in yellow mombin in baggage from Mexico, in yellow mombins in air baggage from Guatemala, Nicaragua, and Salvador, and in yellow mombin in air mail from Nicaragua. *A. mombinpraeoptans* (?) in mango in quarters from Panama.

Anastrepha serpentina in mamey in baggage from Mexico, in sapodillas in air baggage and stores from Mexico, in sapodilla in air quarters from South America; *A. serpentina* (?) in sapodilla in air baggage from Nicaragua.

Anastrepha striata in guava in baggage from Mexico.

Anastrepha suspensa in guava in air baggage from Cuba.

The Mediterranean fruit fly (*Ceratitis capitata*) in apple in baggage from Italy, in apple in stores from Spain, in apricots in air baggage from Italy, in apricot in stores from Portugal, in avocado in preflight inspection of air baggage leaving Hawaii for the mainland, in coffee berries in air baggage and mail from Brazil, in coffee berries in baggage from Hawaii, in coffee berries in preflight inspection of baggage leaving Hawaii for the mainland, in coffee berries found in mail leaving Hawaii for the mainland, in grapefruit in air baggage from Israel, in grapefruit in stores from the Canary Islands and Egypt, in guava in air baggage from the Azores, in guava in stores from the Union of South Africa, in lemon in baggage from Italy, in Mandarin oranges in stores from Algeria and Portugal, in Mandarin orange in preflight inspection of baggage leaving Hawaii for the mainland, in Mandarin oranges in baggage and air stores from Italy, in Mandarin orange in air stores from Portugal, in mango in preflight inspection of baggage leaving Hawaii for the mainland, in orange in baggage from Brazil, in oranges in stores from the Canary Islands and Portugal, in oranges in baggage, air baggage, and air stores from Italy, in oranges in air baggage and quarters from Spain, in nectarine and peach in air baggage from Italy, in pear in quarters from Spain, in pepper in stores from Hawaii, in pricklypear in baggage from Italy, in quince in air baggage from Argentina, in quince in cargo from Greece. *C. capitata* (?) in apricot in air baggage from Portugal, in coffee berries in air baggage from Brazil, in coffee berries in baggage from Hawaii, in coffee berries in preflight inspection of baggage leaving Hawaii for the mainland, in coffee berries found in inspection of mail leaving Hawaii for the mainland, in *Crataegus* sp. in air baggage from Italy, in fig in air baggage from Greece, in fig in baggage from the Madeira Islands, in grapefruit in stores from Brazil, Italy, and Spain, in guava in air baggage from Israel and Italy, in Mandarin orange in stores from Lebanon, in medlar in air baggage from Italy, in oranges in stores from Algeria and Argentina, in orange in baggage from Italy, in pricklypears in baggage and air baggage from Italy, in quince in air baggage from Italy, and in sorbe apple in baggage from Italy.

The melon fly (*Dacus cucurbitae*) with cut flowers of anthurium in preflight inspection of baggage leaving Hawaii for the mainland, in bell pepper, pepper, cucumber, pumpkin, and tomato in stores from Hawaii, in string beans in mail leaving Hawaii for the mainland; *D. cucurbitae* (?) in cucumber in stores from Hawaii.

The oriental fruit fly (*Dacus dorsalis*) in avocado, banana, mango, and *Ochrosia elliptica* in baggage from Hawaii, in guava and Malay-apple in preflight inspection of baggage leaving Hawaii for the mainland, in mango in mail from Guam, in mango and peach in mail leaving Hawaii for the mainland, 4 adults of *D. dorsalis* were found in preflight inspection of airplanes leaving Hawaii for the mainland; *D. dorsalis* (?) in avocado and India-almond in preflight inspection of baggage leaving Hawaii for the mainland, in grapefruit in stores from Ceylon, and in santol in air baggage from the Philippines.

The olive fruit fly (*Dacus oleae*) in olives in baggage and stores from Italy, in olive in baggage from Greece, in olives in air baggage from Egypt, Italy, and Lebanon; *D. oleae* (?) in olive in stores from Italy.

Rhagoletis cerasi in cherries in air baggage from Austria, Germany, Italy, Portugal, and Spain, in cherries in baggage from Germany and Italy, in cherries in air stores from Belgium, England, France, and Italy, in cherries in air quarters from Italy; *R. cerasi* (?) in apple in air baggage from the Azores, in cherry in air baggage from the Netherlands, in cherries in air stores from England, France, and Switzerland.

Rhagoletis juglandis (?) in black walnut in baggage from Mexico.

The apple maggot (*Rhagoletis pomonella*) in apples in baggage and air baggage from Mexico, in apple in mail from Canada; *R. pomonella* (?) in thornapple in baggage from Mexico.

INSECTS OTHER THAN FRUIT FLIES

The following miscellaneous insects of interest were intercepted:

Adoxophyes orana (Tortricidae) on cut flowers of lilac in air baggage and air cargo from the Netherlands.

The citrus blackfly (*Aleurocanthus woglumi*) on leaves of *Citrus* sp. in baggage and air baggage from Mexico, on grapefruit leaf in baggage from Mexico, on lime leaves in air baggage, cargo, air cargo and quarters from Mexico, on sour lime leaves in cargo and stores from Mexico, and on orange leaves in baggage and cargo from Mexico.

A curculionid, *Baris lepidii*, in horseradish in cargo from Germany, Poland, and Yugoslavia.

Brachycerus albidentatus (Curculionidae) in garlic in baggage and stores from Italy.

Brachycerus algirus in garlic in baggage and cargo from Italy and in garlic in cargo and stores from Spain.

A bruchid, *Bruchidius incarnatus*, in broadbean in baggage from Egypt and Lebanon and in vetch seed in cargo from Italy.

Cacographis osteolalis (Schoenobiidae) "very interesting material, genus and species not represented by larvae in the National Museum collection prior to this material; also first record for its food plant", in roots of *Colocasia* sp. in cargo from Mexico.

Carposina sasakii (Carposinidae) in apple in air stores from Japan.

A coccid, *Ceroplastes sinensis*, on budwood of grapefruit in mail from Morocco.

Cryptoblabes gnidiella (Phycitidae) in *Caryota* sp. in air baggage from Brazil, with grapes in air baggage from Italy, on loquat in air baggage from Bermuda, in orange in air stores from Spain, in pomegranate in baggage and cargo from Greece, in pomegranate in baggage from Italy, in pomegranate in air baggage from Libya, in pomegranate in stores from Portugal, in pomegranate in cargo from Spain, and in Mandarin orange in air stores from the Azores.

Cylas formicarius, possibly subspecies *formicarius*, in sweetpotato in cargo (food for monkeys) from India.

Cylas puncticollis in sweetpotato in stores from British West Africa and Nigeria.

Dendrothrips ornatus (Thripidae) on lilac leafbud in cargo from the Netherlands.

Dyspessa ulula (Cossidae) in garlic in cargo from Hungary, Italy, and Morocco.

Gortyna flavago (Phalaenidae) in globe artichoke in stores from Algeria and Italy.

An avocado weevil, *Heilipus lauri*, in avocado in mail from Mexico.

Heterotermes convexinotatus, a termite, very destructive to buildings, in jicama in baggage from Mexico, in a log in cargo from Colombia, and on an orchid root in baggage from Panama.

A curculionid, *Listroderes subcinctus*, with grapes in cargo from Chile.

Megacerus leucosomus (Bruchidae), an interesting species and new to the collection in the National Museum, in tree morning-glory seed in mail from Mexico and in seed of *Rivea corymbosa* in mail and *Rivea* sp. seed in express from Mexico.

A cicadellid, *Nephotettix apicalis*, in an airplane from the Philippines.

Phalonia zephyrana (Phaloniidae) a so-called carrot stem borer, in carrots in stores from Algeria and Trieste.

A curculionid, *Phlyctinus callosus*, with grapes in cargo from the Union of South Africa.

A chrysomelid, *Phyllotreta vittula*, on watercress in stores from France.

Polychrosis botrana (Olethreutidae) in grapes in air baggage from Greece and Spain and in grapes in air stores from France.

Prays oleellus (Hyponomeutidae) with olives in air baggage from Italy.

Sesamia cretica (Phalaenidae) in broomcorn in cargo from Greece and in broomcorn in cargo and mail from Italy.

A bostriichid, *Sinoxylon anale*, in a wooden case in cargo from Pakistan and with amaryllis in cargo from Japan.

SNAILS

The giant African snail (*Achatina fulica*) was reported three times during the year with scrap metal coming from the Caroline Islands and Guam. Two of these interceptions were made at San Pedro, Calif., and one at Baltimore, Md.

Other injurious snails intercepted and not known to be in the United States or of limited distribution were:

Bradybaena similaris with *Anthurium* sp. (leaves) and tree fern in preflight inspection of mail leaving Hawaii for the mainland, with plant foliage, ti leaves,

and Vanda Miss Jocquim, an orchid, in preflight inspection of air cargo leaving Hawaii for the mainland; at Miami, Fla., with miscellaneous plants in air baggage from Jamaica.

Deroceras reticulatum at San Juan, P. R., with asters (cut flowers) in air cargo from Haiti and with cabbage in stores from Spain; at New Orleans, La., with cabbage in stores from Argentina; at Philadelphia, Pa., with cabbage in stores from Belgium; at Savannah, Ga., with cabbage in stores from Belgium and Brazil; at New York, N. Y., with endive in cargo from Belgium, with grapes in baggage from England, with soil with hydrangea plants in air baggage from Iceland, in soil with cedar seedlings in baggage from Canada, with unidentified plants in baggage from Wales, and with turnips in stores from Northern Ireland; at Philadelphia, Pa., with leek in stores from England; at Honolulu, Hawaii with parsley in air stores from Australia and with yam bean in preflight inspection of mail leaving Hawaii for the mainland.

Limax marginatus at New Orleans, La., with cabbage in stores from the Netherlands.

Limax maximus at New York, N. Y., with radishes in air baggage from Lebanon; at Seattle, Wash., in soil with dwarf pine in baggage from Japan.

Theba pisana at Philadelphia, Pa., with lettuce in stores from France and with bales of cork in cargo from Morocco; at New York, N. Y., with bales of cork in cargo from Morocco.

NOTES ON DISEASES INTERCEPTED

Japan continues to be the origin of the greatest number of interceptions (72) of citrus canker (*Xanthomonas citri*), 35 of which were on oranges, 15 on grapefruit, 13 on lemons, 4 on sour oranges, 2 on Mandarin oranges, one each on sour lime, *Citrus* sp. ("summer orange"), and *Citrus ichangensis* var. (yazu.). Seven interceptions came from China, 4 on Mandarin orange and 3 on orange peel. India furnished 5 interceptions, all on sour limes while the Philippines contributed one on lemon and one on orange. One came from Formosa on pummelo, 1 from Guam on lime, 1 from Java on sour lime, and 1 from Thailand on grapefruit.

"Cancrosis B" (*Xanthomonas* sp. (?)), another bacterial disease of citrus, producing symptoms similar to citrus canker, was intercepted three times on lemons from Argentina.

The sweet orange scab (*Elsinoe australis*) was intercepted 62 times. Of these interceptions 38 were from Brazil on lemon, orange, sour lime, and sour orange; 21 from Argentina on lemon, Mandarin orange, and orange; 2 from Uruguay on orange; and 1 from Paraguay on grapefruit.

Other interceptions were:

Dasyscypha virginea on rhododendron in cargo from the Netherlands.

Elsinoe phaseoli on lima beans in air baggage from Puerto Rico.

Fusicladium depressum on fennel in stores from Italy.

Guignardia traversi on *Stanhopea* sp., an orchid, in cargo from Mexico.

Myiocopron orchidearum on an orchid stem in baggage from Mexico.

Oospora microcarpa on stem of *Chamaecyparis* sp. from the Netherlands.

Phoma araucariae on Norfolk-Island-pine seed in mail from Australia; *P. sabdariffae* on kenaf hibiscus in cargo from Cuba.

Phyllachora cynodontis on Bermuda grass in mail from Spain; *P. orbicula* on bamboo leaf in cargo from China.

Phyllosticta micrococcoides (?) on lemon in air baggage from Thailand; *P. ruscicola* on *Ruscus* sp. in cargo from Italy.

Pleospora gigantea on *Agave* sp. in baggage from Mexico.

Puccinia belamcandae on *Belamcanda* sp. leaf in air cargo from India; *P. horriana* on chrysanthemums in air baggage, air quarters, and air stores from Japan; *P. ornithogali-thyrsoides* on chinkerichie in cargo and mail from the Union of South Africa.

Pyrenochaeta terrestris on primrose in cargo from the Netherlands.

Sclerotopsis testudinea on tree peony in mail from Japan.

Sphenospora kevorkianii on *Stelis* sp., an orchid, in air express from Trinidad.

Taphrina bullata (?) on Japanese flowering cherry in cargo from Japan.

Tolyposporium ehrenbergii on sorghum seed in mail from India.

Uredo gynandrearum (?) on an orchid leaf in air cargo from the Canal Zone.

Urocystis gladiolicola on gladiolus in mail from the Netherlands.

Uromyces alyxiae on maile leaf in mail from Hawaii.

The oat nematode (*Heterodera avenae*) was intercepted 32 times. Nine of these came from Germany, 6 from Italy, 4 from the Netherlands, 3 from Denmark, 2 each from England and Japan, and 1 each from Canada, Ireland, Mexico (?), Scotland, Spain, and Sweden. These interceptions were made from soil with bagging, with plant material for propagation, with cargo shipments of vegetables and with vegetables in ships' stores.

The golden nematode (*Heterodera rostochiensis*) was intercepted 94 times. Twenty-seven of these came from Germany, 26 from England, 16 from Scotland, 8 from Mexico, 5 from Peru, 3 from Ireland, 2 each from Argentina and Denmark, and 1 each from Belgium, the Netherlands, Northern Ireland, Poland and an unknown origin. Twelve of these interceptions were taken with soil on potatoes, its normal host, while others were taken with soil on bagging; soil with vegetables in baggage, cargo, and mail; in soil with bulbs in baggage, cargo, and mail for propagation; in plant material in baggage and mail for propagation; in soil with plant material in ships' furnishings and quarters; and in soil on a used truck.

Another intercepted nematode of interest, not known to be established in the United States is:

Ditylenchus hyacinthi on paper white narcissus bulbs in cargo from France.

INCOMPLETELY DETERMINED PESTS

Frequently inspectors find insects, nematodes, or pathogens affecting plant material in such a stage or condition that complete or accurate determination is impracticable or impossible. Some of these pests may be of economic importance, or new to the host or to the country of origin, or hitherto unknown in the United States.

INSECTS

Among the incompletely determined insects were the following fruit flies: *Anastrepha* sp., possibly *fraterculus*, at Jacksonville, Fla., in grapefruit in stores from Trinidad; at Miami, Fla., in mango in air baggage from Colombia; at New York, N. Y., in peach in air baggage from an unknown origin; at San Juan, P. R., in sapodilla in air baggage from the Dominican Republic.

Anastrepha sp., probably *ludens*, at Brownsville, Tex., in mamey sapote in stores from Mexico; at El Paso, Tex., in mango in baggage from Mexico; at Galveston, Tex., in oranges in quarters and stores from Mexico; at Houston, Tex., in grapefruit in quarters and stores from Mexico and in mango in air baggage from Mexico; at Laredo, Tex., in grapefruit, mango, orange, and pear in baggage from Mexico; at Nogales, Ariz., in mango in baggage from Mexico; at San Ysidro, Calif., in mango and orange in baggage from Mexico.

Anastrepha sp., probably *mombinpraeoptans*, at Charlotte Amalie, St. Thomas in guava in cargo from Tortola; at Miami, Fla., in guava in air mail from Puerto Rico; at Mobile, Ala., in mango in ship's garbage from Trinidad; at New York, N. Y., in mango in baggage from Colombia; at San Juan, P. R., in mango in air baggage from the Dominican Republic.

Anastrepha sp., probably *serpentina*, at Mobile, Ala., in orange in quarters from Netherlands Guiana; at New York, N. Y., in orange in stores from Brazil; at San Juan, P. R., in sapodilla in air baggage from Trinidad.

Anastrepha sp. at Baltimore, Md., in orange in stores from Brazil; at Brownsville, Tex., in *Spondias* sp. in stores from Mexico; at Galveston, Tex., in mamey and mango in baggage from Cuba (?) and in sapote in quarters from Mexico; at Hidalgo, Tex., in mango in baggage from Mexico; at Jacksonville, Fla., in grapefruit in air stores from Trinidad; at Laredo, Tex., in mango and quince in baggage from Mexico; at Miami, Fla., in guavas in air baggage from Costa Rica and Honduras, in hog plum in air baggage from Costa Rica, in mangoes in air baggage from Colombia, Ecuador, and Mexico, in oranges in air baggage and air stores from Colombia; at New York, N. Y., in cactus fruit in air stores from Colombia, in mangoes in air baggage from the Bahamas and Jamaica, in pricklypear in air stores from Colombia; at Norfolk, Va., in orange in air quarters from Trinidad; at Christiansted, St. Croix in guava berry in cargo from Tortola; at San Juan, P. R., in mango in air baggage from the Dominican Republic; at San Pedro, Calif., in guava in air baggage from Nicaragua.

Rhagoletis sp., either *completa* Cresson or *boycei* Cresson, at Hidalgo, Tex. and Nogales, Ariz., in black walnut in baggage from Mexico.

Rhagoletis sp., possibly *pomonella* (Walsh), in crab apple in baggage from Mexico.

Rhagoletis sp., in thornapple in baggage from Mexico.

Thirty-eight interceptions, identified to family only (Tephritidae), were intercepted at the following ports: At Baltimore, Md., in vegetable marrow in stores from the Union of South Africa; at Boston, Mass., in grapefruit in stores from the Union of South Africa, in persimmon and pricklypear in air baggage from Italy; at Brownsville, Tex., in caladium root in cargo from Mexico; at Eagle Pass, Tex., in apple in baggage from Mexico; at El Paso, Tex., in mango and thornapple in baggage from Mexico; at Galveston, Tex., in grapefruit in stores from Brazil; at Honolulu, Hawaii in purple granadilla in preflight inspection of baggage leaving Hawaii for the mainland, in mango in air baggage from the Philippines, in coffee berry in mail leaving Hawaii for the mainland, in persimmon in air baggage from Australia, and two larvae on the floor of the rear baggage pit of an airplane carrying coconuts, taroes, limes, and papayas from Fiji to Canton Islands; at Houston, Tex., in orange in quarters from Argentina and in tomato in stores from Hawaii; at New York, N. Y., in *Crataegus* sp. in baggage from Italy, in palm fruit in air baggage from Italy, in passionflower in air baggage from Colombia, and one pupa in box containing bay berries and other unidentified berries in air baggage from Italy; at Mobile, Ala., in mango in quarters from Trinidad; at Nogales, Ariz., in Caribe pepper in cargo from Mexico; at Philadelphia, Pa., in cabbage in stores from Egypt, in orange in stores from Peru, and in vegetable marrow in stores from French West Africa; at Port Arthur, Tex., in orange in quarters from the Union of South Africa; at Roma, Tex., in pear in baggage from Mexico; at Seattle, Wash., in mango in mail from Guam and in mango in air baggage from the Philippines; at San Juan, P. R., in apple in air baggage from Brazil and in persimmon in air baggage from Trinidad; at San Pedro, Calif., in apple in stores from England (?) and in coffee berries in air cargo from Colombia; at San Ysidro, Calif., in *Crataegus* sp. in baggage from Mexico; at Washington, D. C., in India jujuba in mail from India.

Other incompletely identified insects worthy of mention were:

Acanthocinus sp., probably *aedilis* (L.) (Cerambycidae), at Mobile, Ala., with debris of pine bark and peat moss in cargo from Germany.

Acanthoscelides sp. (Bruchidae), a new species, at Washington, D. C., in *Hoffmanseggia falcaria* seed in mail from Argentina.

Agrotis sp., may be *lineatus* (F.) (Elateridae), at Hoboken, N. J., in horse-radish roots in cargo from Germany.

Aleurodicus sp. (Aleyrodidae), a new species, at Laredo, Tex., on *Laelia anceps*, an orchid, in cargo from Mexico.

Altica sp., possibly *oleracea* L. (Chrysomelidae), at Chicago, Ill., in forest litter in mail from Germany.

Amblycerus sp., near *pygidialis* (Suff.) (Bruchidae), a new species, at Laredo, Tex., in seeds of *Cordia* sp. in baggage from Mexico.

Aphthona sp., probably *coerulea* (Geoffr.) (Chrysomelidae), at New York, N. Y. with leaves of *Rubus* spp., in air stores from France.

Archips sp., doubtfully *pronubana* (Hbn.) (Tortricidae), at Philadelphia, Pa., in pomegranate in baggage from Yugoslavia.

Ardis sp., probably *brunniventris* (Htg.) (Tenthredinidae), at New York, N. Y., in rose stem in air baggage from Switzerland.

Baris sp. (Curculionidae) at Philadelphia, Pa., in turnip in stores from Italy; at Nogales, Ariz., with chrysanthemums (cut flowers), lettuce, and onions in baggage from Mexico.

Batrachedra sp. (Cosmopterygidae), a new species, at Washington, D. C., in agave plant in mail from Guatemala.

Blaps sp., probably *gigas* (L.) (Tenebrionidae), at New York, N. Y., and Philadelphia, Pa., on bark of cork oak in cargo from Morocco.

Brachyrhinus sp. (Curculionidae) at Hoboken, N. J., with roots of rhododendron in cargo from Belgium.

Callosobruchus sp. (Bruchidae), a new species, at New Orleans, La., in leguminous seed in cargo from Pakistan.

Caryedes sp., near *braziliensis* (Thunb.) (Bruchidae), at Washington, D. C., in *Canavalia* sp. seed in mail from Guatemala.

Cleonus sp. (Curculionidae) at Brownsville, Tex., in carrot in stores from Italy; at Philadelphia, Pa., in carrot in stores from Portugal; at Washington, D. C., with seed of *Nenax microphylla* in mail from the Union of South Africa.

Coccinae (Coccidae), uncertain as to genus, at Hoboken, N. J., on *Crassula alstonii* in air cargo from the Union of South Africa.

Dendarus sp., near *tristis* Rossi (Tenebrionidae), at New York, N. Y., with cork oak bark in cargo from Morocco.

Dicraeus sp., near *longinervis* Beck. (Chloropidae), at Washington, D. C., with seed heads of *Ischaemum brachya therum* in mail from Transvaal.

Epicaerus sp. (Curculionidae) at San Diego, Calif., in potato in stores from Mexico; at Hidalgo and Laredo, Tex., in potatoes in baggage from Mexico; at Brownsville and Houston, Tex., in potatoes in stores from Mexico.

Ereunetis sp., near or = *minuscule* Wlsm. (Tineidae), at San Juan, P. R., in flamboyant seed pod in preflight inspection of baggage leaving Puerto Rico for the mainland.

Eulia sp., near *salubricola* Meyrick (Tortricidae), at New York, N. Y., in nectarine in cargo from Chile.

Eulia sp. at Baltimore, Md., New York, N. Y., and Philadelphia, Pa., in plums in cargo from Chile; at New York, N. Y., in peach in cargo from Chile; at Baltimore, Md. and New York, N. Y., in grapes in cargo from Chile.

Eurychilella sp. (Miridae), a new species, at Brownsville, Tex., with philodendron seedlings in cargo from Mexico.

Galerucella sp., probably *tenella* (L.) (Chrysomelidae), at Hoboken, N. J., on *Chamaecyparis* sp. leaf in cargo from the Netherlands.

Gnorimoschema sp., may be *borsaniella* Koehr. (Gelechiidae), at Philadelphia, Pa., in pepper in stores from Brazil.

Gnorimoschema sp., near or = *ocellatella* Boyd, at Philadelphia, Pa., in beet in stores from Italy.

Gymnandrosoma sp. (Olethreutidae) at Brownsville, Tex., in cacao in baggage from Mexico; at Nogales, Ariz., in guamuchil in baggage from Mexico.

Hepialus sp. (Hepialidae) at New York, N. Y., in horseradish in cargo from Germany.

Laspeyresia sp., probably *grossana* (Haw.) (Olethreutidae), at Norfolk, Va., in valonia cup in cargo from Greece.

Longitarsus sp., probably *parvulus* Payk. (Chrysomelidae), at Seattle, Wash., on rhododendron in cargo from the Netherlands; at Boston, Mass., in sand around cut flowers in furnishings from England; at Norfolk, Va., in soil with celery in stores from the Netherlands.

Mothonica sp. (Stenomidae), presumably undescribed, at Miami, Fla., in palm seed in air cargo from Cuba.

Nasutitermes sp. (Termitidae) at New York, N. Y., in cacao pod in cargo from Costa Rica; at San Pedro, Calif., on an orchid plant in air cargo from Trinidad.

Neoleucon sp. (Miridae), a new species, at Brownsville and Laredo, Tex., with philodendron leaves in cargo from Mexico.

Phyllotreta sp., probably *undulata* Kutsch. (Chrysomelidae), at Newport News, Va., on cabbage in stores from Scotland.

Prays sp. (Hyponomeutidae), at Galveston, Tex., in grapefruit in stores from Indonesia.

Premnotrypes sp. (Curculionidae) at New York, N. Y. in potato in stores from Chile; at Boston, Mass., and Philadelphia, Pa., in potatoes in stores from Peru.

Psylliodes sp. (Chrysomelidae) at Galveston, Tex., in turnip in stores from Belgium; at New York, N. Y. in turnips in stores from Algeria and France; at Philadelphia, Pa., in turnips in stores from England, France, and Portugal; at Port Arthur, Tex., in turnip in stores from Portugal.

Rhynchaenus sp., evidently *populi* (F.) (Curculionidae), at New York, N. Y. on lilac leaf in air cargo from the Netherlands.

Scarabaeid, "a very remarkable larvae", at Mobile, Ala., in soil with hibiscus plants in baggage from Trinidad.

Selenaspis sp., very close to *lounsburyi* Marl. (Coccidae), at Hoboken, N. J., on *Mesembryanthemum cradockense* leaf in mail from the Union of South Africa.

Sesamia sp., near or *nonagrioides* (Lef.) (Phalaenidae), at National Airport, Arlington, Va., in pepper in air stores from Morocco.

Stephanoderes sp. (Scolytidae) at Philadelphia, Pa., in fig cutting in baggage from Italy; at Mobile, Ala., in Leguminosae seed pod and Malvaceae seed pod in mail from Puerto Rico, and in royal poinciana seed pod in quarters from Trinidad; at Port Everglades, Fla., in royal poinciana in air baggage from the Bahamas; at Houston, Tex., with an unknown plant in air cargo from Mexico.

Termatophylloides sp. (Miridae), a new species, at Brownsville, Tex., on an orchid plant in cargo from Mexico.

Tychius sp., probably *flavicollis* Steph. (Curculionidae), at Washington, D. C., in *Lotus* sp. seed pod in mail from Turkey.

There were 1,857 interceptions distributed among 621 genera, which could be identified to genus only.

DISEASES

Pathogens, some probably new to this country, determined to genus only were: *Ascochyta* sp. at El Paso, Tex., on *Cymbidium* sp., an orchid, in air cargo from Mexico; at Hoboken, N. J., on root of *Scabiosa caucasica* vars. in cargo from the Netherlands.

Ceratostomella sp. at Hoboken, N. J., on root of *Davidia involucrata* in cargo from the Netherlands.

Cercospora sp., close to *holarrhenae* Thirum. and Chupp, at Washington, D. C., on leaf of Apocynaceae in mail from India.

Cercospora sp. at Laredo, Tex., on philodendron leaf in cargo from Mexico; at Miami, Fla., on philodendron leaf in air cargo from Colombia; at New Orleans, La., on leaf of *Origanum* sp. in air baggage from Mexico.

Cerebella sp., probably *andropogonis* Ces., at Portland, Oreg., on *Themeda quadrivalis* in mail from India.

Coniothyrium sp. at El Paso, Tex., on cactus plant in baggage from Mexico; at San Antonio, Tex., on solanaceous fruit in air baggage from Mexico.

Corynespora sp., close to *cassicola* (Berk. & Curt.) Wei, at Houston, Tex. on palm frond in air cargo from Mexico.

Diplodina sp. at Hoboken, N. J., on *Leucothoe catesbaei* foliage in cargo from the Netherlands.

Discosia sp., a new species, at Laredo, Tex., on philodendron leaf in cargo from Mexico.

Dothiorella sp. at Philadelphia, Pa., on coconut husk in mail from Panama and on palm in quarters from Japan; at San Francisco, Calif. on *Howea forsteriana* seeds in mail from Australia and on Norfolk-Island-pine seeds in mail for Norfolk Island.

Glomerella sp., probably *cingulata* (Ston.) Spauld. & Schrenk., at Houston, Tex. on palm frond in air cargo from Mexico.

Graphium sp., at Hoboken, N. J., on peony in cargo from Japan.

Guignardia sp., at Philadelphia, Pa., on kenaf hibiscus in cargo from Cuba.

Heterosporium sp., suggesting *variabile* Cke., at El Paso, Tex., on *Cymbidium* sp., an orchid, in air cargo from Mexico.

Mycosphaerella sp., a new species, at Honolulu, Hawaii, on *Odontoglossum pulchellum*, an orchid, in air cargo from Mexico.

Mycosphaerella sp. at Brownsville, Tex., on *Chamaedorea* sp. (?) in baggage from Mexico; at Honolulu, Hawaii, on gladiolus leaf in air quarters from Japan; at Laredo, Tex., on *Epidendrum* sp., an orchid, in cargo from Mexico; at Miami, Fla., on *Epidendrum radicans*, an orchid, in air cargo from Costa Rica.

A fungus, close to *Pedilospora* sp., at San Francisco, Calif., on waternut in cargo from China.

Phomopsis sp., at Brownsville, Tex., on papaya in baggage from Mexico; at San Pedro, Calif. on leaf of *Aechmea* sp. in air cargo from Mexico, on Bromeliaceae leaf in air baggage from Colombia. and on stem of *Monstera deliciosa* in air cargo from Mexico; at Philadelphia, Pa., on kenaf hibiscus stem in cargo from Cuba.

Phyllostictina sp. at Miami, Fla., on Norfolk-Island-pine seed in air mail from Norfolk Island; at San Francisco, Calif., on Norfolk-Island-pine seed in mail from Norfolk Island.

Probably *Plenodomus* sp. at Philadelphia, Pa., on horseradish in stores from Germany.

Puccinia sp., possibly a new species at Nogales, Ariz., on *Tricholaena repens*, a grass, in mail from Mexico.

Pyrenochaeta sp. at Houston, Tex., on palm frond in air cargo from Mexico.

Pythium sp. at Hoboken, N. J., on *Cymbidium* sp., an orchid, in air mail from England.

Sclerotium sp. at San Francisco, Calif., on a caladium bulb in cargo from China; at Seattle, Wash., on *Helleborus* sp. in cargo from the Netherlands.

Septoria sp., undescribed, at Hoboken, N. J., on leaf of *Anthurium* sp. in cargo from Belgium. *Septoria* sp. at Hoboken, N. J., on *Dryas octopetala* in air mail from Switzerland.

Sphenospora sp., undescribed, at Honolulu, Hawaii, on *Oncidium* sp., an orchid, in air cargo from the Dominican Republic.

Stemphylium sp., at New York, N. Y., on cut flowers of gladiolus in air cargo from Israel.

Uredo sp., undescribed, at Miami, Fla., on *Oncidium pulchellum*, an orchid, in air cargo from Jamaica.

Incompletely determined nematodes worthy of mention were:

Aphelenchoides sp. at Honolulu, Hawaii in garlic in cargo from Japan; at Hoboken, N. J., in soil with stems and buds of willow in mail from Greenland.

Ditylenchus sp., undescribed, at New York, N. Y., in hyacinth bulbs in cargo from France and in narcissus bulbs in cargo from France and Italy.

Heterodera sp., possibly *avenae* Eidam, at Boston, Mass., in soil with shamrock plants in mail from Ireland; at El Paso, Tex., in soil with potatoes in railway car from Mexico; at Hoboken, N. J., in soil with unidentified plants in mail from Austria; at New York, N. Y. in soil with used bags in cargo from Scotland, in soil with clematis and daisy plants in baggage from England, and in soil with horseradish in cargo from Germany; at Philadelphia, Pa., in soil with dasheens in stores from Egypt.

Heterodera sp., probably *cacti* Filip. & Schuur. Stek., at Brownsville, Tex., in soil with geranium cuttings in baggage from Mexico; at El Paso, Tex. in soil with plants in baggage from Mexico.

Heterodera sp., probably *schachtii* Schmidt, at Chicago, Ill., in soil with perennial plants and bulbs in mail from Scotland; at San Pedro, Calif., with carrots and potatoes in stores from the Netherlands.

Heterodera sp., possibly a new species, at San Francisco, Calif., in soil with *Allium* sp. (multiplying onion) in baggage from China.

Heterodera sp. was intercepted 600 times at 20 ports of entry in soil attached to automobiles, in soil with old bagging, in soil used as ballast, in soil with plants for propagation, in soil with plant material in baggage, furnishings, mail and quarters, in soil in railway cars carrying potatoes, in soil with vegetables in baggage, cargo, mail, and stores. These interceptions were made on material coming from the following countries: Argentina, Australia, Austria, Azores, Belgium, Brazil, Canada, Chile, China, Colombia, Cyprus, Denmark, Egypt, England, Faroe Islands, Finland, France, Germany, Great Britain, Greece, Ireland, Isle of Capri, Italy, Japan, Latvia, Lebanon, Malta, Mexico, Morocco, Netherlands, New Zealand, Northern Ireland, Norway, Poland, Portugal, Scotland, Spain, Sweden, Switzerland, Tunisia, Turkey, Union of South Africa, Wales, and Yugoslavia.

Meloidogyne sp. at Hoboken, N. J., in roots of *Anemone pulsatilla alba*, *A. sylvestris*, *Cimicifuga foetida simplex*, *Clematis* spp., and *Heliopsis* sp. in cargo from the Netherlands, in *Cestrum* spp. in air cargo from the Union of South Africa, in roots of *Clematis jackmani* and *Clematis* sp. in cargo from Germany, in roots of Delphinium vars. in air cargo from the Netherlands, and in peony root in air mail from England; at Seattle, Wash., in dahlia tuber in cargo from Japan.

Panagrolaimus sp., possibly represents a new species closely related to *rigidus* (A. Schneid.) Thorne, at San Pedro, Calif., in seeds of Norfolk-Island-pine in mail from Australia.

Pratylenchus sp. at Hoboken, N. J., in roots of aster, astilbe, and *Clematis* spp., in cargo from the Netherlands, in roots of clematis in cargo from Germany, in roots of clematis hybrid and delphinium in air cargo from the Netherlands, in roots of *Chrysanthemum maximum* var. in air mail from Scotland, in roots of *Echinacea purpurea* in cargo and mail from the Netherlands, in roots of *Helleborus* spp. in air cargo, air mail and cargo from the Netherlands, in roots of *Kniphofia* sp., phlox, *Primula* spp., *Pulmonaria* spp., *Rudbeckia* sp., *Trollius* sp., and *Veronica spicata erica* in cargo from the Netherlands.

Psilenchus sp. at Hoboken, N. J., in soil with stems and buds of willow in mail from Greenland.

A total of 1,077 incompletely determined pathogens were recorded during the year.

Summary of Numbers of Interceptions Listed in Main Table

Country	Insect	Disease	Country	Insect	Disease
	<i>Number</i>	<i>Number</i>		<i>Number</i>	<i>Number</i>
Africa:			Europe—Continued		
Afghanistan.....	4	6	Scotland.....	8	20
Algeria.....	6	0	Spain.....	39	3
Anglo-Egyptian Sudan.....	0	1	Sweden.....	6	2
Angola.....	1	2	Switzerland.....	2	18
British West Africa.....	1	0	Trieste.....	1	0
Canary Islands.....	2	0	Turkey.....	9	0
Cape Verde Islands.....	2	0	Wales.....	1	1
Egypt.....	11	1	Yugoslavia.....	8	3
French Equatorial Africa.....	2	0	North America:		
French West Africa.....	1	0	Bermuda.....	35	0
Kenya.....	1	0	Canada.....	19	7
Liberia.....	1	0	Canal Zone.....	54	4
Libya.....	1	0	Central America.....	2	0
Madeira Islands.....	1	0	British Honduras.....	6	0
Morocco.....	10	1	Costa Rica.....	16	6
Mozambique.....	1	4	Guatemala.....	16	2
Nigeria.....	6	0	Honduras.....	6	0
Rhodesia.....	5	0	Nicaragua.....	13	0
Senegal.....	1	0	Panama.....	30	1
Sierra Leone.....	1	0	Salvador.....	11	4
Union of South Africa.....	18	13	Iceland.....	1	1
Asia:			Mexico.....	506	122
Burma.....	5	0	Newfoundland.....	1	0
Ceylon.....	1	3	West Indies:		
China.....	7	55	Anguilla.....	1	0
Cyprus.....	2	0	Antigua.....	3	0
Formosa.....	2	4	Bahamas.....	7	2
Hashemite Kingdom of the			Barbados.....	2	0
Jordan.....	0	1	British Virgin Islands.....	1	0
India.....	52	26	British West Indies.....	2	0
Indonesia.....	0	1	Cuba.....	35	3
Iran.....	5	0	Dominica.....	1	0
Iraq.....	1	0	Dominican Republic.....	16	7
Israel.....	4	2	Haiti.....	8	0
Japan.....	117	171	Jamaica.....	42	0
Lebanon.....	16	0	Martinique.....	0	1
Pakistan.....	11	0	Puerto Rico.....	17	8
Syria.....	3	0	St. John.....	1	0
Thailand.....	1	2	St. Kitts.....	2	0
Australasia:			St. Thomas.....	1	0
Australia.....	19	20	St. Vincent.....	1	0
Canton Island.....	1	0	Swan Island.....	2	0
Caroline Islands.....	2	0	Tobago.....	2	0
Eniwetok.....	1	0	Tortola.....	6	0
Fiji Islands.....	10	1	Trinidad.....	24	4
Guam.....	9	10	Virgin Corda.....	3	0
Hawaii.....	273	3	Virgin Islands.....	2	0
Java.....	0	1	South America:		
New Guinea.....	2	2	Argentina.....	9	28
New Zealand.....	1	3	Brazil.....	26	44
Norfolk Island.....	1	13	British Guiana.....	2	0
Philippines.....	21	3	Chile.....	23	1
South Pacific.....	0	1	Colombia.....	17	7
Tahiti.....	0	2	Ecuador.....	10	0
Wake.....	1	0	Netherlands Guiana.....	1	0
Europe:			Paraguay.....	0	1
Austria.....	4	4	Peru.....	4	5
Azores.....	8	4	South America.....	1	1
Belgium.....	35	5	Uruguay.....	0	3
Crete.....	2	0	Venezuela.....	13	2
Czechoslovakia.....	0	1	Total:		
Denmark.....	1	8	Africa.....	76	28
England.....	25	57	Asia.....	227	265
Finland.....	1	0	Australasia.....	341	59
France.....	35	13	Europe.....	514	296
Germany.....	25	54	North America.....	893	172
Greece.....	28	8	South America.....	105	92
Hungary.....	3	0	Unknown.....	5	1
Ireland.....	0	12	Total.....	2,161	913
Italy.....	178	25	Total incompletely de-		
Netherlands.....	70	48	termined pests.....	1,857	1,077
Northern Ireland.....	1	3	Total insect interceptions.....	4,018	-----
Norway.....	0	4	Total disease intercep-		
Poland.....	1	2	tions.....		1,990
Portugal.....	23	1	Grand total.....		16,008

¹ This total represents only pests of known or potential plant-quarantine importance. The total of all interceptions made during the year was 15,910.

NOTE.—Interceptions were also made from Aruba, Bolivia, British East Africa, Curacao, Ethiopia, Faroe Islands, Gibraltar, Gold Coast, Greenland, Isle of Capri, Ivory Coast, Kwajalein, Latvia, Madagascar, Malaysia, Malta, Marshall Islands, Natal, New Caledonia, Okinawa, Orange Free State, St. Barthelemy, St. Lucia, Samoa, Tahiti, Tanganyika, Transvaal, Tunisia, Uganda, and Wake Island.

Pests (insects) collected and reported from July 1, 1953, through June 30, 1954

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Acala schalleriana</i> (F.) (Tortricidae): Rhododendron sp.	Belgium			1	N. Y.
<i>Acalymma trivittata</i> (Mann.) (Chrysomelidae): Cucurbita maxima (squash)	Mexico	1			Ariz.
<i>Acanthoscelides armitagei</i> (Pic) (Bruchidae): Cajanus cajan (pigeonpea)	Canal Zone, Trinidad	5			Mass., N. Y.
Cicer arietinum (chickpea)	Canal Zone		2		N. Y.
Flemingia strobilifera	do	1			Wash.
Pachyrhizus erosus	Costa Rica		1		D. C.
Rumex sp. (sorrell)	Canal Zone	1			N. Y.
Tamarindus indica (tamarind)	Panama		1		N. J.
<i>Acanthoscelides obreptus</i> Bridw. (Bruchidae): Phaseolus lunatus (civet bean)	Guatemala		1		D. C.
<i>Acanthoscelides obvelatus</i> Bridw. (Bruchidae): Phaseolus vulgaris (kidney bean)	Costa Rica, Mexico		2		D. C.
" <i>Acanthoscelides</i> " spinipes (Er.) (Bruchidae): Acacia farnesiana (sweet acacia)	Italy		1		N. Y.
Acacia tortuosa	Greece, Italy	1		1	N. Y.
Acacia sp.	Argentina, Greece		2		D. C., Mass.
Cupressus sp. (cypress)	Argentina		1		N. Y.
<i>Aceria gossypii</i> (Banks) (Eriophyidae): Gossypium sp. (cotton)	Dominican Republic	1			Fla.
<i>Achatina fulica</i> Fer. (Mollusca): Scrap metal	Caroline Islands, Guam	3			Calif., Md.
<i>Acrolepia assectella</i> (Zell.) (Hyponomeutidae): Allium porrum (leek)	Belgium, France, Italy, Germany, Netherlands		6		N. Y., Pa.
<i>Acronicta rumicis</i> (L.) (Phalaenidae): Kolkwitzia amabilis	Netherlands			1	N. J.
<i>Adoretus sinicus</i> Burm. (Scarabaeidae): Airplane	Hawaii		3		Hawaii.
Alpinia sp. (red ginger)	do	1			Hawaii.
Baggage	Japan (?)	1			Hawaii.
Cordyline terminalis (ti)	Hawaii	1		1	Hawaii.
Flowers—unidentified	do	3			Calif., Hawaii.
Hibiscus sp.	do			1	Hawaii.
<i>Adorophyes orana</i> (F. R.) (Tortricidae): Syringa sp. (lilac)	Netherlands	20			N. Y.
<i>Aegaleus bicinctus</i> (Germar) (Pentatomidae): Vitis vinifera (European grape)	Union of South Africa	1			N. Y.
<i>Aeolus pictus</i> (Cand.) (Elateridae): Grass sod	Nicaragua			1	Tex.
<i>Agallia lingula</i> Van D. (Cicadellidae): Airplane	Guatemala		1		Tex.
<i>Aglossa cuprealis</i> (Hbn.) (Pyralidae): Sorghum vulgare technicum (broomcorn)	Azores	1			N. Y.
Triticum aestivum (wheat)	Portugal	1			Mass.
<i>Agonoxena argaula</i> Meyr. (Agonoxenidae): Cocos nucifera (coconut)	Guam	1			Hawaii.
<i>Agriotes limosus</i> (Lec.) (Elateridae): Soil around cedar seedlings	Canada			1	N. Y.
Soil around evergreen seedlings	do			1	N. Y.
Soil around rose and other plants	do			1	N. Y.
<i>Agriotes obscurus</i> (L.) (Elateridae): Armoracia rusticana (horseradish)	Germany, Sweden, Yugoslavia, Netherlands	5			N. Y.
Spiraea sp.			1		N. J.
<i>Agrotis ypsilon</i> (Rott.) (Phalaenidae): Soil around cabbage roots	Canada			1	N. Y.
<i>Akis bacarozzo</i> Schrank (Tenebrionidae): Quercus suber (cork oak)	Morocco	2			N. Y.
<i>Aleurocanthus woglumi</i> Ashby (Aleyrodidae): Citrus aurantifolia (lime)	Mexico	14	3		Calif., Tex.
Citrus aurantifolia (sour lime)	do	5	1		Tex.
Citrus paradisi (grapefruit)	do	1			Tex.
Citrus sinensis (orange)	do	2			Tex.
Citrus sp.	do	9			Tex.
<i>Aleurothrixus myrtacei</i> Bondar (Aleyrodidae): Gardenia augusta (gardenia)	Central America	1			Calif.*

Pests (insects) collected and reported from July 1, 1953, through June 30, 1954—Con.

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Aleyrodes azaleae</i> Baker & Moles (Aleyrodidae):					
<i>Rhododendron</i> sp.	England			2	N. J.
<i>Algarobius prosopis</i> (Lec.) (Bruchidae):					
Airplane	Unknown		1		Hawaii.
<i>Allantus cinctus</i> (L.) (Tenthredinidae):					
<i>Rosa</i> sp.	England	1			N. Y.
<i>Alpheias conspirata</i> Hein. (Galleriidae):					
<i>Ananas comosus</i> (pineapple)	Mexico	3			Tex.
<i>Amorbia emigratella</i> Busck (Tortricidae):					
<i>Chrysanthemum parthenium</i> (feverfew)	do	1			Tex.
Flowers	Hawaii	1			Hawaii.
<i>Psidium guajava</i> (guava)	do	1			Hawaii.
<i>Punica granatum</i> (pomegranate)	Mexico	1			Tex.
<i>Vaccinium</i> sp.	Hawaii	1			Hawaii.
<i>Anastrepha fraterculus</i> (Wied.) (Tephritidae):					
<i>Citrus sinensis</i> (orange)	Brazil		1		Tex.
<i>Prunus persica</i> (peach)	Mexico	1			Tex.
<i>Anastrepha fraterculus</i> (Wied.) (?) (Tephritidae):					
<i>Annona cherimola</i> (cherimoya)	Colombia, Peru	2			Fla.*
<i>Citrus sinensis</i> (orange)	Brazil		1		Tex.
<i>Mangifera indica</i> (mango)	Chile		1		Tex.
<i>Anastrepha ludens</i> (Loew) (Tephritidae):					
<i>Citrus aurantifolia</i> (sweet lime)	Mexico	3			Calif., Tex.
<i>Citrus paradisi</i> (grapefruit)	do	12	2		Tex.
<i>Citrus sinensis</i> (orange)	Guatemala, Mexico, unknown.	55	36		Ariz., Calif.*
<i>Cydonia oblonga</i> (quince)	Mexico	1			La., N. Y., Tex.
<i>Mangifera indica</i> (mango)	do	38			Tex.
<i>Punica granatum</i> (pomegranate)	do	1			Ariz., Calif., Tex.
On floor of refrigerator car	do		1		Tex.
<i>Anastrepha ludens</i> (Loew) (?) (Tephritidae):					
<i>Citrus sinensis</i> (orange)	do	2			Tex.
<i>Mangifera indica</i> (mango)	do	1			Tex.
<i>Anastrepha mombinpraeoptans</i> Sein (Tephritidae):					
<i>Annona</i> sp.	Costa Rica	1			Calif.*
<i>Mangifera indica</i> (mango)	Bahamas, Costa Rica, Cuba, Dominica, Dominican Republic, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico, Salvador, Trinidad (?)	70	9		Ala., Calif.*
<i>Psidium guajava</i> (guava)	Costa Rica, Dominican Republic, Puerto Rico, Salvador.	4			Fla.*
<i>Spondias mombin</i> (yellow mombin)	Guatemala, Mexico, Nicaragua, Salvador.	9			La., N. Y., Pa., P. R., St. Thomas & St. John, Tex.
<i>Anastrepha mombinpraeoptans</i> Sein (?) (Tephritidae):					
<i>Mangifera indica</i> (mango)	Panama		1		Calif.*
<i>Anastrepha serpentina</i> (Wied.) (Tephritidae):					
<i>Achras zapota</i> (sapodilla)	Mexico, South America	1	2		La., P. R., Tex.
<i>Mammea americana</i> (mamey)	Mexico	1			Tex.
<i>Anastrepha serpentina</i> (Wied.) (?) (Tephritidae):					
<i>Achras zapota</i> (sapodilla)	Nicaragua	1			Calif.*
<i>Anastrepha striata</i> Schiner (Tephritidae):					
<i>Psidium guajava</i> (guava)	Mexico	1			Calif.
<i>Anastrepha suspensa</i> (Loew) (Tephritidae):					
<i>Psidium guajava</i> (guava)	Cuba	1			Fla.*
<i>Ancylostoma stercora</i> (Zell.) (Phycitidae):					
<i>Cajanus cajan</i> (pigeonpea)	British Virgin Islands, Panama, Puerto Rico, St. Kitts, Tortola, Trinidad.	10			Fla., La., Md., N. Y., P. R., St. Thomas & St. John.
<i>Pisum sativum</i> (pea)	Jamaica	1			La.

Pests (insects) collected and reported from July 1, 1953, through June 30, 1954—Con.

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Anomala cuprea</i> (Hope) (Scarabaeidae):					
Airplane	Japan		1		Hawaii.
<i>Antonina bambusae</i> (Mask.) (Coccidae):					
<i>Dendrocalamus giganteus</i>	Canal Zone		1		D. C.
<i>Antonina graminis</i> (Mask.) (Coccidae):					
Grass	Hawaii	1			Hawaii.
<i>Anuraphis schwartzi</i> Börner (Aphidae):					
<i>Prunus persica</i> (peach)	Italy		1		N. Y.
<i>Anuraphis tulipae</i> (Fonsc.) (Aphidae):					
<i>Apium graveolens</i> (celery)	Brazil		1		Pa.
<i>Crocus</i> sp.	England		1		Fla.
<i>Gladiolus</i> sp.	Canada, Netherlands		3		Hawaii, N. J.
<i>Iris</i> spp.	England, France, Italy, Netherlands		9		N. J.
<i>Tulipa</i> sp. (tulip)	France, Netherlands		4		N. J., N. Y.
<i>Aonidiella comperei</i> McKenzie (Coccidae):					
<i>Citrus</i> sp.	India		1		D. C.
<i>Aonidiella inornata</i> McKenzie (Coccidae):					
Leaf—unidentified	Wake Island		1		Hawaii.
<i>Apion assimile</i> Kby. (Curculionidae):					
<i>Trifolium pratense</i> (red clover)	Iran		1		D. C.
<i>Apion carduorum</i> Kby. (Curculionidae):					
<i>Cynara scolymus</i> (globe artichoke)	France, Italy	1	1		N. Y.
<i>Apion craccae</i> (L.) (Curculionidae):					
<i>Vicia sativa</i> (vetch)	Germany	1			Mass.
<i>Archimerus scutellaris</i> (Stal) (Coreidae):					
Orchid	Mexico		1		Tex.
<i>Arctothezia cataphracta</i> (Olf.) (Coccidae):					
Peat moss	Newfoundland	1			Va.
<i>Arge rosae</i> (L.) (Argidae):					
<i>Rosa</i> sp.	Germany	1			N. Y.
<i>Argyresthia conjugella</i> (Zell.) (Hyponomeutidae):					
<i>Malus sylvestris</i> (apple)	Finland	1			N. Y.
<i>Aspidiotus candidulus</i> Ckll. (Coccidae):					
<i>Prosopis</i> sp. (mesquite)	Mexico		1		Ariz.
<i>Aspidiotus degeneratus</i> (Leon.) (Coccidae):					
<i>Camellia japonica</i> (camellia)	Japan		1		Wash.
<i>Aspidiotus destructor</i> Sign. (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Canal Zone, Guam	1	1		Calif.*, Hawaii.
Palm	Japan, Philippines		2		Calif.*, Pa.
<i>Persea americana</i> (avocado)	Panama	1			Calif.*
<i>Aspidiotus diffinis</i> Newst. (Coccidae):					
<i>Jatropha ciliata</i>	Guatemala		1		Calif.*
<i>Persea americana</i> (avocado)	Mexico		1		Tex.
<i>Philodendron</i> sp.	Colombia		1		Calif.*
<i>Aspidiotus herculeanus</i> Ckll. & Hadd. (Coccidae):					
<i>Persea skutchii</i>	Honduras		1		Calif.*
<i>Aspidiotus palmarum</i> Ckll. (Coccidae):					
<i>Billbergia</i> sp.	France		1		N. J.
<i>Citrus</i> sp.	Brazil		1		Fla.*
<i>Heliconia imbricata</i>	Costa Rica		1		Hawaii.
<i>Aspidiotus zonatus</i> Frauent. (Coccidae):					
<i>Juglans</i> sp.	Iran		1		D. C.
<i>Asterolecanium bambusae</i> (Bdv.) (Coccidae):					
Bamboo	Guam, Mozambique	1	1		Hawaii, Pa.
<i>Asterolecanium degeneratum</i> Rsl. (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Nicaragua	1			Calif.*
<i>Asterolecanium epidendri</i> (Bouche) (Coccidae):					
<i>Aspidia epidendroides</i> (orchid)	Canal Zone		1		Calif.*
<i>Catleya granulosa</i> (orchid)	Brazil		1		N. J.
<i>Gongora</i> sp. (orchid)	Canal Zone		1		Fla.
<i>Oncidium</i> spp. (orchid)	Trinidad		1		N. J.
Orchid	Cuba, Jamaica		2		Fla.
<i>Spathiphyllum</i> sp.	Colombia		1		Calif.*
<i>Asterolecanium milaris milaris</i> (Bdv.) (Coccidae):					
Bamboo	British Guiana, Jamaica	2			Fla.*
<i>Asterolecanium milaris robustum</i> Green (Coccidae):					
Bamboo	Antigua, St. Kitts	2			Mass.

Pests (insects) collected and reported from July 1, 1953, through June 30, 1954—Con.

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Asterolecanium pustulans</i> (Ckll.) (Coccidae):					
<i>Hibiscus</i> var.	Hawaii			1	Calif.*
<i>Athous haemorrhoidalis</i> (F.) (Elatерidae):					
Soil around gloxinia bulbs	Belgium			1	N. Y.
<i>Athous hirtus</i> (Hbst.) (Elatерidae):					
<i>Armoracia rusticana</i> (horseradish)	Sweden	1			N. Y.
<i>Syringa</i> sp. (lilac)	Netherlands	1			N. Y.
<i>Athous niger</i> (L.) (Elatерidae):					
<i>Armoracia rusticana</i>	Germany	1			N. Y.
<i>Augochlora cyaneoviridis</i> Ashm. (Halictidae):					
<i>Cocos nucifera</i> (coconut)	St. John	1			St. Thomas & St. John.
<i>Aulacaspis tubercularis</i> Newst. (Coccidae):					
<i>Mangifera indica</i> (mango)	Guatemala, Salvador, Venezuela	5			Calif., Fla.*
<i>Automeris boucardi</i> Druce (Saturniidae):					
Orchid	Mexico			1	Tex.
<i>Barathra brassicae</i> (L.) (Phalaenidae):					
<i>Brassica oleracea capitata</i> (cabbage)	Belgium		1		Ga.
<i>Baris lepidii</i> Germ. (Curculionidae):					
<i>Armoracia rusticana</i> (horseradish)	Germany, Poland, Yugoslavia	12			Md., N. J. N. Y.
<i>Bemisia inconspicua</i> (Q.) (Aleyrodidae):					
<i>Ipomoea</i> sp.	Peru			1	D. C.
<i>Bephrata maculicollis</i> Cam. (Eurytomidae):					
<i>Annona muricata</i> (soursop)	Colombia, Tobago	2			N. Y., P. R.
<i>Betarmon bigeminatus</i> (Rabd.) (Elatерidae):					
Soil and debris around evergreen seedlings	Canada			1	N. Y.
<i>Blissus diplopterus</i> Dist. (Lygaeidae):					
<i>Moraea</i> sp.	Union of South Africa			1	D. C.
<i>Pentaschistis angustifolia</i>	do.			1	D. C.
<i>Phalaris</i> sp.	do.			1	D. C.
<i>Blissus leucopterus</i> (Say) (Lygaeidae):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Tex.
<i>Blissus leucopterus insularis</i> Barb. (Lygaeidae):					
<i>Lycopersicon esculentum</i> (tomato)	do.	1			Tex.
<i>Zantedeschia aethiopica</i> (calla lily)	do.	1			Tex.
<i>Brachycerus albidentatus</i> Gyll. (Curculionidae):					
<i>Allium sativum</i> (garlic)	Italy	1	1		N. Y.
<i>Brachycerus algirus</i> (F.) (Curculionidae):					
<i>Allium sativum</i> (garlic)	Italy, Spain	13	6		N. Y., P. R., Tex.
<i>Brachyplat palliata</i> (Costa) (Lygaeidae):					
<i>Bromus</i> sp.	Turkey			1	D. C.
<i>Bradybaena similis</i> (Fer.) (Mollusca):					
<i>Anthurium</i> sp.	Hawaii	1			Hawaii.
<i>Cordylone terminalis</i> (ti)	do.	1			Hawaii.
Plant material—undetermined	Hawaii, Jamaica	1		1	Fla., Hawaii.
Tree fern	Hawaii			1	Hawaii.
Vanda "Miss Joaquim"	do.	1			Hawaii.
<i>Brevipalpus australis</i> (Tucker) (Phytotipalpidae):					
<i>Citrus limon</i> (lemon)	Spain			1	D. C.
<i>Citrus</i> sp.	China, India			2	D. C.
<i>Brevipalpus inornatus</i> (Banks) (Phytotipalpidae):					
<i>Aucuba japonica</i> (Japanese aucuba)	Japan		1		Pa.
<i>Brevipalpus oncidii</i> Baker (Phytotipalpidae):					
<i>Mosdevallia</i> spp. (orchid)	England			1	Calif.*
<i>Brevipalpus phoenicis</i> (Geijskes) (Phytotipalpidae):					
<i>Camellia reticulata</i> (netvein camellia)	China			1	D. C.
<i>Citrus sinensis</i> (orange)	Mexico, Morocco		1		Fla., D. C.
<i>Citrus</i> sp.	Brazil, India		1		Fla., D. C.
<i>Fragaria</i> sp. (strawberry)	Dominican Republic			1	P. R.
<i>Bruchidius angustifrons</i> Shilsky (Bruchidae):					
<i>Sesbania bispinosa</i>	India			1	D. C.
<i>Sesbania sesban</i>	India, Pakistan			2	D. C.
<i>Bruchidius caeruleus</i> (Champ.) (Bruchidae):					
<i>Desmodium tiliaefolium</i> (lindenleaf tickclover)	India			1	D. C.
<i>Bruchidius caninus</i> (Kraatz) (Bruchidae):					
<i>Astragalus baeticus</i>	Portugal			1	D. C.
<i>Bruchidius gilvus</i> (Gyll.) (Bruchidae):					
<i>Onobrychis viciaefolia</i> (sainfoin)	Turkey			4	D. C.

Pests (insects) collected and reported from July 1, 1953, through June 30, 1954—Con.

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Bruchidius halodendri</i> (Gebler) (Bruchidae): <i>Glycyrrhiza glabra</i> (licorice).....	Syria.....			1	D. C.
<i>Bruchidius incarnatus</i> (Bob.) (Bruchidae): <i>Vicia faba</i> (broadbean).....	Egypt, Italy, Lebanon.....	3			La., Mass., N. Y.
<i>Bruchidius nanus</i> (Germ.) (Bruchidae): <i>Medicago orbicularis</i> (butterbean).....	Greece.....			1	D. C.
<i>Bruchus azoricus</i> Cr. (Bruchidae): <i>Vicia</i> sp.....	Portugal.....			1	Calif.*
<i>Bruchus azoricus</i> Cr. (?) (Bruchidae): <i>Lathyrus</i> sp. (?).....	Azores.....			1	Mass.
<i>Vicia sativa</i> (vetch).....	Portugal.....			1	N. Y.
<i>Vicia</i> sp.....	do.....	1			Mass.
<i>Bruchus brachialis</i> Fahr. (Bruchidae): <i>Vicia villosa</i> (hairy vetch).....	Canada, France.....			3	D. C., N. Y.
<i>Vicia sativa</i> (vetch).....	Canada.....			2	N. Y.
<i>Vicia</i> sp.....	Greece.....			1	D. C.
<i>Bruchus dentipes</i> Baudi (Bruchidae): <i>Vicia faba</i> (broadbean).....	Afghanistan, Lebanon.....	3	2		D. C., Mich., N. Y.
<i>Vicia sativa</i> (vetch).....	Liberia.....			1	Ill.
<i>Bruchus ervi</i> Froel. (Bruchidae): <i>Lens culinaris</i> (lentil).....	France, Italy, Lebanon, Syria.....	8			Mass., N. Y.
<i>Bruchus lentis</i> Froel. (Bruchidae): <i>Lens culinaris</i> (lentil).....	Azores, Greece, Italy, Lebanon.....	9		1	D. C., Mass., N. Y., S. C.
<i>Bruchus luteicornis</i> Ill. (Bruchidae): <i>Vicia sativa</i> (vetch).....	France, Germany, Spain.....	5			Ala., N. Y.
<i>Bruchus rufipes</i> Hbst. (Bruchidae): <i>Vicia sativa</i> (vetch).....	France, Italy, Portugal, Turkey.....	4		1	D. C., La., Mass., Pa.
<i>Vicia</i> sp.....	Italy.....			2	Mass., N. Y.
<i>Bruchus signaticornis</i> Gyll. (Bruchidae): <i>Lens culinaris</i> (lentil).....	do.....	9			N. Y.
<i>Bruchus tristiculus</i> Fahr. (Bruchidae): <i>Lathyrus odoratus</i> (sweetpea).....	Greece.....			1	N. Y.
<i>Lathyrus sativus</i> (grass pea).....	Azores.....			1	Mass.
<i>Bruchus tristis</i> Bob. (Bruchidae): <i>Lathyrus cicera</i>	Iran, Turkey.....			2	D. C.
<i>Lathyrus sativus</i> (grass pea).....	Italy.....	3		1	N. Y.
<i>Lathyrus</i> sp.....	Azores, Italy, Yugo- slavia.....	4			Mass., N. Y., Pa.
<i>Vicia ervilia</i> (bitter vetch).....	Greece.....			1	D. C.
<i>Bruchus ulicis</i> Muls. (Bruchidae): <i>Vicia ervilia</i> (bitter vetch).....	Afghanistan, Turkey.....			2	D. C.
<i>Vicia faba</i> (broadbean).....	Afghanistan.....			1	D. C.
<i>Cacographis osteolalis</i> Led. (Schoenobiidae): <i>Colocasia</i> sp.....	Mexico.....			2	Tex.
<i>Callosobruchus analis</i> (F.) (Bruchidae): Bean.....	India, Japan.....			2	N. Y.
<i>Cicer arietinum</i> (chickpea).....	India.....			1	D. C.
<i>Dolichos lablab</i> (hyacinth-bean).....	do.....			1	D. C.
<i>Pisum sativum</i> (pea).....	do.....			1	D. C.
<i>Callosobruchus maculatus</i> (F.) (Bruchidae): Airplane.....	Burma.....			1	N. Y.
<i>Asparagus sprengeri</i> (Sprenger asparagus).....	Germany.....			1	N. Y.
Bean.....	Canal Zone, Cape Verde Islands, Formosa, Greece, Italy, Nigeria, Philippines.....	4	1	3	Hawaii, Mass., P. R., Tex.
<i>Beta vulgaris cicla</i> (Swiss chard).....	Mexico.....	1			Ariz.
<i>Cajanus cajan</i> (pigeonpea).....	Bahamas, Canal Zone, Jamaica, Portugal, Virgin Islands.....	4		2	D. C., Fla., Mass., N. J., N. Y.
<i>Cicer arietinum</i> (chickpea).....	Egypt, India, Mexico, Pakistan.....	2	1	1	D. C., N. Y., Pa., Tex.
<i>Dolichos lablab</i> (hyacinth-bean).....	India.....			2	D. C.
<i>Glycine soja</i> (soybean).....	Japan.....			1	Tex.
<i>Lens culinaris</i> (lentil).....	India.....			1	D. C.

Pests (insects) collected and reported from July 1, 1953, through June 30, 1954—Con.

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Callosobruchus maculatus</i>—Continued					
<i>Oryza sativa</i> (rice)	Japan	1			Wash.
<i>Phaseolus aconitifolius</i> (moth bean)	India			1	D. C.
<i>Phaseolus aureus</i> (mung bean)	Burma, India, Pakistan, Philippines.	3	1	5	D. C., Hawaii, N. Y., Tex.
<i>Phaseolus calcaratus</i> (rice bean)	Burma			1	D. C.
<i>Phaseolus lunatus</i>	Cape Verde Islands	1			Mass.
<i>Phaseolus mungo</i> (mungo bean)	Pakistan			2	D. C.
<i>Phaseolus vulgaris</i>	do			1	D. C.
<i>Phaseolus</i> sp.	British West Indies, Italy	2			N. J., N. Y.
<i>Pisum sativum</i> (pea)	Canada (?), Italy, Jamaica, Japan.	1	2	1	N. Y., Pa., Tex., Wash.
<i>Pueraria lobata</i> (kudzu-bean)	Japan		1		Tex.
Tree seed	India			1	N. J.
<i>Vicia sativa</i> (vetch)	Turkey			1	D. C.
<i>Vigna cylindrica</i>	Pakistan			1	D. C.
<i>Vigna sesquipedalis</i> (asparagus bean)	India, Kenya			2	D. C.
<i>Vigna sinensis</i> (cowpea)	Cuba, India, Italy, Jamaica, Pakistan	3		7	D. C., N. Y.
<i>Vigna</i> sp.	Afghanistan, Anguilla, Nigeria.	1		3	D. C., Mass.
<i>Callosobruchus phaseoli</i> (Boh.) (Bruchidae):					
Airplane	Philippines		1		Hawaii
<i>Cajanus cajan</i> (pigeonpea)	India			1	D. C.
<i>Dolichos lablab</i> (hyacinth-bean)	British West Indies, Burma.	2			N. Y.
Seed—leguminous	Pakistan	1			La.
<i>Callosobruchus theobromae</i> (L.) (Bruchidae):					
<i>Atylosia scarabaeoides</i>	India			1	D. C.
<i>Cajanus cajan</i> (pigeonpea)	do			1	D. C.
<i>Phaseolus calcaratus</i> (rice bean)	Burma	1			N. Y.
<i>Canthon triangularis</i> (Drury) (Scarabaeidae):					
<i>Heliconia humilis</i>	Trinidad	1			P. R.
<i>Capaneus tetricus</i> Stal (Coreidae):					
Orchid	Mexico			1	Tex.
<i>Carposina sasakii</i> Mats. (Carposinidae):					
<i>Malus sylvestris</i> (apple)	Japan		3		Hawaii, Wash.
<i>Caryedon fuscus</i> (Goeze) (Bruchidae):					
<i>Acacia arabica</i> (babul acacia)	Greece	1			N. Y.
Airplane	Hawaii		1		Hawaii.
Baggage	do	1			Hawaii.
<i>Cassia fistula</i>	do	2			Hawaii.
<i>Cassia</i> sp.	do	4			Calif., Hawaii, N. Y.
<i>Tamarindus indica</i> (tamarind)	Hawaii, India	2			Hawaii, N. Y.
<i>Caryopemon cruciger</i> (Steph.) (Bruchidae):					
<i>Abrus praecatorius</i> (rosary-pea)	Rhodesia	2			N. Y.
<i>Caulophilus latinasus</i> (Say) (Curculionidae):					
<i>Persea americana</i> (avocado)	Canal Zone, Mexico			2	Hawaii.
<i>Cephalodonta callosa</i> Baly (Chrysomelidae):					
Bromeliad	Canal Zone			1	Tex.
Orchid	Panama			1	Calif.*
<i>Ceratitis capitata</i> (Wied.) (Tephritidae):					
<i>Capiscum frutescens</i> (pepper)	Hawaii		1		Tex.
<i>Citrus limon</i> (lemon)	Italy	1			N. Y.
<i>Citrus paradisi</i> (grapefruit)	Canary Islands, Egypt.	1	3		Mass., N. Y.
<i>Citrus reticulata</i> (Mandarin orange)	Algeria, Hawaii, Italy, Portugal.	7	6		Hawaii, Mass., N. Y., Pa.
<i>Citrus sinensis</i> (orange)	Brazil, Canary Islands, Italy, Portugal, Spain.	5	5		Md., Mass., N. Y., Tex.
<i>Coffea</i> sp. (coffee)	Brazil, Hawaii.	11			Calif.*
<i>Cydonia oblonga</i> (quince)	Argentina, Greece	2			Hawaii, La., N. Y.
<i>Malus sylvestris</i> (apple)	Italy, Spain	1	1		N. Y., Pa.
<i>Mangifera indica</i> (mango)	Hawaii	2			Hawaii.
<i>Opuntia humifusa</i> (pricklypear)	Italy	1			N. Y.
<i>Persea americana</i> (avocado)	Hawaii	1			Hawaii.

Pests (insects) collected and reported from July 1, 1953, through June 30, 1954—Con.

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Ceratitis capitata</i> —Continued					
<i>Prunus armeniaca</i> (apricot).....	Italy, Portugal.....	1	1	---	Ala., N. Y.
<i>Prunus persica</i> (peach).....	Italy.....	2	---	---	N. Y.
<i>Prunus persica nectarina</i> (nectarine).....	do.....	1	---	---	N. Y.
<i>Psidium guajava</i> (guava).....	Azores, Union of South Africa.....	1	1	---	La., Mass.
<i>Pyrus communis</i> (pear).....	Spain.....	---	1	---	Pa.
<i>Ceratitis capitata</i> (Wied.) (?) (Tephritidae):					
<i>Citrus paradisi</i> (grapefruit).....	Brazil, Italy, Spain.....	---	4	---	Ala., Pa.
<i>Citrus reticulata</i> (Mandarin orange).....	Lebanon.....	---	1	---	Pa.
<i>Citrus sinensis</i> (orange).....	Algeria, Argentina, Italy.....	1	3	---	Md., Mass., N. Y.
<i>Coffea</i> sp. (coffee).....	Brazil, Hawaii.....	14	---	---	Calif.* , Hawaii, N. Y.
<i>Crataegus</i> sp.....	Italy.....	1	---	---	N. Y.
<i>Cydonia oblonga</i> (quince).....	do.....	2	---	---	N. Y.
<i>Ficus carica</i> (fig).....	Greece, Madeira Islands.....	2	---	---	N. Y.
<i>Mespilus germanica</i> (medlar).....	Italy.....	1	---	---	N. Y.
<i>Opuntia humifusa</i> (pricklypear).....	do.....	2	---	---	Mass., N. Y.
<i>Prunus armeniaca</i> (apricot).....	Portugal.....	1	---	---	N. Y.
<i>Psidium guajava</i> (guava).....	Israel, Italy.....	2	---	---	Mass., N. Y.
<i>Sorbus</i> sp. (sorbe apple).....	Italy.....	1	---	---	N. Y.
<i>Cerconota anonella</i> (Sepp) (Stenomidae):					
<i>Annona muricata</i> (sourpomp).....	Colombia, Tobago, Trinidad.....	3	1	---	La., N. Y., P. R.
<i>Ceresium unicolor</i> (Oliv.) (Cerambycidae):					
<i>Airplane</i>	Guam, Hawaii.....	---	2	---	Hawaii.
<i>Heliconia</i> sp.....	Hawaii.....	1	---	---	Hawaii.
<i>Cerocephus ornatus</i> Green (?) (Coccidae):					
<i>Zizyphus jujuba</i> (jujube).....	Pakistan.....	---	---	1	D. C.
<i>Ceromyces rubens</i> Mask. (Coccidae):					
<i>Citrus sinensis</i> (orange).....	Japan.....	---	1	---	Pa.
<i>Citrus</i> sp.....	do.....	---	1	---	Wash.
<i>Mangifera indica</i> (mango).....	Philippines.....	---	1	---	Hawaii.
<i>Pinus</i> sp. (5-leaved pine).....	Japan.....	---	1	---	Calif.*
<i>Ceroplastes sinensis</i> Del Guer. (Coccidae):					
<i>Citrus paradisi</i> (grapefruit).....	Morocco.....	---	1	---	D. C.
<i>Ceutorhynchus pleurostigma</i> Msh. (Curculionidae):					
<i>Brassica napobrassica</i> (rutabaga).....	England.....	---	1	---	Tex.
<i>Brassica oleracea capitata</i> (cabbage).....	Germany.....	---	1	---	Pa.
<i>Brassica rapa</i> (turnip).....	England.....	---	1	---	Tex.
<i>Chalepus bellulus</i> Chap. (Chrysomelidae):					
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1	---	---	Tex.
<i>Chalepus hornianus</i> Ws. (Chrysomelidae):					
<i>Monstera</i> sp.....	do.....	---	---	1	Tex.
<i>Philodendron</i> sp.....	do.....	---	---	2	Tex.
<i>Chalepus signaticollis</i> Baly (Chrysomelidae):					
<i>Palm</i>	do.....	1	---	---	Tex.
<i>Chelysoma variabilis</i> (H.-S.) (Pentatomidae):					
<i>Orchid</i>	Mexico.....	---	---	2	Tex.
<i>Chilo suppressalis</i> (Wlk.) (Crambidae):					
<i>Oryza sativa</i> (rice).....	Japan, Spain.....	8	5	---	Ala., Calif.* , Hawaii, La., N. Y., Oreg., Pa., Va.
<i>Chrysogramma octomaculata</i> Jac. (Chrysomelidae):					
<i>Polystachya</i> sp. (orchid).....	Rhodesia.....	---	---	1	N. J.
<i>Chrysomphalus albopictus</i> (Ckll.) (Coccidae):					
<i>Persea americana</i> (avocado).....	Mexico.....	1	---	---	Tex.
<i>Chrysomphalus decoratus</i> (Ferris) (Coccidae):					
<i>Bromeliad</i>	do.....	---	---	1	Calif.*
<i>Chrysomphalus inopinus</i> (Leon.) (Coccidae):					
<i>Pistacia</i> sp. (pistache).....	Lebanon.....	1	---	---	N. Y.
<i>Chrysomphalus nigropunctatus</i> (Ckll.) (Coccidae):					
<i>Laelia autumnalis</i> (orchid).....	Mexico.....	---	---	1	Calif.*
<i>Chrysomphalus odontoglossi</i> (Ckll.) (Coccidae):					
<i>Oncidium luridum</i> (orchid).....	Jamaica.....	---	---	1	Hawaii.

Pests (insects) collected and reported from July 1, 1953, through June 30, 1954—Con.

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Chrysomphalus personatus</i> (Comst.) (Coccidae):					
<i>Citrus paradisi</i> (grapefruit).....	Chile.....		1		Calif.*
<i>Cocos nucifera</i> (coconut).....	Mexico.....	1			Calif.*
<i>Persea americana</i> (avocado).....	do.....			1	Tex.
<i>Philodendron</i> sp.....	do.....			1	Fla.
<i>Chrysomphalus pinnulifera</i> (Mask.) (Coccidae):					
<i>Olea europaea</i> (olive).....	Greece.....	1			N. Y.
<i>Chrysomphalus scutiformis</i> (Ckll.) (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime).....	Guatemala.....	1			Calif.*
<i>Chrysomphalus sphaeroides</i> (Ckll.) (Coccidae):					
<i>Chamaedorea oblongata</i>	Mexico.....	1			Tex.
<i>Chamaedorea</i> spp.....	do.....			1	Tex.
<i>Philodendron</i> sp.....	do.....			1	Calif.*
<i>Chrysomphalus tenax</i> (McKenzie) (Coccidae):					
<i>Philodendron</i> sp.....	do.....			3	Tex.
Twig—unidentified.....	do.....	1			Tex.
<i>Chrysomphalus tingi</i> (McKenzie) (Coccidae):					
<i>Phalaenopsis amabilis</i> "Aphrodite".....	Philippines.....			1	Calif.*
<i>Chrysomphalus umboniferus</i> (Newst.) (Coccidae):					
<i>Musa paradisiaca sapientum</i> (banana).....	Panama.....	1			Calif.*
<i>Odontoglossum</i> sp. (orchid).....	Mexico.....			1	Tex.
<i>Clerada apicicornis</i> Sign. (Lygaeidae):					
<i>Lilium</i> sp. (lily).....	Bermuda.....	2			N. Y.
<i>Coccus capparidis</i> (Green) (Coccidae):					
<i>Cypripedium</i> sp. (orchid).....	India.....			2	N. J.
<i>Dendrobium</i> sp. (orchid).....	do.....			1	N. J.
<i>Coccus viridis</i> (Green) (Coccidae):					
<i>Citrus limon</i> (lemon).....	Spain.....		1		Fla.*
<i>Citrus reticulata</i> var. (King orange).....	Puerto Rico.....	1			P. R.
<i>Coffea</i> sp. (coffee).....	Cuba, Haiti, Hawaii.....	3			Calif.*, Fla.*
<i>Gardenia augusta</i> (gardenia).....	Canal Zone, Costa Rica, Cuba, Hawaii, Swan Island.....	19	3	3	Calif.*, Fla.*, Hawaii.
<i>Izora</i> sp.....	Hawaii.....			1	Calif.*
<i>Mangifera indica</i> (mango).....	Cuba.....	1			Fla.*
<i>Coeliodes rubicundus</i> Hbst. (Curculionidae):					
Packing around rhododendron plants.....	England.....			1	Wash.
<i>Conotrachelus aguacatae</i> Barber (Curculionidae):					
<i>Persea americana</i> (avocado).....	Mexico.....	23			Ariz., Tex.
<i>Coptophylla gymnaspiis</i> (Nal.) (Eriophyidae):					
<i>Acer</i> sp. (maple).....	France.....		3		Mass., N. Y.
<i>Coptotermes formosanus</i> Shiraki (Rhinotermitidae):					
Orchid.....	Hawaii.....	1			Hawaii.
<i>Cordylomera spinicornis</i> (F.) (Cerambycidae):					
<i>Khaya</i> sp.....	French Equatorial Africa, French West Africa.....	3			La., Pa.
<i>Cosmopolites sordidus</i> (Germ.) (Curculionidae):					
<i>Musa paradisiaca sapientum</i> (banana).....	Mexico.....			1	Tex.
<i>Crocosema plebeiana</i> Zell. (Olethreutidae):					
<i>Hibiscus esculentus</i> (okra).....	Cuba.....	1			N. Y.
<i>Zinnia</i> sp.....	Bahamas.....	1			Fla.*
<i>Cryptoblabes gnidiella</i> (Mill.) (Phycitidae):					
<i>Caryota</i> sp.....	Brazil.....			1	P. R.
<i>Citrus reticulata</i> (Mandarin orange).....	Azores.....		1		Mass.
<i>Citrus sinensis</i> (orange).....	Spain.....		2		Ga., N. Y.
<i>Eriobotrya japonica</i> (loquat).....	Bermuda.....	1			N. Y.
<i>Punica granatum</i> (pomegranate).....	Greece, Italy, Libya, Portugal, Spain.....	6	1		Ala., Mass., N. Y., Pa.
<i>Vitis</i> sp. (grape).....	Italy.....	1			Mass.
<i>Cryptophlebia illepidia</i> (Btr.) (Olethreutidae):					
<i>Macadamia</i> sp.....	Hawaii.....	1			Hawaii.
<i>Sapindus saponaria</i>	do.....	1			Hawaii.
<i>Cryptophlebia ombrodelta</i> (Lower) (Olethreutidae):					
<i>Pithecellobium dulce</i>	Philippines.....	1			Guam.
<i>Cryptotermes brevis</i> (Wlk.) (Kalotermitidae):					
Carton box.....	Hawaii.....	1			Hawaii.
<i>Curculio elephas</i> (Gyll.) (Curculionidae):					
<i>Castanea</i> sp. (chestnut).....	Italy, Yugoslavia.....	15			Mass., N. Y.

Pests (insects) collected and reported from July 1, 1953, through June 30, 1954—Con.

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Cylas formicarius elegantulus</i> (Summers) (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato)-----	Bahamas, Cuba, Dominican Republic, Mexico, Venezuela.	7	5	---	Fla.*, Md., N. Y., P. R., Tex.
<i>Cylas formicarius</i> (F.), possibly <i>formicarius</i> F. (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato)-----	India-----	---	1	---	Ga
<i>Cylas puncticollis</i> (Boh.) (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato)-----	British West Africa, Nigeria.	---	2	---	N.Y., Pa.
<i>Dactylopius coccus</i> Costa (Coccidae): <i>Grusonia cereiformis</i> (cactus)-----	Mexico-----	---	---	1	Tex.
<i>Dacus cucurbitae</i> (Coq.) (Tephritidae): <i>Anthurium</i> sp.-----	Hawaii-----	1	---	---	Hawaii.
<i>Capsicum frutescens</i> (pepper)-----	do-----	---	2	---	Calif.*
<i>Capsicum frutescens grossum</i> (bell pepper)-----	do-----	---	1	---	Calif.*
<i>Cucumis sativus</i> (cucumber)-----	do-----	---	3	---	Calif.*
<i>Cucurbita pepo</i> (pumpkin)-----	do-----	---	1	---	Tex.
<i>Lycopersicon esculentum</i> (tomato)-----	do-----	---	9	---	Calif.*, Hawaii.
<i>Phaseolus vulgaris</i> var. (string bean)-----	Hawaii-----	3	---	---	Hawaii.
<i>Dacus cucurbitae</i> (Coq.) (?) (Tephritidae): <i>Cucumis sativus</i> (cucumber)-----	do-----	---	5	---	Calif.*
<i>Dacus dorsalis</i> Hend. (Tephritidae): Airplane-----	do-----	---	4	---	Hawaii.
<i>Eugenia malaccensis</i> (Malay-apple)-----	do-----	1	---	---	Hawaii.
<i>Mangifera indica</i> (mango)-----	Guam, Hawaii-----	5	---	---	Calif.*
<i>Musa paradisica sapientum</i> (banana)-----	Hawaii-----	3	---	---	Hawaii.
<i>Ochrosia elliptica</i> -----	do-----	1	---	---	Calif.*
<i>Persea americana</i> (avocado)-----	do-----	2	---	---	Calif.*
<i>Prunus persica</i> (peach)-----	do-----	1	---	---	Calif.*, Hawaii.
<i>Psidium guajava</i> (guava)-----	do-----	1	---	---	Hawaii.
<i>Dacus dorsalis</i> Hend. (?) (Tephritidae): <i>Citrus paradisi</i> (grapefruit)-----	Ceylon-----	---	1	---	Ga.
<i>Persea americana</i> (avocado)-----	Hawaii-----	1	---	---	Hawaii.
<i>Sandoricum koelapae</i> (santal)-----	Philippines-----	1	---	---	Hawaii.
<i>Terminalia catappa</i> (India-almond)-----	Hawaii-----	1	---	---	Hawaii.
<i>Dacus oleae</i> Gmel. (Tephritidae): <i>Olea europaea</i> (olive)-----	Egypt, Greece, Italy, Lebanon.	25	1	---	Mass., N. Y., Va.
<i>Dacus oleae</i> (Gmel.) (?) (Tephritidae): <i>Olea europaea</i> (olive)-----	Italy-----	---	1	---	Va.
<i>Deloyala guttata</i> (Oliv.) (Chrysomelidae): <i>Chrysanthemum</i> sp.-----	Canada-----	---	---	1	N. Y.
Fern-----	Mexico-----	1	---	---	Tex.
Orchid-----	do-----	---	---	2	Tex.
<i>Dendrothrips ornatus</i> (Jabl.) (Thripidae): <i>Syringa</i> sp. (lilac)-----	Netherlands-----	---	---	1	N. J.
<i>Deroceras reticulatum</i> (Muller) (Mollusca): <i>Allium porrum</i> (leek)-----	England-----	---	1	---	Pa.
<i>Aster</i> sp.-----	Haiti-----	1	---	---	P. R.
<i>Brassica oleracea capitata</i> (cabbage)-----	Argentina, Belgium, Brazil, Spain, Northern Ireland-----	---	6	---	Ga., La., Pa., P. R.
<i>Brassica rapa</i> (turnip)-----	Belgium-----	1	---	---	N. Y.
<i>Cichorium endivia</i> (endive)-----	Hawaii-----	1	---	---	N. Y.
<i>Pachyrhizus</i> sp. (yam bean)-----	Australia-----	---	1	---	Hawaii.
<i>Petroselinum crispum</i> (parsley)-----	Wales-----	---	1	---	Hawaii.
Plant—unidentified-----	Canada-----	---	1	---	N. Y.
Soil around cedar seedlings-----	Iceland-----	---	1	---	N. Y.
Soil around hydrangea plants-----	England-----	---	1	---	N. Y.
<i>Vitis</i> sp. (grape)-----	---	---	---	---	---
<i>Diachus auratus</i> (F.) (Chrysomelidae): <i>Hibiscus</i> sp.-----	Hawaii-----	1	---	---	Hawaii.
<i>Dialeurodes chittendeni</i> Laing (Aleyrodidae): <i>Rhododendron</i> sp.-----	Netherlands-----	---	---	12	N. J.

Pests (insects) collected and reported from July 1, 1953, through June 30, 1954—Con.

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Dialeurodes chittendeni</i> Laing (?) (Aleyrodidae):					
<i>Rhododendron catawbiense</i>	Netherlands.....			1	N. J.
<i>Rhododendron roseum</i>	do.....			1	N. J.
<i>Rhododendron</i> sp.....	England.....			2	N. J.
<i>Dialeurodes citri</i> (Ashm.) (Aleyrodidae):					
<i>Citrus sinensis</i> (orange).....	Japan.....		1		Calif.*
<i>Gardenia augusta</i> (gardenia).....	do.....		1		Hawaii.
<i>Dialeurodes kirkaldyi</i> (Kot.) (Aleyrodidae):					
<i>Jasminum sambac</i> (Arabian jasmine).....	China (?).....			1	Calif.*
<i>Dichocrocis punctiferalis</i> (Guen.) (Pyraustidae):					
Soil around dwarf trees.....	Japan.....			1	Hawaii.
<i>Dinaspis aculeata</i> Ferris (?) (Coccidae):					
<i>Chamaedorea oblongata</i>	Mexico.....	2			Tex.
<i>Dinoderus bifoveolatus</i> (Woll.) (Bostrichidae):					
Bamboo basket.....	Costa Rica.....			1	Tex.
<i>Oryza sativa</i> (rice).....	Japan.....	1			Calif.*
<i>Smilax</i> sp.....	Jamaica.....	1			Mass.
<i>Diocalandra taitensis</i> Guer. (Curculionidae):					
<i>Cocos nucifera</i> (coconut).....	Hawaii.....	3			Hawaii.
<i>Diorymerellus laetivargis</i> Champ. (Curculionidae):					
Orchid.....	Guatemala, Mexico.....			4	Fla., Tex., Wash.
<i>Diplorxys capensis</i> (Dallas) (Pentatomidae):					
<i>Andropogon appendiculatus</i>	Union of South Africa.....			1	D. C.
<i>Disonychia collata</i> (F.) (Chrysomelidae):					
Herb.....	Mexico.....	1			Ariz.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	1			Ariz.
Orchid.....	do.....			1	Tex.
<i>Draeculacephala producta</i> (Wlk.) (Cicadellidae):					
Airplane.....	Central America.....		1		La.
<i>Draeculacephala producta</i> (Wlk.) (?) (Cicadellidae):					
Flowers—unidentified.....	Mexico.....	1			Tex.
<i>Dyspessa ulula</i> (Bkh.) (Cossidae):					
<i>Allium sativum</i> (garlic).....	Hungary, Italy, Morocco.....	10			Calif., Mass., N. Y.
<i>Epidiaspis gennadii</i> (Leon.) (Coccidae):					
<i>Pistacia drupe</i>	Cyprus.....	1			N. J.
<i>Epidiaspis piricola</i> (del Guer.) (Coccidae):					
<i>Prunus</i> sp.....	France.....			1	D. C.
<i>Epilachna varivestis</i> Muls. (Coccinellidae):					
<i>Chamaedorea</i> sp.....	Mexico.....	1			Tex.
Orchid.....	do.....			1	Tex.
<i>Epinotia opposita</i> Hein. (Olethreutidae):					
<i>Phaseolus vulgaris</i> var. (string bean).....	Mexico, Panama, Peru, Venezuela.....		5		Ala., Md., Pa., Tex.
<i>Ereunetis flavistriata</i> Wlsm. (Tineidae):					
<i>Ananas comosus</i> (pineapple).....	Hawaii.....	3			Hawaii.
<i>Cocos nucifera</i> (coconut).....	do.....	2			Hawaii.
<i>Eriophyes canestrinii</i> (Nal.) (Eriophyidae):					
<i>Buxus</i> sp. (box).....	Netherlands.....			1	N. J.
<i>Eucalymnatus tessellatus</i> (Sign.) (Coccidae):					
<i>Gardenia augusta</i> (gardenia).....	Panama.....	1			Fla.*
<i>Laurus nobilis</i> (Grecian laurel).....	Barbados.....	1			Mass.
<i>Mangifera indica</i> (mango).....	Tortola.....			2	St. Thomas & St. John.
<i>Eurytoma onobrychidis</i> Nicolsky (Eurytomidae):					
<i>Onobrychis lanata</i>	Iraq.....			1	D. C.
<i>Eurytoma orchidearum</i> (Westw.) (Eurytomidae):					
<i>Cattleya</i> sp. (orchid).....	Brazil, Venezuela.....			4	Fla., N. J.
<i>Eusepeis postfasciatus</i> (Fairm.) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato).....	Cuba, Hawaii, Tortola.....	2		1	D. C., Hawaii, St. Croix.
<i>Eutetranychus banksi</i> (McG.) (Tetranychidae):					
<i>Citrus</i> sp.....	Mexico.....	1			Ariz.
<i>Egergestis forficalis</i> (L.) (Pyraustidae):					
<i>Beta vulgaris cica</i> (Swiss chard).....	Netherlands.....		1		N. Y.
<i>Brassica oleracea botrytis</i> (cauliflower).....	do.....		1		Va.
<i>Brassica oleracea capitata</i> (cabbage).....	Belgium.....		2		Ga.

Pests (insects) collected and reported from July 1, 1953, through June 30, 1954—Con.

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Erptochiamera confusa</i> Barber (Lygaeidae):					
<i>Gladiolus</i> sp.	Mexico	1			Tex.
<i>Malus sylvestris</i> (apple)	do	1			Tex.
<i>Eysarcoris inconspicuus</i> (H.-S.) (Pentatomidae):					
<i>Pentastichis angustifolia</i>	Union of South Africa			1	D. C.
<i>Farinococcus guatemalensis</i> Ferris (or a very closely related form) (Coccidae):					
Orchid	Mexico			1	Tex.
<i>Ferrisia virgata</i> (Ckll.) (Coccidae):					
<i>Codiaeum</i> sp. (croton)	Canal Zone			1	Calif.*
<i>Mangifera indica</i> (mango)	Philippines			1	Hawaii.
Shrub	Mexico	1			Tex.
<i>Frankliniella bispinosa</i> (Morg.) (Thripidae):					
<i>Begonia</i> sp.	Bermuda			1	N. Y.
<i>Hibiscus</i> sp.	do	1			N. Y.
<i>Lonicera</i> sp. (honeysuckle)	do	1			N. Y.
<i>Narcissus</i> sp.	do	1			N. Y.
<i>Polygonum tuberosum</i> (tuberose)	do	1			N. Y.
<i>Frankliniella formosae</i> Mlt. (Thripidae):					
<i>Crysanthemum</i> sp.	Japan	1	1		Wash.
<i>Frankliniella intonsa</i> (Tryb.) (Thripidae):					
Flowers—assorted	Germany	1			Mass.
<i>Frankliniella schultzei</i> (Tryb.) (Thripidae):					
<i>Ornithogalum thyrsoides</i> (chinkerichiee)	Union of South Africa	1			Ill.
<i>Frankliniella tenuicornis</i> (Uzel) (Thripidae):					
<i>Armoracia rusticana</i> (horseradish)	Sweden	1			N. Y.
<i>Fulvius anthorcorides</i> Stal (Miridae):					
Orchid	Mexico			1	Tex.
<i>Fulvius brevicornis</i> Reuter (Miridae):					
Cactus	Jamaica	1			La.
<i>Fundella peltusca</i> (Zell.) (Phycitidae):					
<i>Vigna sinensis</i> (cowpea)	Puerto Rico	1			P. R.
<i>Furcaspis biformis</i> (Ckll.) (Coccidae):					
<i>Aerides</i> sp. (orchid)	Panama			1	N. J.
<i>Brassavola nodosa</i> (orchid)	Canal Zone			2	Calif.*
<i>Cattleya</i> sp. (orchid)	Canal Zone, Colombia, St. Thomas.	1		4	Calif.* Fla., St. Thomas & St. John.
<i>Coelogyne</i> (?) sp. (orchid)	Panama			1	N. J.
<i>Dendrobium</i> "Wilkinsonum"	Australia			1	Hawaii.
<i>Epidendrum</i> sp. (orchid)	Canal Zone, Panama			4	Calif.* Fla., N. J.
<i>Gongora</i> sp. (orchid)	Trinidad			1	Calif.*
<i>Oncidium haematocylum</i> (orchid)	do			2	Hawaii.
<i>Oncidium panamense</i>	Canal Zone			1	Calif.*
<i>Oncidium quadripetalum</i>	Jamaica			1	Hawaii.
<i>Oncidium</i> sp.	Canal Zone, Trinidad			3	Fla., N. J.
Orchid	Canal Zone, Costa Rica, Hawaii, Jamaica, Panama.			17	Fla., Hawaii, Tex.
Palm					
<i>Stanthopea wardii</i> (orchid)	Mexico	1			Calif.*
<i>Galgupha punctifer</i> McA. & Mall. (Pentatomidae):	Canal Zone			1	Calif.*
<i>Brassavola</i> sp. (orchid)					
Orchid	Panama			1	N. J.
<i>Gelechia ericetella</i> (Hbn.) (Gelechiidae):	Costa Rica, Panama			2	Calif.*
<i>Calluna vulgaris</i> (heather)					
<i>Gerstaeckeria mutillaria</i> (Gerst.) (Curculionidae):	Switzerland	1			N. Y.
<i>Mammillaria</i> sp. (cactus)					
<i>Gibbibruchus speculiferus</i> (Gyll.) (Bruchidae):	Mexico			1	Tex.
<i>Bauhinia acuminata</i>					
<i>Glycyphagus domesticus</i> (Deg.) (Glycyphagidae):	Brazil			1	D. C.
<i>Citrus</i> sp.					
<i>Malus sylvestris</i> (apple)	Portugal	1			Mass.
<i>Rosa</i> sp.	Germany	1			Ill.
<i>Gnori moschema gudmanella</i> (Wlsm.) (Gelechiidae):	Netherlands			1	N. J.
<i>Capsicum frutescens</i> (pepper)					
<i>Capsicum frutescens grossum</i> (bell pepper)	Mexico	4			Ariz.
<i>Gnori moschema ocellatella</i> Boyd (Gelechiidae):	do	2			Ariz.
<i>Beta vulgaris</i> (beet)	Egypt		1		Pa.

Pests (insects) collected and reported from July 1, 1953, through June 30, 1954—Con.

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Gortyna flavago</i> (Schiff.) (Phalaenidae):					
<i>Cynara scolymus</i> (globe artichoke).....	Algeria, Italy.....		2		N. Y., Pa.
<i>Gracilaria azaleella</i> Brants (Gracilariidae):					
<i>Rhododendron indicum</i> (indica azalea).....	Belgium.....		2		N. J.
<i>Rhododendron japonicum</i> (Japanese azalea).....	Netherlands.....		1		N. J.
<i>Rhododendron</i> sp.....	Japan, Netherlands.....		5		Hawaii, N. J., Wash.
<i>Grapholitha molesta</i> (Busck) (Olethreutidae):					
<i>Malus sylvestris</i> (apple).....	Japan.....		2		Pa., Wash.
<i>Prunus persica</i> (peach).....	Argentina.....		1		Pa.
<i>Gymnandrosoma aurantianum</i> Costa Lima (Olethreutidae):					
<i>Citrus sinensis</i> (orange).....	Brazil.....		2		N. Y.
<i>Hallodapus rufescens</i> (Burm.) (?) (Miridae):					
<i>Rhododendron</i> sp.....	Scotland.....	1			Va.
<i>Haplothrips gowdeyi</i> (Frankl.) (Phlaeothripidae):					
<i>Agapanthus africanus</i> (agapanthus).....	Bermuda.....	1			N. Y.
<i>Aster</i> sp.....	Haiti.....	1			P. R.
<i>Dahlia</i> sp.....	Dominican Republic.....	1			P. R.
Daisy.....	Bermuda.....	2			N. Y.
Flowers—assorted.....	Bermuda, Haiti.....	3			Fla.* N. Y., P. R.
<i>Lathyrus odoratus</i> (sweetpea).....	Bermuda.....	1			N. Y.
<i>Polianthes tuberosa</i> (tuberose).....	do.....	1			N. Y.
<i>Zinnia</i> sp.....	do.....	1			N. Y.
<i>Hedylepta indicata</i> (F.) (Pyraustidae):					
<i>Phaseolus vulgaris</i> (kidney bean).....	British Honduras.....	2			La.
<i>Helitropis lauri</i> Boh. (Curculionidae):					
<i>Persea americana</i> (avocado).....	Mexico.....		2		Tex.
<i>Helix aspersa</i> Muller (Mollusca):					
Baggage.....	Italy.....	1			Ill.
<i>Chrysanthemum</i> sp.....	Haiti.....	1			P. R.
<i>Hellula undalis</i> (F.) (Pyraustidae):					
Airplane.....	Australia.....		1		Hawaii
<i>Brassica oleracea capitata</i> (cabbage).....	Egypt, Sierra Leone.....		2		Pa.
<i>Brassica rapa</i> (turnip).....	Egypt, France, Senegal.....		3		Pa.
<i>Hemimene juliana</i> (Curt.) (Olethreutidae):					
<i>Quercus</i> sp. (valonia).....	Greece.....	1			Va.
<i>Heterobostrychus aequalis</i> (Waterh.) (Bostrichidae):					
<i>Ananas comosus</i> (pineapple).....	Mexico.....	1			Tex.
Box.....	Unknown.....		1		Fla.*
<i>Heterotermes convezinotatus</i> (Snyder) (Rhinotermitidae):					
<i>Calopogonium caeruleum</i> (jicama).....	Mexico.....	1			Tex.
Log.....	Colombia.....	1			N. Y.
Orchid root.....	Panama.....			1	La.
<i>Hyalopezus pellucidus</i> (Stal) (?) (Miridae):					
<i>Anthurium</i> sp.....	Hawaii.....	1			Hawaii.
<i>Hypera postica</i> (Gyll.) (Curculionidae):					
<i>Melilotus officinalis</i> (yellow sweet clover).....	Iran.....		1		D. C.
<i>Hypera rumicis</i> (L.) (Curculionidae):					
<i>Thuja occidentalis</i> (eastern arborvitae).....	Netherlands.....		1		N. J.
<i>Hypsopygia costalis</i> (F.) (Pyralidae):					
<i>Punica granatum</i> (pomegranate).....	Greece.....	1			N. Y.
<i>Icerya montserratensis</i> R. & H. (Coccidae):					
<i>Chamaedorea</i> sp.....	Mexico.....	1			Tex.
<i>Iridomyrmex humilis</i> Mayr (Formicidae):					
Baggage.....	Portugal.....	1			Mass.
<i>Begonia</i> sp.....	do.....		1		Mass.
Birds—alive.....	Australia.....	1			Mass.
<i>Castanea</i> sp. (chestnut).....	Portugal.....	1			N. Y.
Flowers—assorted.....	Hawaii.....	1			Hawaii.
<i>Helianthus tuberosus</i> (Jerusalem artichoke).....	Italy.....		1		N. Y.
<i>Hibiscus</i> sp.....	Bermuda.....		1		N. Y.
Orchid.....	Hawaii.....	1			Hawaii.
<i>Prunus persica nectarina</i> (nectarine).....	Chile.....	1			N. Y.
<i>Saccharum officinarum</i> (sugarcane).....	Portugal.....	1			N. Y.
<i>Salvia officinalis purpurascens</i> (sage).....	do.....	1			Mass.
Soil with fig and rosemary plants.....	Lebanon.....		1		N. Y.
Soil with grape cuttings.....	Italy.....		1		N. Y.
<i>Vitis</i> sp. (grape).....	Union of South Africa.....	1			N. Y.

Pests (insects) collected and reported from July 1, 1953, through June 30, 1954—Con.

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Iridomyrmex iniquus</i> Mayr (Formicidae): Orchid.....	Mexico, Venezuela.....	-----	-----	2	N. J., Tex.
<i>Isognathus rimosa incitus</i> Edw. (Sphingidae): <i>Philodendron</i> sp.....	Mexico.....	-----	-----	1	Tex.
<i>Lampides boeticus</i> (L.) (Lycaenidae): <i>Canavalia</i> sp.....	Hawaii.....	15	-----	-----	Calif.*, Ha- waii.
<i>Laspeyresia leguminis</i> Hein. (Olethreutidae): <i>Phaseolus vulgaris</i> var. (string bean).....	Panama.....	-----	1	-----	Ala.
<i>Laspeyresia splendana</i> (Hbn.) (Olethreutidae): <i>Castanea</i> sp. (chestnut).....	France, Greece, Italy, Yugoslavia.....	22	-----	-----	Ill., Md., N. Y.
<i>Lecanium fletcheri</i> Ckll. (Coccidae): <i>Cedrus</i> sp. (cedar).....	Canada.....	-----	-----	1	N. Y.
<i>Lepidosaphes ficus</i> (Sign.) (Coccidae): <i>Ficus carica</i> (fig).....	Italy.....	-----	-----	2	Calif.*, Ill.
<i>Lepidosaphes mimosarum</i> (Ckll.) (Coccidae): Seed pod—unidentified.....	Mexico.....	1	-----	-----	Calif.*
<i>Lepidosaphes mimosarum</i> (Ckll.) (?) (Coccidae): <i>Annona cherimola</i> (cherimoya).....	Ecuador.....	-----	-----	1	Calif.*
<i>Lepidosaphes newsteadi</i> (Sulc.) (Coccidae): <i>Pinus</i> sp. (pine).....	Japan.....	-----	-----	1	Calif.*
<i>Lepidosaphes pallida</i> (Green) (Coccidae): <i>Juniperus</i> sp.....	do.....	-----	-----	1	Calif.*
<i>Picea</i> sp.....	do.....	-----	-----	1	Calif.*
<i>Lepidosaphes philococcus</i> (Ckll.) (Coccidae): Cactus.....	Mexico.....	-----	-----	1	Tex.
<i>Lepidosaphes piperis</i> (Green) (Coccidae): <i>Piper nigrum</i> (black pepper).....	India.....	-----	-----	3	D. C.
<i>Lepidosaphes tokionis</i> (Kuw.) (Coccidae): <i>Codiaeum variegatum</i> (croton).....	Canal Zone.....	-----	-----	1	Calif.*
<i>Codiaeum</i> sp. (croton).....	Hawaii, India, Japan.....	4	1	5	Hawaii, N. J., Pa.
<i>Lepidosaphes tuberculata</i> Mal. (Coccidae): <i>Cymbidium</i> spp.....	Australia, England, Japan.....	-----	-----	17	Calif.*, Ha- waii, N. J.
<i>Lepidosaphes tubulorum</i> (as defined by Kuwana) (Coccidae): <i>Schizocodon soldanelloides</i>	Japan.....	-----	-----	1	N. J.
<i>Leptidilla brevipennis</i> (Muls.) (Cerambycidae): <i>Salix</i> sp. (willow).....	France.....	1	-----	-----	N. J.
<i>Leptoglossus chilensis</i> Spinola (Coreidae): <i>Vitis vinifera</i> (European grape).....	Chile.....	3	-----	-----	N. Y.
<i>Vitis</i> sp. (grape).....	do.....	12	-----	-----	N. Y., Pa., Tex.
<i>Leucaspis cockerelli</i> (de Charm.) (Coccidae): <i>Arundina bambusifolia</i>	Hawaii.....	-----	-----	1	Hawaii.
<i>Citrus aurantifolia</i> (sour lime).....	Panama.....	-----	1	-----	Calif.*
<i>Citrus limon</i> (lemon).....	Canal Zone, Nicaragua.....	1	1	-----	Calif.*
<i>Citrus paradisi</i> (grapefruit).....	Hawaii, Trinidad.....	-----	2	-----	Calif.*, Fla.*
<i>Citrus sinensis</i> (orange).....	Canal Zone, Jamaica, Panama.....	-----	5	-----	Calif.*, Fla.*
<i>Leucaspis indica</i> Marl. (Coccidae): <i>Mangifera indica</i> (mango).....	Tortola.....	-----	-----	1	St. Thomas & St. John;
<i>Leucaspis loewi</i> Colvee (Coccidae): <i>Pinus</i> sp. (2-leaved pine).....	Austria.....	1	-----	-----	Mass.
<i>Leucaspis pistaciae</i> Ldgr. (Coccidae): <i>Pistacia drupe</i> (pistache).....	Cyprus.....	1	-----	-----	N. J.
<i>Lygyrocoris abdominalis</i> (G.-M.) (Lygaeidae): Orchid.....	Mexico.....	-----	-----	1	Tex.
<i>Lygyrocoris auribilliana</i> (Dist.) (Lygaeidae): <i>Lycopersicon esculentum</i> (tomato).....	Mexico (?).....	1	-----	-----	Tex.
Orchid.....	Mexico.....	-----	-----	5	Tex.
<i>Pelargonium</i> spp.....	do.....	-----	-----	1	Tex.
<i>Limax marginatus</i> (Muller) (Mollusca): <i>Brassica oleracea capitata</i> (cabbage).....	Netherlands.....	-----	1	-----	La.
<i>Limax maximus</i> L. (Mollusca): <i>Raphanus sativus</i> (radish).....	Lebanon.....	1	-----	-----	N. Y.
Soil around dwarf pine.....	Japan.....	-----	-----	1	Wash.

Pests (insects) collected and reported from July 1, 1953, through June 30, 1954—Con.

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Liocoris tripustulatus</i> (F.) (Miridae):					
<i>Syringa</i> sp. (lilac).....	Netherlands.....	1			N. Y.
<i>Liophloeus tessulatus</i> (Mull.) (Curculionidae):					
<i>Athyrium</i> sp. (fern).....	England.....		1		N. J.
<i>Liosomaphis berberidis</i> (Kltb.) (Aphidae):					
<i>Berberis thunbergii atropurpurea</i>	Netherlands.....		1		N. J.
<i>Listroderes subcinctus</i> Boh. (Curculionidae):					
<i>Vitis</i> sp. (grape).....	Chile.....	1			N. Y.
<i>Lixus junci</i> Boh. (Curculionidae):					
<i>Beta vulgaris</i> (beet).....	Egypt.....		1		Md.
<i>Lycetus africanus</i> Lesne (Lyctidae):					
Wood.....	India.....	1			Mass.
<i>Lycetus brunneus</i> (Steph.) (Lyctidae):					
Wood.....	do.....	1			Mass.
<i>Lycetus linearis</i> (Goeze) (Lyctidae):					
<i>Acacia koa</i> (koa).....	Hawaii.....	1			Hawaii.
<i>Lygus lineolaris</i> (P. deB.) (Miridae):					
<i>Chrysanthemum</i> sp.....	Bermuda.....	1			N. Y.
<i>Zinnia</i> sp.....	do.....	1			N. Y.
<i>Maruca testulatis</i> (Geyer) (Pyraustidae):					
<i>Canavalia</i> sp.....	Hawaii.....	9			Calif.*, Ha- wail.
<i>Phaseolus vulgaris</i> var. (string bean).....	Hawaii, India, Japan, Netherlands Guiana, Puerto Rico.	1	7		Ala., Calif.*, Ga., N. Y. P. R.
<i>Masonaphis rhododendri</i> (Wils.) (Aphidae):					
<i>Rhododendron</i> sp.....	Belgium.....		2		N. J., Wash.
<i>Mecistorhinus marmoratus</i> (Erichson) (Pentatomidae):					
<i>Araceae</i>	Colombia.....		1		Calif.*
<i>Mecotartarus antennatus</i> Bates (Cerambycidae):					
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1			Ariz.
<i>Megacerus alternatus</i> Bridw. (Bruchidae):					
Flowers-assorted.....	Hawaii.....	1			Hawaii.
<i>Operculina tuberosa</i> (wood-rose).....	do.....	1			Hawaii.
<i>Megacerus leucosomus</i> Sharp (Bruchidae):					
<i>Ipomoea arborescens</i> (tree morning-glory).....	Mexico.....	1	1		Ariz., D. C.
<i>Rivea corymbosa</i>	do.....	1			D. C.
<i>Rivea</i> sp.....	do.....	1			D. C.
<i>Megastigmus cryptomeriae</i> Yano (Torymidae):					
<i>Chamaecyparis obtusa</i>	Japan.....		1		Calif.*
<i>Cryptomeria japonica</i>	do.....		1		Calif.*
<i>Melalgus plicatus</i> (Lec.) (Bostriichidae):					
<i>Allium sativum</i> (garlic).....	Mexico.....	1			Tex.
<i>Melanacanthus ferrugineus</i> (Stal) (Coreidae):					
Airplane.....	Fiji Islands.....		1		Hawaii.
<i>Melanotus fissilis</i> (Say) (Elateridae):					
Soil around roots of plants.....	Canada.....		1		N. Y.
<i>Metamasius sericeus</i> (Oliv.) (Curculionidae):					
<i>Musa paradisica sapientum</i> (banana).....	Ecuador, Panama.....	12			Calif.* La., Md., S. C.
<i>Metamasius sericeus carbonarius</i> Chev. (Curculionidae):					
<i>Chamaedorea oblongata</i>	Mexico.....	1			Tex.
<i>Musa paradisica sapientum</i> (banana).....	do.....	2			Calif.,* Tex.
<i>Micelus ericae</i> Gyll. (Curculionidae):					
<i>Calluna vulgaris</i> (heather).....	Scotland.....	2			Mass.
<i>Microcephalothrips abdominalis</i> (Crawf.) (Thripidae):					
<i>Zinnia</i> sp.....	Bermuda.....	1			N. Y.
<i>Mimosestes dominicanus</i> (Jek.) (Bruchidae):					
<i>Caesalpinia coriaria</i> (divi-divi).....	Dominican Republic.....	1			Pa.
<i>Mimosestes sallaei</i> (Sharp) (Bruchidae):					
Airplane.....	Hawaii.....		4		Hawaii.
<i>Mocis repanda</i> (F.) (Phalaenidae):					
Airplane.....	Venezuela.....		1		Fla.*
<i>Monanthia monotropidia</i> Stal (Tingidae):					
Orchid.....	Mexico.....		1		Tex.

Pests (insects) collected and reported from July 1, 1953, through June 30, 1954—Con.

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Monomorium destructor</i> (Jerd.) (Formicidae):					
Bean—dry	Jamaica			1	N. Y.
<i>Bryophyllum</i> sp.	do			1	Mass.
<i>Capsicum frutescens</i> (pepper)	do	1			N. Y.
<i>Dioscorea</i> sp. (yam)	do	1			N. Y.
Orchid	do			1	Fla.
<i>Secium edule</i> (chayote)	do	1			N. Y.
<i>Solanum tuberosum</i> (potato)	Unknown		1		St. Thomas & St. John.
<i>Swietenia</i> sp. (mahogany)	Virgin Islands			1	N. Y.
<i>Moodna bisinuella</i> Hamp. (Phycitidae):					
<i>Zea mays</i> (corn)	Honduras		1		La.
<i>Morganella longispina</i> (Morgan) (Coccidae):					
<i>Citrus paradisi</i> (grapefruit)	Hawaii		1		Calif.*
<i>Myodocha longicollis</i> Stal (Lygaeidae):					
<i>Colocasia</i> sp.	Mexico			1	Tex.
<i>Philodendron</i> sp.	do			1	Tex.
<i>Myzus anselliae</i> Hall (?) (Aphidae):					
<i>Polystachya</i> sp. (orchid)	Rhodesia			1	N. J.
<i>Myzus ascalonicus</i> Doncaster (Aphidae):					
<i>Cichorium intybus</i> (witloof)	Netherlands		1		Pa.
<i>Gladiolus</i> sp.	do			2	N. J., Pa.
<i>Hedera</i> sp.	England			1	N. J.
<i>Nasutitermes nigriceps</i> (Haldeman) (Termitidae):					
<i>Acacia</i> sp.	British Virgin Islands	1			St. Thomas & St. John.
<i>Neoleucinodes elegantalis</i> (Guen.) (Pyraustidae):					
<i>Lycopersicon esculentum</i> (tomato)	Brazil, Mexico	7	2		La., Tex.
<i>Solanum melongena</i> (eggplant)	Mexico		1		Tex.
<i>Nephotettix apicalis</i> (Motsch.) (Cicadellidae):					
Airplane	Philippines		4		Hawaii.
<i>Nilotaspis halli</i> (Green) (Coccidae):					
<i>Prunus amygdalus</i> (almond)	Iran			1	D. C.
<i>Nysius angustellus</i> (Blanchard) (Lygaeidae):					
<i>Prunus persica</i> (peach)	Chile	1			N. Y.
<i>Nysius coenosulus</i> Stal (Lygaeidae):					
Seed	Hawaii	1			Hawaii.
<i>Nysius delectus</i> White (Lygaeidae):					
Airplane	do		1		Hawaii.
<i>Nysius huttoni</i> White (Lygaeidae):					
<i>Malus sylvestris</i> (apple)	New Zealand	1			N. Y.
<i>Nysius simulans</i> Stal (Lygaeidae):					
<i>Prunus domestica</i> (plum)	Chile	1			N. Y.
<i>Odonaspis greeni</i> Ckll. (Coccidae):					
Bamboo	China			1	Hawaii.
<i>Odonaspis ruthae</i> Kot. (Coccidae):					
<i>Cynodon dactylon</i> (Bermuda grass)	Australia			1	D. C.
<i>Oedemera annulata</i> Germ. (Oedemeridae):					
<i>Calluna</i> sp. (heather)	Sweden	1			N. Y.
<i>Oedionychis atroguttata</i> Jac. (Chrysomelidae):					
Orchid	Mexico			1	Ariz.
<i>Oedionychis pavoninus</i> Jac. (Chrysomelidae):					
Orchid	do			1	Tex.
<i>Ogdoecosta biannularis</i> (Boh.) (Chrysomelidae):					
Straw with pottery	do	1			Tex.
<i>Ogdoecosta juvenca</i> (Boh.) (Chrysomelidae):					
Orchid	do			1	Tex.
<i>Ogdoecosta mexicana</i> (Champ.) (Chrysomelidae):					
<i>Selaginella lepidophylla</i> (resurrection plant)	do			1	Tex.
<i>Olethreutes leucotreta</i> (Meyr.) (Olethreutidae):					
<i>Citrus sinensis</i> (?) (orange)	Angola	1			Calif.*
<i>Oligonychus biharensis</i> (Hirst) (Tetranychidae):					
<i>Mangifera indica</i> (mango)	British Guiana		1		Pa.
<i>Oryzarenus albidipennis</i> Stal (Lygaeidae):					
<i>Abutilon</i> sp.	Rhodesia			1	D. C.
<i>Sutherlandia frutescens</i>	Union of South Africa			1	D. C.
<i>Oryzarenus hyalinipennis</i> (Costa) (Lygaeidae):					
<i>Dahlia</i> sp.	Israel	1			N. Y.
<i>Orydema fusiforme</i> (Woll.) (Curculionidae):					
Palm	Hawaii			1	Hawaii.

Pests (insects) collected and reported from July 1, 1953, through June 30, 1954—Con.

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consump- tion	Nonentry	Propaga- tion	
<i>Ozophora consanguineus</i> (Dist.) (Lygaeidae):					
Orchid.....	Mexico.....			1	Tex.
<i>Philodendron</i> sp.....	do.....			1	Tex.
<i>Pachybrachius albocinctus</i> Barber (Lygaeidae):					
Plant.....	Colombia.....			1	Fla.
<i>Pachybrachius nietneri</i> (Dohrn.) (Lygaeidae):					
Airplane.....	Philippines (?), un- known.....		2		Hawaii.
<i>Pachybrachius nigriceps</i> (Dallas) (Lygaeidae):					
Airplane.....	Fiji Islands, Hawaii.....		2		Hawaii.
<i>Pachyzancla bipunctalis</i> (F.) (Pyraustidae):					
<i>Beta vulgaris cicla</i> (Swiss chard).....	Mexico.....	1			Tex.
<i>Pachyzancla periualis</i> (Wlk.) (Pyraustidae):					
<i>Solanum melongena</i> (eggplant).....	Cuba.....	1			N. Y.
<i>Palaeopus costicollis</i> Mshl. (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato).....	Jamaica.....		1		Ala.
<i>Pantomorus godmani</i> (Croth) (Curculionidae):					
<i>Acacia koa</i> (koa).....	Hawaii.....	1			Hawaii.
<i>Cordylone terminalis</i> (ti).....	do.....	1			Hawaii.
Flowers.....	do.....	1			Hawaii.
Orchid.....	do.....	1			Hawaii.
<i>Paratetranychus ununguis</i> (Jac.) (Tetranychidae):					
<i>Juniperus</i> sp. (juniper).....	Japan.....			1	Wash.
<i>Parlatoria camelliae</i> Comst. (Coccidae):					
<i>Camellia reticulata</i> (netvein camellia).....	China.....			1	D. C.
<i>Camellia</i> sp.....	Portugal.....			1	N. J.
<i>Parlatoria cinerea</i> Hadden (Coccidae):					
<i>Citrus aurantifolia</i>	Mexico.....	5			Calif.*
<i>Citrus aurantifolia</i> (sour lime).....	do.....		2		Calif.*
<i>Citrus limon</i> (lemon).....	India.....			1	D. C.
<i>Citrus paradisi</i> (grapefruit).....	Chile.....			1	Calif.*
<i>Citrus sinensis</i> (orange).....	Argentina, Brazil, Israel, Trinidad.....	1	4		Calif.,* Fla.*
<i>Citrus</i> sp.....	Brazil, India.....		1	1	D. C., Fla.*
<i>Parlatoria crotonis</i> Dougl. (Coccidae):					
<i>Codiaeum</i> sp. (croton).....	Hawaii.....	1			Hawaii.
<i>Parlatoria crypta</i> McKenzie (Coccidae)					
<i>Mangifera indica</i> (mango).....	India.....			1	D. C.
<i>Parlatoria mytilaspiformis</i> Green (Coccidae):					
Palm.....	India.....			1	Pa.
<i>Parlatoria oleae</i> (Colvee) (Coccidae):					
<i>Diospyros</i> sp. (persimmon).....	Italy.....	1			N. Y.
<i>Malus sylvestris</i> (apple).....	Greece.....			1	D. C.
<i>Olea europaea</i> (olive).....	do.....	1			N. Y.
<i>Prunus armeniaca</i> (apricot).....	do.....			2	D. C.
<i>Prunus</i> sp.....	do.....			1	D. C.
<i>Parlatoria pseudaspidotus</i> Ldgr. (Coccidae):					
<i>Mangifera indica</i> (mango).....	Philippines.....			1	D. C.
<i>Vanda joaquimiae</i> (orchid).....	do.....			1	Calif.*
<i>Vanda</i> sp.....	Hawaii, Philippines.....	1		2	Calif.,* Ha- waii.
<i>Parlatoria zizyphus</i> (Lucas) (Coccidae):					
<i>Citrus aurantifolia</i> (lime).....	Crete.....	1			Mass.
<i>Citrus aurantifolia</i> (sour lime).....	Philippines.....			1	Calif.*
<i>Citrus limon</i> (lemon).....	Italy, Spain, Thailand.....	1	5		Calif.,* Ha- waii, Mass., Pa.
<i>Citrus paradisi</i> (pomelo).....	Eniwetok.....	1			Hawaii.
<i>Citrus paradisi</i> (grapefruit).....	China.....	1			Hawaii.
<i>Citrus reticulata</i> (Mandarin orange).....	Algeria, China, Crete, Formosa, Japan.....	2	3		Calif.,* Ha- waii, Mass.
<i>Citrus sinensis</i> (orange).....	Japan, Spain.....			6	C a l i f.,* Mass., Pa.
<i>Citrus</i> , sp.....	France, Haiti.....	1	1		Fla.,* Pa.
<i>Parmenonota valida</i> Thoms. (Cerambycidae):					
Orchid.....	Mexico.....			1	Tex.
<i>Paromitus gracilis</i> (Ramb.) (Lygaeidae):					
<i>Alloteropsis semialata</i>	Union of South Africa.....			1	D. C.
<i>Rhynchelytrum repens</i>	do.....			1	D. C.

Pests (insects) collected and reported from July 1, 1953, through June 30, 1954—Con.

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Pectinophora gossypiella</i> (Saund.) (Gelechiidae):					
Floor of automobile	Mexico		1		Tex.
<i>Gossypium barbadense</i> (Sea-island cotton)	Puerto Rico	1			P. R.
<i>Gossypium</i> sp. (cotton; boll)	Hawaii, Mexico	5			Calif., * Tex.
<i>Gossypium</i> sp. (cottonseed)	Cuba, Egypt, Mexico	13	1	1	D. C., N. Y., Tex.
<i>Gossypium</i> sp. (cotton; squares)	Mexico		1		Tex.
<i>Gossypium</i> sp. (seed cotton)	Mexico, St. Vincent	17	1		Fla., * Tex.
<i>Hibiscus esculentus</i> (okra)	Dominican Republic, Mexico, Puerto Rico	3	3		N. Y., * P. R., Tex.
<i>Penthaleus minor</i> (Can.) (Eupodidae):					
<i>Rosa</i> sp.	France			1	N. J.
<i>Perkinsiella vitiensis</i> Kirk. (Delphacidae):					
Airplane	Fiji Islands		6		Hawaii.
<i>Phalonia zephyrana</i> (Treit.) (Phaloniidae):					
<i>Daucus carota</i> (carrot)	Algeria, Trieste		2		Ala., Md.
<i>Pheidole megacephala</i> (F.) (Formicidae):					
<i>Ananas comosus</i> (pineapple)	Cuba, Dominican Republic, Hawaii	1		4	Hawaii, P. R.
<i>Antirrhinum majus</i> (snapdragon)	Bermuda	2			N. Y.
<i>Carica papaya</i> (papaya)	Cuba			1	Fla.
<i>Codiaeum</i> sp. (croton)	Bermuda			2	N. Y.
<i>Dendrobium</i> sp. (orchid)	New Guinea			1	Fla.
<i>Dioscorea</i> sp. (yam)	Trinidad	1			P. R.
<i>Epidendrum ciliare</i> (orchid)	Puerto Rico			1	Hawaii.
<i>Euphorbia pulcherrima</i> (poinsettia)	Bermuda			1	N. Y.
Fern	do	1			N. Y.
<i>Hibiscus esculentus</i> (okra)	Cuba	2			La.
<i>Hibiscus</i> sp.	Bermuda	1		2	N. Y.
Orchid	Canal Zone, New Guinea			3	Hawaii.
<i>Phenacaspis sandwicensis</i> Fullaway (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Hawaii	11			Calif.*
<i>Plumeria</i> sp.	do			1	Hawaii.
<i>Streptozia reginae</i> (bird-of-paradise-flower)	do	1		1	Hawaii.
<i>Phenacoccus solani</i> Ferris (Coccidae):					
<i>Sinningia speciosa</i> (gloxinia)	Canal Zone			1	Fla.
<i>Philaenus leucophthalmus</i> (L.) (Cercopidae):					
Airplane	Mexico		2		Tex.
<i>Phloeosinus lewisi</i> Chap. (Scolytidae):					
<i>Cryptomeria</i> sp.	Japan	1			Oreg.
<i>Phlyctinus callosus</i> Boh. (Curculionidae):					
<i>Vitis</i> sp. (grape)	Union of South Africa	5			N. Y.
<i>Phyllognathus silenus</i> (F.) (Scarabaeidae):					
Wood	Germany	2			Ala.
<i>Phyllotreta vittula</i> (Redt.) (Chrysomelidae):					
<i>Rorippa nasturtium-aquaticum</i> (watercress)	France		1		N. Y.
<i>Physanota attenuata</i> Boh. (Chrysomelidae):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Tex.
Orchid	do			1	Tex.
<i>Phytomyza ruftipes</i> Mg. (Agromyzidae):					
<i>Brassica oleracea botrytis</i> (cauliflower)	France, Scotland		2		Pa., Va.
<i>Brassica oleracea capitata</i> (cabbage)	Egypt, Scotland		3		Pa., Va.
<i>Cichorium endivia</i> (endive)	Belgium	20			N. Y., Pa.
<i>Picturaphis vignaphila</i> Blanch. (Aphidae):					
<i>Phaseolus vulgaris</i> (kidney bean)	British Honduras	2			La.
<i>Pinnaspis buxi</i> (Bouche) (Coccidae):					
<i>Cordylone terminalis</i> (ti)	Hawaii	2			Hawaii.
<i>Philodendron</i> sp.	do	1			Hawaii.
<i>Scindapsus aureus</i>	do			1	Hawaii.
<i>Pinnaspis buxi</i> (Bouche) (?) (Coccidae):					
<i>Buzus</i> sp. (box)	India			1	N. J.
<i>Plagiodera semivittata</i> Stal (Chrysomelidae):					
Orchid	Mexico			1	Tex.
<i>Plagiodera thymaloidea</i> Stal (Chrysomelidae):					
Orchid	do			1	Tex.
<i>Platyedra vilella</i> (Zell.) (Gelechiidae):					
<i>Hibiscus</i> sp.	India			1	D. C.
<i>Platynota rostrana</i> (Wlk.) (Tortricidae):					
Amaryllidaceae	Mexico	1			Tex.
<i>Ananas comosus</i> (pineapple)	Cuba	1			N. Y.

Pests (insects) collected and reported from July 1, 1953, through June 30, 1954—Con.

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consump- tion	Non- entry	Propaga- tion	
<i>Platynota rostrana</i> —Continued					
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1			Tex.
<i>Mentha</i> sp. (mint).....	Trinidad.....	1			P. R.
<i>Peperomia</i> sp.....	Mexico.....			1	Tex.
<i>Platypus rugulosus</i> Chap. (Platygodidae):					
<i>Copaifera hemitomophylla</i> ("cattivo").....	Colombia.....	1			Ala.
<i>Plusia chalcites</i> (Esp.) (?) (Phalaenidae):					
Orchid.....	Hawaii.....	1			Hawaii.
" <i>Poliaspis</i> " <i>pini</i> Mask. (Coccidae):					
<i>Pinus</i> sp. (2-leaved pine).....	Japan.....	1		1	Calif.,* Wash.
<i>Pinus</i> sp. (5-leaved pine).....	do.....			1	Calif.* Pa.
<i>Pinus</i> sp.....	do.....			1	
<i>Polychrosis botrana</i> (Schiff.) (Olethreutidae):					
<i>Vitis</i> sp. (grape).....	France, Greece, Spain.....	2	1		Mass., N. Y.
<i>Polychrosis botrana</i> (Schiff.) (?) (Olethreutidae):					
<i>Vitis</i> sp. (grape).....	Italy.....	1			Mass.
<i>Polydesma umbricola</i> Boisd. (Phalaenidae):					
Airplane.....	Hawaii.....			1	Hawaii.
<i>Portheiria dispar</i> (L.) (Lymantridae):					
<i>Quercus suber</i> (cork oak).....	Morocco.....	2			N. Y., Pa.
<i>Praeblissus albofasciatus</i> Barber (Lygaeidae):					
Orchid.....	Mexico.....			1	Tex.
<i>Prays oleellus</i> (F.) (Hyponomeutidae):					
<i>Olea europaea</i> (olive).....	Italy.....	2			N. Y.
<i>Prodenia eridania</i> (Cram.) (Phalaenidae):					
<i>Antirrhinum majus</i> (snapdragon).....	Bermuda.....	1			N. Y.
<i>Dianthus</i> sp. (carnation).....	do.....	1			N. Y.
<i>Lycopersicon esculentum</i> (tomato).....	Cuba.....	1			N. Y.
Orchid.....	Mexico.....			1	Tex.
<i>Phaseolus vulgaris</i> var. (string bean).....	Cuba.....			1	Fla.*
Sapote.....	Mexico.....	1			Tex.
<i>Zinnia</i> sp.....	Bermuda.....	1			N. Y.
<i>Prodenia litura</i> (F.) (Phalaenidae):					
Airplane.....	Canton Island.....			1	Hawaii.
<i>Prodenia ornithogalli</i> Guen. (Phalaenidae):					
<i>Chrysanthemum</i> sp.....	Mexico.....	1			Tex.
<i>Musa paradisiaca sapientum</i> (banana).....	do.....			1	Tex.
<i>Protopulvinaria longivalvata</i> Green (Coccidae):					
<i>Gardenia augusta</i> (gardenia).....	Costa Rica, Guatemala, Salvador.....	5			Calif.*
<i>Lora</i> sp.....	Trinidad.....	2			N. Y.
<i>Protopulvinaria pyriformis</i> (Ckll.) (Coccidae):					
<i>Anthurium acutangulum</i>	Costa Rica.....			1	Hawaii.
<i>Gardenia augusta</i> (gardenia).....	Cuba, Panama, Swan Island.....	2	1		Fla.*
<i>Pseudacysta perseae</i> (Heid.) (Tingidae):					
<i>Persea americana</i> (avocado).....	Mexico.....			1	Tex.
<i>Pseudaonidia clarigera</i> (Ckll.) (Coccidae):					
<i>Gardenia augusta</i> (gardenia).....	Hawaii.....	1			Hawaii.
<i>Pseudaonidia trilobiformis</i> (Green) (Coccidae):					
<i>Amherstia nobilis</i> (flame amherstia).....	Trinidad.....			1	P. R.
<i>Citrus aurantifolia</i> (sour lime).....	Brazil.....			1	Calif.*
<i>Citrus limon</i> (lemon).....	do.....			1	Pa.
<i>Citrus sinensis</i> (orange).....	Argentina.....			1	Calif.*
<i>Pseudischnaspis alienus</i> (Newst.) (Coccidae):					
<i>Cattleya</i> sp. (orchid).....	Costa Rica.....			2	Fla.
Orchid.....	Mexico, Venezuela.....			3	Fla., Tex.
<i>Pseudococcus boninensis</i> (Kuw.) (Coccidae):					
<i>Saccharum officinarum</i> (sugarcane).....	Jamaica.....	1			Fla.*
<i>Pseudococcus gahani</i> Green (Coccidae):					
<i>Prunus domestica</i> (plum).....	Chile.....	1			Pa.
<i>Zantedeschia aethiopica</i> (calla lily).....	Italy.....			1	N. J.
<i>Pseudococcus lilacinus</i> Ckll. (Coccidae):					
<i>Lansium</i> sp.....	Philippines.....			1	Wash.
<i>Pseudococcus pini</i> (Kuw.) (Coccidae):					
<i>Pinus</i> sp. (2-leaved pine).....	Japan.....			2	Calif.,* N. J.
<i>Tarax</i> sp. (yew).....	do.....			1	Calif.*
<i>Pseudococcus saipanensis</i> Shir. (Coccidae):					
<i>Cocos nucifera</i> (coconut).....	Guam.....			2	Hawaii.

Pests (insects) collected and reported from July 1, 1953, through June 30, 1954—Con.

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Pseudodiaspis yuccae</i> (Ckll.) (Coccidae):	Mexico	1			Ariz.
<i>Prosopis</i> sp.					
<i>Pseudoparlatoria ostreata</i> Ckll. (Coccidae):	Cuba		1		P. R.
<i>Jasminum</i> sp.					
<i>Pseudoparlatoria punctata</i> Ferris (Coccidae):	Mexico	1			Tex.
<i>Carica papaya</i> (papaya)					
<i>Pterolophia alternans</i> Weid. (Cerambycidae):	Hawaii		1		Hawaii.
<i>Euphorbia pulcherrima</i> (poinsettia)	do	1			Hawaii.
<i>Codiaeum</i> sp. (croton)	do	1			Hawaii.
Seed pod					
<i>Ptochoryctes tsugensis</i> Kearlott (Xyloryctidae):	Japan		1		Hawaii.
In cardboard carton containing cypress, elm, and pine trees.	do		1		Hawaii.
<i>Pinus</i> sp. (pine)					
<i>Pulvinaria horii</i> Kuw. (Coccidae):	do		1		Calif.*
<i>Acer</i> sp. (maple)	do		1		Calif.*
<i>Zelkova</i> sp.					
<i>Pulvinaria mesembryanthemi</i> (Vallot) (Coccidae):	Union of South Africa		1		N. J.
<i>Mesembryanthemum inaequale</i>					
<i>Pulvinaria psidii</i> Mask. (Coccidae):	Hawaii	1			Hawaii.
<i>Gardenia augusta</i> (gardenia)					
<i>Puto mexicanus</i> (Ckll.) (Coccidae):	Mexico	1			Tex.
Sapote					
<i>Pyemotes ventricosus</i> (Newp.) (Pyemotidae):	Netherlands		1		N. J.
<i>Cotoneaster</i> sp.	do		1		N. J.
<i>Rosa</i> sp.					
<i>Pyrausta nubilalis</i> (Hbn.) (Pyraustidae):	Italy	1			Mass.
<i>Capsicum frutescens</i> (pepper)	Japan		2		Hawaii.
<i>Dahlia</i> sp.	do		4		Calif.*
<i>Phaseolus vulgaris</i> var. (string bean)					Wash.
<i>Sorghum vulgare technicum</i> (broomcorn)	Hungary, Yugoslavia	3			Md., N. Y.
<i>Zea mays</i> (corn)	Canada	3			N. Y.
<i>Rhabdoscelus obscurus</i> (Boisd.) (Curculionidae):	Fiji Islands	1			Calif.*
<i>Saccharum officinarum</i> (sugarcane)					
<i>Rhagoletis cerasi</i> (L.) (Tephritidae):	Austria, Belgium, England, France, Germany, Italy, Portugal, Spain.	9	19		Mass., N. Y., Va.
<i>Prunus</i> sp. (cherry)					
<i>Rhagoletis cerasi</i> (L.) (?) (Tephritidae):	Azores	1			Mass.
<i>Malus sylvestris</i> (apple)	England, France, Netherlands, Switzerland.	2	3		N. Y.
<i>Prunus</i> sp. (cherry)					
<i>Rhagoletis juglandis</i> Cresson (?) (Tephritidae):	Mexico	2			Ariz.
<i>Juglans nigra</i> (black walnut)					
<i>Rhagoletis pomonella</i> (Walsh) (Tephritidae):	Canada, Mexico	3			Pa., Tex.
<i>Malus sylvestris</i> (apple)					
<i>Rhagoletis pomonella</i> (Walsh) (?) (Tephritidae):	Mexico	1			Tex.
<i>Crataegus</i> sp. (thornapple)					
<i>Rhipibruchus picturatus</i> (Fahr.) (Bruchidae):	Argentina		1		D. C.
<i>Prosopis strombulifera</i>					
<i>Ribua innoxia</i> Hein. (Phytitidae):	Cuba	1			N. Y.
<i>Ananas comosus</i> (pineapple)					
<i>Senntus alticola</i> (Sharp) (Bruchidae):	Venezuela		1		Fla.
<i>Cassia reticulata</i>					
<i>Sesamia cretica</i> Led. (Phalaenidae):	Greece, Italy	10			Md., Mass., N. Y.
<i>Sorghum vulgare technicum</i> (broomcorn)					
<i>Sesamia vuteria</i> (Stoll) (Phalaenidae):	Nigeria		1		La.
<i>Zea mays</i> (corn)					
<i>Sibinia primita</i> (Herbst.) (Curculionidae):	Italy		1		N. Y.
<i>Prunus persica</i> (peach)					
<i>Sinozylon anale</i> Lesne (Bostrichidae):	Japan		1		N. Y.
<i>Amaryllis</i> sp.	Pakistan	1			N. Y.
Wood					
<i>Sinozylon conigerum</i> Gerst. (Bostrichidae):	Hawaii	1			Hawaii.
<i>Acacia koa</i> (koa)	do		2		Hawaii.
Airplane	do	2			Calif.*
<i>Samanea saman</i> (monkey-pod)					Hawaii.
Wood	India	1			N. Y.

Pests (insects) collected and reported from July 1, 1953, through June 30, 1954—Con.

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Siphanta acuta</i> (Wlk.) (Flatidae):					
<i>Vanda</i> sp. (orchid)	Hawaii	1			Hawaii.
<i>Sitona lineata</i> (L.) (Curculionidae):					
<i>Rhododendron</i> sp	Netherlands			1	N. J.
<i>Spiraea albiflora</i> (Japanese white spirea)	do.			1	N. J.
<i>Sixconotus luteiceps</i> Reuter (Miridae):					
Orchid	Mexico			1	Tex.
<i>Spanogonicus albofasciatus</i> (Reuter) (Miridae):					
Airplane	Fiji Islands		1		Hawaii.
<i>Sparticus villosus</i> (F.) (Bruchidae):					
<i>Cytisus hirsutus</i>	Greece			1	D. C.
<i>Cytisus</i> sp. (?)	Denmark			1	N. J.
<i>Laburnum anagyroides</i> (goldenchain)	Austria			1	D. C.
<i>Spartium junceum</i> (weavers-broom)	Italy			1	N. Y.
<i>Sphaeroderma testaceum</i> (F.) (Chrysomelidae):					
<i>Cynara scolymus</i> (globe artichoke)	do.	1			Mass.
<i>Sphenarches caffer</i> (Zell.) (Pterophoridae):					
<i>Cajanus cajan</i> (pigeonpea)	Puerto Rico	1			P. R.
<i>Spissistilus festinus</i> (Say) (Membracidae):					
<i>Lactuca sativa</i> (lettuce)	Mexico	1			Ariz.
<i>Stator limbatus</i> (Horn) (Bruchidae):					
<i>Cassia</i> sp.	Hawaii	1			Hawaii.
<i>Samanea saman</i> (monkey-pod)	do.	1		1	Hawaii.
<i>Stator pruininus</i> (Horn) (Bruchidae):					
<i>Acacia koa</i> (koa)	do.	1			Hawaii.
<i>Stenoma catenifer</i> Wlsm. (Stenomidae):					
<i>Persea americana</i> (avocado)	Brazil, British Honduras, Colombia, Mexico, Panama, Venezuela.	24	5	1	Ala., Fla.* N. Y., Pa. Tex.
<i>Stephanitis pyroides</i> (Scott) (Tingidae):					
<i>Rhododendron</i> sp.	Japan			1	Hawaii.
<i>Sternonchetus mangiferae</i> (F.) (Curculionidae):					
<i>Mangifera indica</i> (mango)	Hawaii, India	30	1	4	Calif.*, D. C., Hawaii, N. Y.
<i>Stolas illustris</i> (Chev.) (Chrysomelidae):					
<i>Chamaedorea</i> sp	Mexico	1			Tex.
<i>Sybra alternans</i> Weid. (Cerambycidae):					
<i>Operculina tuberosa</i> (wood rose)	Hawaii	1			Hawaii.
Weed	do.	1			Hawaii.
<i>Systole geniculata</i> Foerst. (Eurytomidae):					
<i>Pimpinella anisum</i> (anise)	Italy			1	N. Y.
<i>Taeniothrips gracilis</i> Mlt. (Thripidae):					
<i>Amaryllis</i> sp.	Bermuda			1	N. Y.
<i>Hibiscus</i> sp.	do.	1			N. Y.
<i>Lathyrus odoratus</i> (sweetpea)	do.	1			N. Y.
<i>Polianthes tuberosa</i> (tuberose)	do.	1			N. Y.
<i>Taeniothrips hawaiiensis</i> (Morg.) (Thripidae):					
<i>Chrysanthemum</i> sp	Japan	1			Wash.
<i>Gardenia augusta</i> (gardenia)	Hawaii	1			Hawaii.
<i>Polianthes tuberosa</i> (tuberose)	do.	1			Hawaii.
<i>Rosa</i> sp.	Australia		1		Hawaii.
<i>Taeniothrips vulgarissimus</i> (Hal.) (Thripidae):					
<i>Chrysanthemum</i> sp.	Scotland	1			Mass.
<i>Talponia batesi</i> Hein. (Olethreutidae):					
<i>Annona cherimola</i> (cherimoya)	Mexico	2			Tex.
<i>Talurus rugosus</i> (Jac.) (Chrysomelidae):					
<i>Ananas comosus</i> (pineapple)	do.	1			Tex.
<i>Tapinaspis annulus</i> (F.) (Chrysomelidae):					
<i>Chamaedorea</i> sp.	do.	1			Tex.
<i>Tapinaspis vesmaeli</i> (Boh.) (Chrysomelidae):					
<i>Chamaedorea</i> sp.	do.	3			Tex.
<i>Targionia</i> hartii (Ckll.) (Coccidae):					
<i>Dioscorea</i> sp. (yam)	Antigua	1	1		Mich., St. Thomas St. John.
<i>Targionia</i> sacchari (Ckll.) (Coccidae):					
<i>Saccharum officinarum</i> (sugarcane)	Bahamas	1			Fla.*

Pests (insects) collected and reported from July 1, 1953, through June 30, 1954—Con.

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Tenthecoris bicolor</i> Scott (Miridae):					
Orchid	Mexico			4	Fla., Tex.
<i>Philodendron</i> sp.	do			1	Tex.
<i>Tenthecoris confusus</i> Hsiao & Sailer (Miridae):					
Orchid	do			8	Tex.
<i>Tenthecoris venezuelensis</i> Hsiao & Sailer (Miridae):					
<i>Cattleya</i> sp. (orchid)	Venezuela			1	Fla.
<i>Tenuipalpus pacificus</i> Baker (Phytoptipalpidae):					
Orchid	Trinidad			1	P. R.
<i>Tephritis finalis</i> (Loew) (Tephritidae):					
Airplane	Mexico		1		Calif.
<i>Tetraleurodes acaciae</i> (Q.) (Aleyrodidae):					
<i>Prosopis</i> sp.	do	2			Ariz.
Soil	do		2		Ariz.
<i>Tetranychus marianae</i> McG. (Tetranychidae):					
<i>Hibiscus rosa-sinensis</i>	Guam			1	Oreg.
<i>Tetranychus tumidus</i> Banks (Tetranychidae):					
<i>Dahlia</i> sp.	Dominican Republic	2			P. R.
<i>Theba pisana</i> (Muller) (Mollusca):					
<i>Lactuca sativa</i> (lettuce)	France		1		Pa.
<i>Quercus suber</i> (cork oak)	Morocco	2			N. Y., Pa.
<i>Thecla ziba</i> Hew. (Lycaenidae):					
<i>Ananas comosus</i> (pineapple)	Mexico	9			Tex.
<i>Thrips flarus</i> Schrank (Thripidae):					
<i>Chrysanthemum</i> sp.	Scotland	1			Mass.
<i>Erica vagans</i> (cormish heath)	Netherlands			1	N. J.
<i>Rhododendron</i> sp.	Japan			1	Wash.
<i>Weigela</i> sp.	Netherlands			1	N. J.
<i>Thrips major</i> Uzel (Thripidae):					
<i>Erica vagans</i> (cormish heath)	do			1	N. J.
<i>Trapezonotus arenarius</i> (L.) (Lygaeidae):					
<i>Viola</i> sp.	Sweden			1	N. J.
<i>Trochuda raspa</i> (Druce) (Dioptidae):					
<i>Laelia anceps</i> (orchid)	Mexico			1	Tex.
<i>Trogoxylon aequale</i> (Wollaston) (Lycetidae):					
<i>Acacia koa</i> (koa)	Hawaii	1			Hawaii.
<i>Tyrophagus infestans</i> (Berl.) (Acaridae):					
<i>Daucus carota</i> (carrot)	Netherlands		1		Pa.
<i>Unaspis citri</i> (Comst.) (Coccidae):					
<i>Citrus aurantifolia</i> (lime)	Costa Rica	1			Fla.*
<i>Citrus limon</i> (lemon)	Canal Zone		1		Calif.*
<i>Citrus paradisi</i> (grapefruit)	Colombia, Haiti	1	1		Fla.*
<i>Citrus sinensis</i> (orange)	Canal Zone, Mexico, Trinidad.	1	2		Calif.*, Fla.*
<i>Unaspis yanonensis</i> (Kuw.) (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime)	Japan				Calif.*
<i>Citrus limon</i> (lemon)	do		7		Calif.*
<i>Citrus paradisi</i> (grapefruit)	do		1		Calif.*
<i>Citrus reticulata</i> (Mandarin orange)	Japan, Philippines	1	8		Calif.*, Hawaii.
<i>Citrus sinensis</i> (orange)	Japan	1	26		Calif.*, Hawaii, Pa.
<i>Vinsonia stellifera</i> (Westw.) (Coccidae):					
<i>Brassavola cordata</i> (orchid)	Jamaica			1	Hawaii.
<i>Brassavola</i> sp.	do			1	Fla.
<i>Brassia caudata</i> (orchid)	do			2	Fla., Hawaii.
<i>Brassia</i> sp.	Canal Zone			1	Fla.
<i>Cynoches chlorochilon</i> (orchid)	do			1	Calif.*
<i>Epidendrum prismatocarpum</i> (orchid)	do			1	Calif.*
<i>Gongora</i> sp. (orchid)	Trinidad			1	Calif.*
<i>Izora</i> sp.	do	1			N. Y.
<i>Laurus nobilis</i> (Grecian laurel)	Bahamas, Barbados	2			Fla., Mass.
<i>Mangifera indica</i> (mango)	Tortola			1	St. Thomas & St. John.
<i>Oncidium papilio</i> (orchid)	Dominican Republic, Trinidad.			2	Hawaii, N. J.
<i>Oncidium</i> sp.	Jamaica, Panama			2	Fla., N. J.

Pests (insects) collected and reported from July 1, 1953, through June 30, 1954—Con.

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Vinsonia stellifera</i> —Continued					
Orchid.....	Brazil, British Honduras, Canal Zone, Dominican Republic, Guatemala, Jamaica, Trinidad.			10	Fla., Hawaii.
<i>Phalaenopsis stuartiana</i> (orchid).....	Canal Zone.....			1	Calif.*
<i>Vulsirea violacea</i> (F.) (Pentatomidae):					
<i>Copaifera hemitomophylla</i> ("cativo").....	Colombia.....	1			Ala.
<i>Xerococcus fouquieriae</i> Ferris (Coccidae):					
<i>Fouquieria splendens</i> (cocolillo).....	Mexico.....			1	Calif.
<i>Xerophilaspis prosopidis</i> (Okl.) (Coccidae):					
<i>Prosopis</i> sp. (mesquite).....	do.....		1		Ariz.
<i>Xylopsocus castanoptera</i> (Fairm.) (Bostrichidae):					
<i>Acacia koa</i> (koa).....	Hawaii.....	1			Hawaii.
<i>Xylothrips religiosus</i> (Boisd.) (Bostrichidae):					
<i>Baggage</i>	do.....	1			Hawaii.
<i>Xystrocera globosa</i> (Oliv.) (Cerambycidae):					
<i>Airplane</i>	do.....		1		Hawaii.
<i>Samanea saman</i> (monkey-pod).....	do.....	4			Hawaii, Wash.

Hosts and Insects

- ABRUS:**
Caryopemon cruciger (Coleoptera)
- ABUTILON:**
Ozycaenus albidipennis (Hemiptera)
- ACACIA:**
"Acanthoscelides" spinipes (Coleoptera)
Caryedon fuscus (Coleoptera)
Lycius linearis (Coleoptera)
Nasutitermes nigriceps (Isoptera)
Pantomorus godmani (Coleoptera)
Sinozylon conigerum (Coleoptera)
Stator pruinus (Coleoptera)
Trogosylon aequale (Coleoptera)
Xylopsocus castanoptera (Coleoptera)
- ACER:**
Coptophylla gymnaspsis (Acarina)
Pulvinaria horii (Homoptera)
- ACHRAS:**
Anastrepha serpentina (Diptera)
- AERIDES:**
Furcaspis biformis (Homoptera)
- A GAPANTHUS:**
Haplothrips gowdeyi (Thysanoptera)
- ALLIUM PORRUM:**
Acrolepia assectella (Lepidoptera)
Deroceras reticulatum (Mollusca)
- ALLIUM SATIVUM:**
Brachycerus albidentatus (Coleoptera)
Brachycerus algeris (Coleoptera)
Dyspessa ulula (Lepidoptera)
Melalopus plicatus (Coleoptera)
- ALLOTHEROPSIS:**
Paromius gracilis (Hemiptera)
- ALPINIA:**
Adoretus sinicus (Coleoptera)
- AMARYLLIDACEAE:**
Platynota rostrana (Lepidoptera)
- AMARYLLIS:**
Sinozylon anale (Coleoptera)
Taeniothrips gracilis (Thysanoptera)
- AMHERSTIA:**
Pseudodaonidia trilobitiformis (Homoptera)
- ANANAS:**
Alpheias conspirata (Lepidoptera)
Ereunetes flavistriata (Lepidoptera)
Heterobostrychus aequalis (Coleoptera)
Pheidole megacephala (Hymenoptera)
Platynota rostrana (Lepidoptera)
Ribua innoxia (Lepidoptera)
Talurus rugosus (Coleoptera)
Thecla ziba (Lepidoptera)
- ANDROPOGON:**
Diplozys capensis (Hemiptera)
- ANNONA:**
Anastrepha fraterculus (?) (Diptera)
Anastrepha mombinpraepotans (Diptera)
Bephraia maculicollis (Hymenoptera)
Cerconota anonella (Lepidoptera)
Lepidosaphes mimosarum (?) (Homoptera)
Talponia batesi (Lepidoptera)
- ANTHURIUM:**
Bradybaena similis (Mollusca)
Dacus cucurbitae (Diptera)
Hyalopeplus pellicidus (Hemiptera)
Protopulvinaria pyrifomis (Homoptera)
- ANTIRRHINUM:**
Pheidole megacephala (Hymenoptera)
Prodenia eridania (Lepidoptera)
- APIUM:**
Anuraphis tulipae (Homoptera)
- ARACEAE:**
Mecistorhinus marmoratus (Hemiptera)
- ARMORACIA:**
Agrotis obscurus (Coleoptera)
Athous hirtus (Coleoptera)
Athous niger (Coleoptera)
Baris lepidii (Coleoptera)
Frankliniella tenuicornis (Thysanoptera)
- ARUNDINA:**
Leucaspis cockerelli (Homoptera)
- ASPARGUS:**
Callosobruchus maculatus (Coleoptera)
- ASPASIA:**
Asterolecanium epidendri (Homoptera)
- ASTER:**
Deroceras reticulatum (Mollusca)
Haplothrips gowdeyi (Thysanoptera)
- ASTRAGALUS:**
Bruchidius caninus (Coleoptera)
- ATHYRIUM:**
Liophloeus tessulatus (Coleoptera)
- ATYLOSIA:**
Callosobruchus theobromae (Coleoptera)
- AUCUBA:**
Brevipalpus inornatus (Acarina)
- BAMBOO:**
Asterolecanium bambusae (Homoptera)
Asterolecanium milaris milaris (Homoptera)
Asterolecanium milaris robustum (Homoptera)
Dinoderus bifoveolatus (Coleoptera)
Odonaspis greeni (Homoptera)
- BAUHINIA:**
Gibbibruchus speculiferus (Coleoptera)
- BEGONIA:**
Frankliniella bispinosa (Thysanoptera)
Iridomyrmex humilis (Hymenoptera)
- BERBERIS:**
Liosomaphis berberidis (Homoptera)
- BETA:**
Callosobruchus maculatus (Coleoptera)
Energestis forficatus (Lepidoptera)
Gnorimoschema ocellatella (Lepidoptera)
Lirius junci (Coleoptera)
Pachyzancla bipunctalis (Lepidoptera)
- BILLBERGIA:**
Aspidiotus palmarum (Homoptera)
- BRASSAVOLA:**
Furcaspis biformis (Homoptera)
Galupha punctifer (Hemiptera)
Vinsonia stellifera (Homoptera)
- BRASSIA:**
Vinsonia stellifera (Homoptera)
- BRASSICA NAPOBRASSICA:**
Ceutorhynchus pleurostigma (Coleoptera)
- BRASSICA OLERACEA BOTRYTIS:**
Energestis forficatus (Lepidoptera)
Phytomyza rufipes (Diptera)
- BRASSICA OLERACEA CAPITATA:**
Barathra brassicae (Lepidoptera)
Ceutorhynchus pleurostigma (Coleoptera)
Deroceras reticulatum (Mollusca)
Energestis forficatus (Homoptera)
Hellula undalis (Homoptera)
Limax marginatus (Mollusca)
Phytomyza rufipes (Diptera)
- BRASSICA RAPA:**
Ceutorhynchus pleurostigma (Coleoptera)
Deroceras reticulatum (Mollusca)
Hellula undalis (Lepidoptera)
- BROMELIAD:**
Cephalodonta callosa (Coleoptera)
Chrysomphalus decorosus (Homoptera)
- BROMUS:**
Brachyplax palliata (Hemiptera)
- BRYOPHYLLUM:**
Monomorium destructor (Hymenoptera)
- BUXUS:**
Eriophyes canestrinii (Acarina)
Pinnaspis buxi (?) (Homoptera)
- CACTUS:**
Fulvius brevicornis (Hemiptera)
Lepidosaphes philococcus (Homoptera)
- CAESALPINIA:**
Mimosestes dominicanus (Coleoptera)
- CAJANUS:**
Acanthoscelides armitagei (Coleoptera)
Ancylostoma stercora (Lepidoptera)
Callosobruchus maculatus (Coleoptera)
Callosobruchus phaseoli (Coleoptera)
Callosobruchus theobromae (Coleoptera)
Sphenarches caffer (Lepidoptera)
- CALLUNA:**
Gelechia ericetella (Lepidoptera)
Micrelus ericae (Coleoptera)
Oedemera annulata (Coleoptera)
- CALOPOGONIUM:**
Heterotermes converinotatus (Isoptera)

Hosts and Insects—Continued

- CAMELLIA:**
Aspidiotus degeneratus (Homoptera)
Brevipalpus phoenicis (Acarina)
Parlatoria camelliae (Homoptera)
- CANAVALLA:**
Lampides boeticus (Lepidoptera)
Maruca testulalis (Lepidoptera)
- CAPSICUM:**
Ceratitis capitata (Diptera)
Dacus cucurbitae (Diptera)
Gnorimoschema gudmannella (Lepidoptera)
Monomorium destructor (Hymenoptera)
Pyrausta nubilalis (Lepidoptera)
- CARICA:**
Pheidole megacephala (Hymenoptera)
Pseudoparlatoria punctata (Homoptera)
- CARYOTA:**
Cryptoblabes gnidiella (Lepidoptera)
- CASSIA:**
Caryedon fuscus (Coleoptera)
Sennius alticola (Coleoptera)
Stator limbatus (Coleoptera)
- CASTANEA:**
Curculio elephas (Coleoptera)
Iridomyrmex humilis (Hymenoptera)
Laspeyresia splendana (Lepidoptera)
- CATTLEYA:**
Asterolecanium epidendri (Homoptera)
Eurytoma orchidearum (Hymenoptera)
Furcaspis biformis (Homoptera)
Pseudischchnus alienus (Homoptera)
Tenthecoris venezuelensis (Homoptera)
- CEDRUS:**
Lecanium fletcheri (Homoptera)
- CHAMAECYPARIS:**
Megastigmus cryptomeriae (Hymenoptera)
- CHAMAEDOREA:**
Chrysomphalus sphaerioides (Homoptera)
Dinaspis aculeata (?) (Homoptera)
Epilachna varivestis (Coleoptera)
Icerya montserratensis (Homoptera)
Metamasius sericeus carbonarius (Coleoptera)
Stolas illustris (Coleoptera)
Tapinaspis annulus (Coleoptera)
Tapinaspis wesmali (Coleoptera)
- CHRYSANTHEMUM:**
Amorbia emigratella (Lepidoptera)
Deloyala guttata (Coleoptera)
Frankliniella formosae (Thysanoptera)
Helix aspersa (Homoptera)
Lygus lineolaris (Hemiptera)
Prodenia ornithogalli (Lepidoptera)
Taeniothrips hawaiiensis (Thysanoptera)
Taeniothrips vulgarissimus (Thysanoptera)
Thrips flavus (Thysanoptera)
- CICER:**
Acanthoscelides armatigei (Coleoptera)
Callosobruchus analis (Coleoptera)
Callosobruchus maculatus (Coleoptera)
- CICHORIUM:**
Deroceras reticulatum (Mollusca)
Myzus ascalonicus (Homoptera)
Phytomyza rufipes (Diptera)
- CITRUS AURANTIFOLIA:**
Aleurocanthus woglumi (Homoptera)
Anastrepha ludens (Diptera)
Chrysomphalus scutiformis (Homoptera)
Leucaspis cockerelli (Homoptera)
Parlatoria cinerea (Homoptera)
Parlatoria zizyphus (Homoptera)
Pseudonidia trilobitiformis (Homoptera)
Unaspis citri (Homoptera)
Unaspis yanonensis (Homoptera)
- CITRUS LIMON:**
Brevipalpus australis (Acarina)
Ceratitis capitata (Diptera)
Coccus viridis (Homoptera)
Leucaspis cockerelli (Homoptera)
Parlatoria cinerea (Homoptera)
Parlatoria zizyphus (Homoptera)
Pseudonidia trilobitiformis (Homoptera)
Unaspis citri (Homoptera)
Unaspis yanonensis (Homoptera)
- CITRUS PARADISI:**
Aleurocanthus woglumi (Homoptera)
Anastrepha ludens (Diptera)
- CITRUS PARADISI—Continued**
Ceratitis capitata (Diptera)
Ceroplastes sinensis (Homoptera)
Chrysomphalus personatus (Homoptera)
Dacus dorsalis (Diptera)
Leucaspis cockerelli (Homoptera)
Morganella longispina (Homoptera)
Parlatoria cinerea (Homoptera)
Parlatoria zizyphus (Homoptera)
Unaspis citri (Homoptera)
Unaspis yanonensis (Homoptera)
- CITRUS RETICULATA:**
Ceratitis capitata (Diptera)
Coccus viridis (Homoptera)
Cryptoblabes gnidiella (Lepidoptera)
Parlatoria zizyphus (Homoptera)
Unaspis yanonensis (Homoptera)
- CITRUS SINENSIS:**
Aleurocanthus woglumi (Homoptera)
Anastrepha fraterculus (Diptera)
Anastrepha ludens (Diptera)
Brevipalpus phoenicis (Acarina)
Ceratitis capitata (Diptera)
Ceroplastes rubens (Homoptera)
Cryptoblabes gnidiella (Lepidoptera)
Dialeurodes citri (Homoptera)
Gymnandrosoma aurantianum (Lepidoptera)
Leucaspis cockerelli (Homoptera)
Olethreutes leucotreta (Lepidoptera)
Parlatoria cinerea (Homoptera)
Parlatoria zizyphus (Homoptera)
Pseudonidia trilobitiformis (Homoptera)
Unaspis citri (Homoptera)
Unaspis yanonensis (Homoptera)
- CITRUS SP.**
Aleurocanthus woglumi (Homoptera)
Aonidiella comperi (Homoptera)
Aspidiotus palmeri (Homoptera)
Brevipalpus australis (Acarina)
Brevipalpus phoenicis (Acarina)
Ceroplastes rubens (Homoptera)
Eutetranychus banksi (Acarina)
Glycyphagus domesticus (Acarina)
Parlatoria cinerea (Homoptera)
Parlatoria zizyphus (Homoptera)
- OCOS:**
Agonoxena argaula (Lepidoptera)
Aspidiotus destructor (Homoptera)
Asterolecanium degeneratum (Homoptera)
Augochlora cyaneoviridis (Hymenoptera)
Chrysomphalus personatus (Homoptera)
Diocalandra taitensis (Coleoptera)
Ereumetis flavistriata (Lepidoptera)
Phenacaspis samuensis (Homoptera)
Pseudococcus saipanensis (Homoptera)
- CODIAEUM:**
Ferrisia virgata (Homoptera)
Lepidosaphes tokionis (Homoptera)
Parlatoria cratonis (Homoptera)
Pheidole megacephala (Hymenoptera)
Pterolophia alternans (Coleoptera)
- COELOGYNE (?)**
Furcaspis biformis (Homoptera)
- COFFEA:**
Ceratitis capitata (Diptera)
Coccus viridis (Homoptera)
- COLOCASIA:**
Cacographis osteolalis (Lepidoptera)
Myodocha longicollis (Hemiptera)
- COPAIFERA:**
Platypus rugulosus (Coleoptera)
Vulsirea violacea (Hemiptera)
- CORDYLINA:**
Adoretus sinicus (Coleoptera)
Bradybaena similis (Mollusca)
Pantomorus godmani (Coleoptera)
Pinnaspis buxi (Homoptera)
- COTONEASTER:**
Pyemotes ventricosus (Acarina)
- CRATAEGUS:**
Ceratitis capitata (Diptera)
Rhagoletis pomonella (Diptera)
- CROCUS:**
Anuraphis tulipae (Homoptera)

Hosts and Insects—Continued

CRYPTOMERIA:

- Megastigmus cryptomeriae* (Hymenoptera)
- Phloeosinus levisi* (Coleoptera)

CUCUMIS:

- Acalymma trivittata* (Coleoptera)
- Dacus cucurbitae* (Diptera)

CUPRESSUS:

- "Acanthoscelides" spinipes* (Coleoptera)

CYNOCHES:

- Vinsonia stellifera* (Homoptera)

CYDONIA:

- Anastrepha ludens* (Diptera)
- Ceratitis capitata* (Diptera)

CYMBIDIUM:

- Lepidosaphes tuberculata* (Homoptera)

CYNARA:

- Apion carduorum* (Coleoptera)
- Gortyna flavago* (Lepidoptera)
- Sphaeroderma testaceum* (Coleoptera)

CYNODON:

- Odonaspis ruthae* (Homoptera)

CYPRIPEDIUM:

- Coccus capparidis* (Homoptera)

CYTISUS:

- Sparteus villosus* (Coleoptera)

DAHLIA:

- Haplothrips gowdeyi* (Thysanoptera)
- Oxycarenus hyalinipennis* (Hemiptera)
- Pyrausta nubilalis* (Lepidoptera)
- Tetranychus tumidus* (Acarina)

DAISY:

- Haplothrips gowdeyi* (Thysanoptera)

DAUCUS:

- Phalonia zephyrana* (Lepidoptera)
- Tyrophagus infestans* (Acarina)

DENDROBIUM:

- Coccus capparidis* (Homoptera)
- Furcaspis bifor mis* (Homoptera)
- Pheidole megacephala* (Hymenoptera)

DENDROCALAMUS:

- Antonina bambusae* (Homoptera)

DESMODIUM:

- Bruchidius caeruleus* (Coleoptera)

DIANTHUS:

- Prodenia eridania* (Lepidoptera)

DIOSCOREA:

- Monomorium destructor* (Hymenoptera)
- Pheidole megacephala* (Hymenoptera)
- "Targionia" hartii* (Homoptera)

DIOSPYROS:

- Parlatoria oleae* (Homoptera)

DOLICHOS:

- Callosobruchus analis* (Coleoptera)
- Callosobruchus maculatus* (Coleoptera)
- Callosobruchus phaseoli* (Coleoptera)

EPIDENDRUM:

- Furcaspis bifor mis* (Homoptera)
- Pheidole megacephala* (Hymenoptera)
- Vinsonia stellifera* (Homoptera)

ERICA:

- Thrips flavus* (Thysanoptera)
- Thrips major* (Thysanoptera)

ERIOBOTRYA:

- Cryptoblabes gnidiella* (Lepidoptera)

EUGENIA:

- Dacus dorsalis* (Diptera)

EUPHORBIA:

- Pheidole megacephala* (Hymenoptera)
- Pterolophia alternans* (Coleoptera)

FICUS:

- Ceratitis capitata* (?) (Diptera)
- Lepidosaphes ficus* (Homoptera)

FLEMINGIA:

- Acanthoscelides armitagei* (Coleoptera)

FOUQUIERIA:

- Xerococcus fouquieriae* (Homoptera)

FRAGARIA:

- Brevipalpus phoenicis* (Acarina)

GARDENIA:

- Aleurothrixus myrtacei* (Homoptera)
- Coccus viridis* (Homoptera)
- Dialeurodes citri* (Homoptera)
- Eucalyptinus tessellatus* (Homoptera)
- Protopulvinaria longivalvata* (Homoptera)
- Protopulvinaria pyrifor mis* (Homoptera)

GARDENIA—Continued

- Pseudaonidia clavigera* (Homoptera)
- Pulvinaria psidii* (Homoptera)
- Taeniothrips hawaiiensis* (Thysanoptera)

GLADIOLUS:

- Anuraphis tulipae* (Homoptera)
- Erypochiomeria confusa* (Hemiptera)
- Myzus ascalonicus* (Homoptera)

GLYCINE:

- Callosobruchus maculatus* (Coleoptera)

GLYCYPHYZA:

- Bruchidius halodendri* (Coleoptera)

GONGORA:

- Asterolecanium epidendri* (Homoptera)
- Furcaspis bifor mis* (Homoptera)
- Vinsonia stellifera* (Homoptera)

GOSSYPIUM:

- Aceria gossypii* (Acarina)
- Pectinophora gossypiella* (Lepidoptera)

GRUSONIA:

- Dactylopius coccus* (Homoptera)

HEDERA:

- Myzus ascalonicus* (Homoptera)

HELICONIA:

- Aspidiotus palmarum* (Homoptera)
- Canthion triangularis* (Coleoptera)
- Ceresium unicolor* (Coleoptera)

HIBISCUS:

- Adoretus sinicus* (Coleoptera)
- Asterolecanium pustulans* (Homoptera)
- Crocosemose plebeiana* (Lepidoptera)
- Diaelus auratus* (Coleoptera)
- Frankliniella bispinosa* (Thysanoptera)
- Iridomyrmex humilis* (Hymenoptera)
- Pectinophora gossypiella* (Lepidoptera)
- Pheidole megacephala* (Hymenoptera)
- Platyedra vilella* (Lepidoptera)
- Taeniothrips gracilis* (Thysanoptera)
- Tetranychus marianae* (Acarina)

IPOMOEA:

- Bemisia inconspicua* (Homoptera)
- Cylas formicarius elegantulus* (Coleoptera)
- Cylas formicarius*, possibly *formicarius* (Coleoptera)
- Cylas puncticollis* (Coleoptera)
- Euscapes postfasciatus* (Coleoptera)
- Megacerus leucosomus* (Coleoptera)
- Palaeopus costicollis* (Coleoptera)

IRIS:

- Anuraphis tulipae* (Homoptera)

IXORA:

- Coccus viridis* (Homoptera)
- Protopulvinaria longivalvata* (Homoptera)
- Vinsonia stellifera* (Homoptera)

JASMINUM:

- Dialeurodes kirkaldyi* (Homoptera)
- Pseudoparlatoria ostreata* (Homoptera)

JATROPHA:

- Aspidiotus diffinis* (Homoptera)

JUGLANS:

- Aspidiotus zonatus* (Homoptera)
- Rhagoletis juglandis* (?) (Diptera)

JUNIPERUS:

- Lepidosaphes pallida* (Homoptera)
- Paratetranychus ununguis* (Acarina)

KHAYA:

- Cordylomeria spinicornis* (Coleoptera)

KOLKOWITZIA:

- Aconitica rumicis* (Lepidoptera)

LABURNUM:

- Sparteus villosus* (Coleoptera)

LACTUCA:

- Spissistilus festinus* (Homoptera)
- Theba pisana* (Mollusca)

LAELIA:

- Chrysomphalus nigropunctatus* (Homoptera)
- Trochuda raspa* (Lepidoptera)

LANSIUM:

- Pseudococcus lilacinus* (Homoptera)

LATHYRUS:

- Bruchus azoricus* (?) (Coleoptera)
- Bruchus tristiculus* (Coleoptera)
- Bruchus tristis* (Coleoptera)
- Haplothrips gowdeyi* (Thysanoptera)
- Taeniothrips gracilis* (Thysanoptera)

Hosts and Insects—Continued

LAURUS:

- Eucalymnatus tessellatus* (Homoptera)
- Vinsonia stellifera* (Homoptera)

LENS:

- Bruchus ervi* (Coleoptera)
- Bruchus lentis* (Coleoptera)
- Bruchus signaticornis* (Coleoptera)
- Callosobruchus maculatus* (Coleoptera)

LILIUM:

- Clorada apicicornis* (Hemiptera)

LONICERA:

- Frankliniella bispinosa* (Thysanoptera)

LYCOPERSICON:

- Blissus leucopterus* (Hemiptera)
- Blissus leucopterus insularis* (Hemiptera)
- Chalepus bellulus* (Coleoptera)
- Dacus cucurbitae* (Diptera)
- Disonychia collata* (Coleoptera)

Ligyrocoris aurivilliana (Hemiptera)

- Mecotetartus antennatus* (Coleoptera)
- Neoleucinodes elegantalis* (Lepidoptera)
- Physonota attenuata* (Coleoptera)
- Platynota rostrana* (Lepidoptera)
- Prodenia eridania* (Lepidoptera)

MACADAMIA:

- Cryptophlebia illepidia* (Lepidoptera)

MALUS:

- Argyresthia conjugella* (Lepidoptera)
- Carpodina sasakii* (Lepidoptera)
- Ceratitis capitata* (Diptera)
- Ezptochioma confusa* (Hemiptera)
- Glycyphagus domesticus* (Acarina)
- Grapholitha molesta* (Lepidoptera)
- Nysius huttoni* (Hemiptera)
- Parlatoria oleae* (Homoptera)
- Rhagoletis cerasi* (?) (Diptera)
- Rhagoletis pomonella* (Diptera)

MAMMEA:

- Anastrepha serpentina* (Diptera)

MAMMILLARIA:

- Gerstaeckeria multilaria* (Coleoptera)

MANGIFERA:

- Anastrepha fraterculus* (?) (Diptera)
- Anastrepha ludens* (Diptera)
- Anastrepha mombinpraepians* (Diptera)
- Aulacaspis tubercularis* (Homoptera)
- Ceratitis capitata* (Diptera)
- Ceroplastes rubens* (Homoptera)
- Coccus viridis* (Homoptera)
- Dacus dorsalis* (Diptera)
- Eucalymnatus tessellatus* (Homoptera)
- Ferrisia virgata* (Homoptera)
- "*Leucaspis*" *indica* (Homoptera)
- Oligonychus bharensis* (Acarina)
- Parlatoria crypta* (Homoptera)
- Parlatoria pseudaspidiolus* (Homoptera)
- Sternonchus mangiferae* (Coleoptera)
- Vinsonia stellifera* (Homoptera)

MASDEVALLIA:

- Brevipalpus oncidii* (Acarina)

MEDICAGO:

- Bruchidius nanus* (Coleoptera)

MELILOTUS:

- Hypera postica* (Coleoptera)

MENTHA:

- Platynota rostrana* (Lepidoptera)

MESEMBRYANTHEMUM:

- Pulvinaria mesembryanthemi* (Homoptera)

MESPIUS:

- Ceratitis capitata* (Diptera)

MONSTERA:

- Chalepus signaticollis* (Coleoptera)

MORAEA:

- Blissus diplopterus* (Hemiptera)
- MUSA PARADISIACA SAPIENTUM:*
- Chrysomphalus umboniferus* (Homoptera)
- Cosmopolites sordidus* (Coleoptera)
- Dacus dorsalis* (Diptera)
- Metamasius sericeus* (Coleoptera)
- Prodenia ornithogalli* (Lepidoptera)

NARCISSUS:

- Frankliniella bispinosa* (Thysanoptera)

OCHROSIA:

- Dacus dorsalis* (Diptera)

ODONTOGLOSSUM:

- Chrysomphalus umboniferus* (Homoptera)

OLEA:

- Chrysomphalus pinnulifera* (Homoptera)
- Dacus oleae* (Diptera)
- Parlatoria oleae* (Homoptera)
- Frags oleellus* (Lepidoptera)

ONCIDIUM:

- Asterolecanium epidendri* (Homoptera)
- Chrysomphalus odontoglossi* (Homoptera)
- Furcaspis bifor mis* (Homoptera)
- Vinsonia stellifera* (Homoptera)

ONOBRYCHIS:

- Bruchidius gilvus* (Coleoptera)
- Eurytoma onobrychidis* (Hymenoptera)

OPERCULINA:

- Megacerus alternatus* (Coleoptera)
- Sybra alternans* (Coleoptera)

OPUNTIA:

- Ceratitis capitata* (Diptera)

ORCHID:

- Archimerus scutellaris* (Hemiptera)
- Asterolecanium epidendri* (Homoptera)
- Automeris boucardi* (Lepidoptera)
- Capaneus tetricus* (Hemiptera)
- Cephalodonta callosa* (Coleoptera)
- Chelysoma variabilis* (Hemiptera)
- Coptotermes formosanus* (Isoptera)
- Deloyala guttata* (Coleoptera)
- Diorymerellus laevimargo* (Coleoptera)
- Disonychia collata* (Coleoptera)
- Epilachna varivestris* (Coleoptera)
- Farinococcus guatemalensis* (or a very closely related form) (Homoptera)
- Fulvius anthocorides* (Hemiptera)
- Furcaspis bifor mis* (Homoptera)
- Galgapha punctifer* (Hemiptera)
- Heterotermes conezinotatus* (Isoptera)
- Iridomyrmex humilis* (Hymenoptera)
- Iridomyrmex iniquus* (Hymenoptera)
- Ligyrocoris abdominalis* (Hemiptera)
- Ligyrocoris aurivilliana* (Hemiptera)
- Monanthia monotropidia* (Hemiptera)
- Monomorium destructor* (Hymenoptera)
- Oedionychis atroguttata* (Coleoptera)
- Oedionychis paponinus* (Coleoptera)
- Ogdocoeca juvenca* (Coleoptera)
- Ozophora consanguineus* (Hemiptera)
- Pantomorus godmani* (Coleoptera)
- Parmenonta valida* (Coleoptera)
- Pheidole megacephala* (Hymenoptera)
- Physonota attenuata* (Coleoptera)
- Plagiodera semivittata* (Coleoptera)
- Plagiodera thymaloides* (Coleoptera)
- Plusia chalcites* (?) (Lepidoptera)
- Praeblissus albifasciatus* (Hemiptera)
- Prodenia eridania* (Lepidoptera)
- Pseudischaspis alienus* (Homoptera)
- Sizeonotus luteiceps* (Hemiptera)
- Tenthecoris bicolor* (Hemiptera)
- Tenthecoris confusus* (Hemiptera)
- Tenuipalpus pacificus* (Acarina)
- Vinsonia stellifera* (Homoptera)

ORNITHOGALUM:

- Frankliniella schultzei* (Thysanoptera)

ORYZA:

- Chilo suppressalis* (Lepidoptera)
- Dinoderus bifoveolatus* (Coleoptera)

PACHYRHIZUS:

- Acanthoscelides armitagei* (Coleoptera)
- Deroceas reticulatum* (Mollusca)

PALM:

- Aspidiotus destructor* (Homoptera)
- Chalepus signaticollis* (Coleoptera)
- Furcaspis bifor mis* (Homoptera)
- Ozydenia fusiforme* (Coleoptera)
- Parlatoria mytilasipfor mis* (Homoptera)

PELARGONIUM:

- Ligyrocoris aurivilliana* (Hemiptera)

PENTASCHISTIS:

- Blissus diplopterus* (Hemiptera)
- Eysarcoris inconspicuus* (Hemiptera)

PEPEROMIA:

- Platynota rostrana* (Lepidoptera)

PERSEA:

- Aspidiotus destructor* (Homoptera)
- Aspidiotus diffinis* (Homoptera)
- Aspidiotus herculeanus* (Homoptera)

Hosts and Insects—Continued

PERSEA—Continued

- Caulophilus latinasus* (Coleoptera)
- Ceratitis capitata* (Diptera)
- Chrysomphalus albopictus* (Homoptera)
- Chrysomphalus personatus* (Homoptera)
- Conotrachelus aguacatae* (Coleoptera)
- Dacus dorsalis* (Diptera)
- Heilipus lauri* (Coleoptera)
- Pseudacysta perseae* (Hemiptera)
- Stenoma catenifer* (Lepidoptera)

PETROSELINUM:

- Deroceras reticulatum* (Mollusca)

PHALAENOPSIS:

- Chrysomphalus tingi* (Homoptera)
- Vinsonia stelleri* (Homoptera)

PHALARIS:

- Blissus diplopterus* (Hemiptera)

PHASEOLUS ACONITIFOLIUS:

- Callosobruchus maculatus* (Coleoptera)

PHASEOLUS AUREUS:

- Callosobruchus maculatus* (Coleoptera)

PHASEOLUS CALCARATUS:

- Callosobruchus maculatus* (Coleoptera)
- Callosobruchus theobromae* (Coleoptera)

PHASEOLUS LUNATUS:

- Acanthoscelides obrepus* (Coleoptera)
- Callosobruchus maculatus* (Coleoptera)

PHASEOLUS MUNGO:

- Callosobruchus maculatus* (Coleoptera)

PHASEOLUS VULGARIS:

- Acanthoscelides obvelatus* (Coleoptera)
- Callosobruchus maculatus* (Coleoptera)
- Hedylepta indicata* (Lepidoptera)
- Picturaphis vignaphila* (Homoptera)

PHASEOLUS VULGARIS VAR.:

- Dacus cucurbitae* (Diptera)
- Epinotia opposita* (Lepidoptera)
- Laspeyresia leguminis* (Lepidoptera)
- Maruca testulalis* (Lepidoptera)
- Prodenia eridania* (Lepidoptera)
- Pyrausta nubilalis* (Lepidoptera)

PHASEOLUS SP.:

- Callosobruchus maculatus* (Coleoptera)

PHILODENDRON:

- Aspidiotus diffinis* (Homoptera)
- Chalepus hornianus* (Coleoptera)
- Chrysomphalus personatus* (Homoptera)
- Chrysomphalus sphaeroides* (Homoptera)
- Chrysomphalus tenax* (Homoptera)
- Isognathus rimosa inclitus* (Lepidoptera)
- Myodocha longicollis* (Hemiptera)
- Ozophora consanguineus* (Hemiptera)
- Pinnaeus buxi* (Homoptera)
- Tenthoris bicolor* (Hemiptera)

PICEA:

- Lepidosaphes pallida* (Homoptera)

PIMPINELLA:

- Systole geniculata* (Hymenoptera)

PINUS:

- Ceroplastes rubens* (Homoptera)
- Lepidosaphes newsteadi* (Homoptera)
- Leucaspis loewi* (Homoptera)
- "*Poliaspis*" *pini* (Homoptera)
- Pseudococcus pini* (Homoptera)
- Ptochoryctis tsugensis* (Lepidoptera)

PIPER:

- Lepidosaphes piperis* (Homoptera)

PISTACIA:

- Chrysomphalus inopinatus* (Homoptera)
- Epidiaspis gennadii* (Homoptera)
- Leucaspis pistaciae* (Homoptera)

PISUM:

- Ancylostomia stercorea* (Lepidoptera)
- Callosobruchus analis* (Coleoptera)
- Callosobruchus maculatus* (Coleoptera)

PITHECELLOBIUM:

- Cryptophlebia ombrodelta* (Lepidoptera)

PLUMERIA:

- Phenacaspis sandwicensis* (Homoptera)

POLIANTHES:

- Frankliniella bispinosa* (Thysanoptera)
- Haplothrips gowdeyi* (Thysanoptera)
- Taeniothrips gracilis* (Thysanoptera)
- Taeniothrips hawaiiensis* (Thysanoptera)

POLYSTACHYA:

- Chrysogramma octomaculata* (Coleoptera)
- Myzus anselliae* (?) (Homoptera)

PROSOPIS:

- Aspidiotus candidulus* (Homoptera)
- Pseudodiaspis yuccae* (Homoptera)
- Rhipibruchus picturatus* (Coleoptera)
- Tetraleurodes acaciae* (Homoptera)
- Xerophilaspis prosopidis* (Homoptera)

PRUNUS AMYGDALUS:

- Nilotaspis halli* (Homoptera)

PRUNUS ARMENIACA:

- Ceratitis capitata* (Diptera)
- Parlatoria oleae* (Homoptera)

PRUNUS DOMESTICA:

- Nysius simulans* (Hemiptera)
- Pseudococcus gahani* (Hemiptera)

PRUNUS PERSICA:

- Anastrepha fraterculus* (Diptera)
- Anuraphis schwartzii* (Homoptera)
- Ceratitis capitata* (Diptera)
- Dacus dorsalis* (Diptera)
- Grapholitha molesta* (Lepidoptera)
- Nysius angustellus* (Hemiptera)
- Sibinia primita* (Coleoptera)

PRUNUS PERSICA NECTARINA:

- Ceratitis capitata* (Diptera)
- Iridomyrmex humilis* (Hymenoptera)

PRUNUS SP. (cherry):

- Rhagoletis cerasi* (Diptera)

PRUNUS SP.

- Epidiaspis piricola* (Homoptera)
- Parlatoria oleae* (Homoptera)

PSIDIUM:

- Amorbia emigratella* (Lepidoptera)
- Anastrepha mombinpraepotans* (Diptera)
- Anastrepha striata* (Diptera)
- Anastrepha suspensa* (Diptera)
- Ceratitis capitata* (Diptera)
- Dacus dorsalis* (Diptera)

PUNICA:

- Amorbia emigratella* (Lepidoptera)
- Anastrepha ludens* (Diptera)
- Cryptoblabes gnidiella* (Lepidoptera)
- Hypsopygia costalis* (Lepidoptera)

PUERARIA:

- Callosobruchus maculatus* (Coleoptera)

PYRUS:

- Ceratitis capitata* (Diptera)

QUERCUS:

- Akis bacarozzo* (Coleoptera)
- Hemimene juliana* (Lepidoptera)
- Porthetria dispar* (Lepidoptera)
- Theba pisana* (Mollusca)

RAPHANUS:

- Limaz maximus* (Mollusca)

RHODODENDRON:

- Acala schalleriana* (Lepidoptera)
- Aleyrodes azaleae* (Homoptera)
- Dialeurodes chittendeni* (Homoptera)
- Gracilaria azaleella* (Lepidoptera)
- Hallodapus rufescens* (?) (Hemiptera)
- Masonaphis rhododendri* (Homoptera)
- Sitona lineata* (Coleoptera)
- Stephanitis pyroides* (Hemiptera)
- Thrips flavus* (Thysanoptera)

RHYNCHELYTRUM:

- Paromimus gracilis* (Hemiptera)

RIVEA:

- Megacerus leucosomus* (Coleoptera)

ROSE:

- Phylotreta vittula* (Coleoptera)

ROSA:

- Allantus cinctus* (Hymenoptera)
- Arge rosae* (Hymenoptera)
- Glycyphagus domesticus* (Acarina)
- Pentathleus minor* (Acarina)
- Pyemotes ventricosus* (Acarina)
- Taeniothrips hawaiiensis* (Thysanoptera)

RUMEX:

- Acanthoscelides armitagei* (Coleoptera)

SACCHARUM:

- Iridomyrmex humilis* (Hymenoptera)
- Pseudococcus boninensis* (Homoptera)
- Rhabdoscelus obscurus* (Coleoptera)
- "*Targionia*" *sacchari* (Homoptera)

Hosts and Insects—Continued

- SALIX:**
Leptidella brevipennis (Coleoptera)
- SALVIA:**
Iridomyrmex humilis (Hymenoptera)
- SAMANEA:**
Sinoxylon conigerum (Coleoptera)
Stator limbatus (Coleoptera)
Xystrocer a globosa (Coleoptera)
- SANDORICUM:**
Dacus dorsalis (Diptera)
- SAPINDUS:**
Cryptophlebia illepidia (Lepidoptera)
- SAPOTE:**
Prodenia eridania (Lepidoptera)
Puto mexicanus (Homoptera)
- SCHIZOCODON:**
Lepidosaphes tubulorum (as defined by Kuwana) (Homoptera)
- SCINDAPSUS:**
Pinnaspis buxi (Homoptera)
- SECHIUM:**
Monomorium destructor (Hymenoptera)
- SELAGINELLA:**
Ogdocosta mexicana (Coleoptera)
- SINNINGIA:**
Phenacoccus solani (Homoptera)
- SESBANIA:**
Bruchidius angustifrons (Coleoptera)
- SMILAX:**
Dinoderus bifoveolatus (Coleoptera)
- SOIL:**
Agriotes limosus (Coleoptera)
Agrotis ypsilon (Lepidoptera)
Athous haemorrhoidalis (Coleoptera)
Betarmon bigeminatus (Coleoptera)
Deroceras reticulatum (Mollusca)
Dichocrocis punctiferalis (Lepidoptera)
Iridomyrmex humilis (Hymenoptera)
Limax maximus (Homoptera)
Melanotus fissilis (Coleoptera)
Tetraleurodes acaciae (Homoptera)
- SOLANUM MELONGENA:**
Neoleucinodes elegantalis (Lepidoptera)
Pachyzancla perisalis (Lepidoptera)
- SOLANUM TUBEROSUM:**
Monomorium destructor (Hymenoptera)
- SORBUS:**
Ceratitis capitata (?) (Diptera)
- SORGHUM:**
Aglossa cuprealis (Lepidoptera)
Pyrausta nubilalis (Lepidoptera)
Sesamia cretica (Lepidoptera)
- SPARTIUM:**
Sparticus villosus (Coleoptera)
- SPATHYPHYLLUM:**
Asterolecanium epidendri (Homoptera)
- SPIRAEA:**
Agriotes obscurus (Coleoptera)
Sitona lineata (Coleoptera)
- SPONDIAS:**
Anastrepha mombinpraeoptans (Diptera)
- STACHYS:**
Iridomyrmex humilis (Hymenoptera)
- STANHOPEA:**
Furcaspis biformis (Homoptera)
- STRELITZIA:**
Phenacaspis sandwicensis (Homoptera)
- SUTHERLANDIA:**
Ozycaenus albidipennis (Hymenoptera)
- SWIETENIA:**
Monomorium destructor (Hymenoptera)
- SYRINGA:**
Adophyes orana (Lepidoptera)
Athous hirtus (Coleoptera)
Dendrothrips ornatus (Thysanoptera)
Liocoris tripustulatus (Hemiptera)
- TAMARINDUS:**
Acanthoscelides armitagei (Coleoptera)
Caryedon fuscus (Coleoptera)
- TAXUS:**
Pseudococcus pini (Homoptera)
- TERMINALIA:**
Dacus dorsalis (?) (Diptera)
- THUJA:**
Hypera rumicis (Coleoptera)
- TRIFOLIUM:**
Apion assimile (Coleoptera)
- TRITICUM:**
Aolossa cuprealis (Lepidoptera)
- TULIPA:**
Anuraphis tulipae (Homoptera)
- VACCINIUM:**
Amorbia emigratella (Lepidoptera)
- VANDA:**
Bradybaena similis (Mollusca)
Parlatoria pseudaspidotus (Homoptera)
Siphanta acuta (Homoptera)
- VICIA:**
Apion craccae (Coleoptera)
Bruchidius incarnatus (Coleoptera)
Bruchus azoricus (Coleoptera)
Bruchus brachialis (Coleoptera)
Bruchus dentipes (Coleoptera)
Bruchus luteicornis (Coleoptera)
Bruchus rufipes (Coleoptera)
Bruchus tristis (Coleoptera)
Bruchus ulicis (Coleoptera)
Callosobruchus maculatus (Coleoptera)
- VIGNA:**
Callosobruchus maculatus (Coleoptera)
Fundella pelluscens (Lepidoptera)
- VIOLA:**
Trapezonotus arenarius (Hemiptera)
- VITIS:**
Aegaleus bicornatus (Hemiptera)
Cryptoblabes quidiella (Lepidoptera)
Deroceras reticulatum (Mollusca)
Iridomyrmex humilis (Hymenoptera)
Leptoglossus chilensis (Hemiptera)
Listroderes subcincta (Coleoptera)
Phlyctinus callosus (Coleoptera)
Polychrosis botrana (Lepidoptera)
- WEIGELA:**
Thrips flavus (Thysanoptera)
- ZANTEDESCHIA:**
Blissus leucopterus insularis (Hemiptera)
Pseudococcus gahani (Homoptera)
- ZEAL:**
Moodna bisinuella (Lepidoptera)
Pyrausta nubilalis (Lepidoptera)
Sesamia vutiera (Lepidoptera)
- ZELKOVA:**
Pulvinaria horii (Homoptera)
- ZINNIA:**
Crocosema plebeiana (Lepidoptera)
Haplothrips goudyei (Thysanoptera)
Lygus lineolaris (Hemiptera)
Microcephalothrips abdominalis (Thysanoptera)
Prodenia eridania (Lepidoptera)
- ZIZYPHUS:**
Cerococcus ornatus (?) (Homoptera)

Hosts Unknown

AIRPLANE:

- Adoretus sinicus* (Coleoptera)
Agallia lingula (Homoptera)
Algarobius prosopis (Coleoptera)
Anomala cuprea (Coleoptera)
Callosobruchus maculatus (Coleoptera)
Callosobruchus phaseoli (Coleoptera)
Caryedon fuscus (Coleoptera)
Ceresium unicolor (Coleoptera)
Dacus dorsalis (Diptera)
Draculacephala producta (?) (Homoptera)
Heliola undalis (Lepidoptera)
Melanacanthus ferrugineus (Hemiptera)
Mimosestes sallaei (Coleoptera)

AIRPLANE—Continued

- Mocis repanda* (Lepidoptera)
Nephotettix apicalis (Homoptera)
Nysius delectus (Hemiptera)
Pachybrachius nietneri (Hemiptera)
Pachybrachius nigricaps (Hemiptera)
Perkinsiella vitensis (Homoptera)
Philaenus leucophthalmus (Homoptera)
Polydesma umbricola (Lepidoptera)
Prodenia litura (Lepidoptera)
Sinoxylon conigerum (Coleoptera)
Spanogniculus albofasciatus (Hemiptera)
Tephritis finalis (Diptera)
Xystrocer a globosa (Coleoptera)

*Hosts Unknown—Continued***AUTOMOBILE:***Pectinophora gossypiella* (Lepidoptera)**BAGGAGE:***Adoretus sinicus* (Coleoptera)*Caryedon fuscus* (Coleoptera)*Helix aspersa* (Mollusca)*Iridomyrmex humilis* (Hymenoptera)*Xylothrips religiosus* (Coleoptera)**BEAN:***Callosobruchus analis* (Coleoptera)*Callosobruchus maculatus* (Coleoptera)*Monomorium destructor* (Hymenoptera)**BIRD:***Iridomyrmex humilis* (Hymenoptera)**FERN:***Delolaya guttata* (Coleoptera)*Pheidole megacephala* (Hymenoptera)**FLOWERS:***Adoretus sinicus* (Coleoptera)*Amorbia emigratella* (Lepidoptera)*Draeculacephala producta* (?) (Homoptera)*Frankliniella intonsa* (Thysanoptera)*Haplothrips gowdeyi* (Thysanoptera)*Iridomyrmex humilis* (Hymenoptera)*Megacerus alternatus* (Coleoptera)*Pantomorus godmani* (Coleoptera)**GRASS:***Aeolus pictus* (Coleoptera)*Antonina graminis* (Homoptera)**HERBS:***Disonychia collata* ((Coleoptera)**IN CARTON CONTAINING ELMS, PINE, AND CYPRESS:***Potochoryctis tsugensis* (Lepidoptera)**LEAF:***Anidiella inornata* (Homoptera)**LOG:***Heterotermes convexinotatus* (Isoptera)**PACKING:***Coeliodes rubicundus* (Coleoptera)*Ogdocoستا biannularis* (Coleoptera)**PEAT MOSS:***Arcolorthezia cataphracta* (Homoptera)**PLANTS:***Bradybaena similis* (Mollusca)*Chrysomphalus tenax* (Homoptera)*Deroceras reticulatum* (Mollusca)*Ferrisia virgata* (Homoptera)*Pachybrachius albocinctus* (Hemiptera)**RAILWAY CAR—REFRIGERATOR:***Anastrepha ludens* (Diptera)**SCRAP METAL:***Achatina fulica* (Mollusca)**SEED:***Callosobruchus phaseoli* (Coleoptera)*Nysius consociatus* (Hemiptera)**SEED POD:***Lepidosaphes mimosarum* (Homoptera)*Pterolophia alternans* (Coleoptera)**TREE FERN:***Bradybaena similis* (Mollusca)**TREE SEED:***Callosobruchus maculatus* (Coleoptera)**WEED:***Sybra alternans* (Coleoptera)**WOOD:***Cryptotermes brevis* (Isoptera)*Heterobostrychus aequalis* (Coleoptera)*Lyctus africanus* (Coleoptera)*Lyctus brunneus* (Coleoptera)*Phyllognathus silenus* (Coleoptera)*Sinoxylon anale* (Coleoptera)*Sinoxylon conigerum* (Coleoptera)*Countries of Origin and Insects***AFGHANISTAN:***Bruchus dentipes**Bruchus ulicis**Callosobruchus maculatus***ALGERIA***Ceratitis capitata**Gortyna flavago**Parlatoria zizyphus**Phalonia zephyrana***ANGOLA:***Olethreutes leucotreta***ANGUILLA:***Callosobruchus maculatus***ANTIGUA:***Asterolecanium miliaris robustum**"Targionia" hartii***ARGENTINA:***"Acanthoscelides" spinipes**Ceratitis capitata**Deroceras reticulatum**Grapholitha molesta**Parlatoria cinerea**Pseudanidia trilobitiformis**Rhipibruchus picturatus***AUSTRALIA:***Deroceras reticulatum**Furcaspis bifurmis**Hellula undalis**Iridomyrmex humilis**Lepidosaphes tuberculata**Odonaspis ruthae**Taeniothrips hawaiiensis***AUSTRIA:***Leucaspis loewi**Rhagoletis cerasi**Sparticus villosus***AZORES:***Aglossa cuprealis**Bruchus azoricus**Bruchus lentis**Bruchus tristiculus**Bruchus tristis**Ceratitis capitata**Cryptoblabes gnidiella**Rhagoletis cerasi* (?)**BAHAMAS:***Anastrepha mombinpraeoptans**Callosobruchus maculatus**Crocidosoma plebeiana**Cylas formicarius elegantulus**Haplothrips gowdeyi**"Targionia" sacchari**Vinsonia stellifera***BARBADOS:***Eucalyptinus tessellatus**Vinsonia stellifera***BELGIUM:***Acalia schalleriana**Acrolepis assectella**Athous haemorrhoidalis**Barathra brassicae**Deroceras reticulatum**Ebergestis forcifalis**Gracilaria azacella**Masonaphis rhododendri**Phytomyza rufipes**Rhagoletis cerasi***BERMUDA:***Clerada apicicornis**Cryptoblabes gnidiella**Frankliniella bispinosa**Haplothrips gowdeyi**Iridomyrmex humilis**Lygus lineolaris**Microcephalothrips abdominalis**Pheidole megacephala**Prodenia eridania**Taeniothrips gracilis***BRAZIL:***Anastrepha fraterculus**Anuraphis tulipae**Aspidiotus palmarum**Asterolecanium epidendri**Brevipalpus phoenicis**Ceratitis capitata**Cryptoblabes gnidiella**Deroceras reticulatum**Eurytoma orchidearum**Gibbibruchus speculiferus**Gymnandrosoma aurantianum*

Countries of Origin and Insects—Continued

BRAZIL—Continued

Neoleucinodes elegantalis
Parlatoria cinerea
Pseudaonidia trilobitiformis
Stenoma catenifer
Vinsonia stellifera

BRITISH GUIANA:

Asterolecanium miltariis miltariis
Oligonychus biharensis

BRITISH HONDURAS:

Hedyolepta indicata
Picturaphis vignaphila
Stenoma catenifer
Vinsonia stellifera

BRITISH VIRGIN ISLANDS:

Nasutitermes nigriceps

BRITISH WEST AFRICA:

Cylas puncticollis

BRITISH WEST INDIES:

Callosobruchus maculatus
Callosobruchus phaseoli

BURMA:

Callosobruchus maculatus
Callosobruchus phaseoli
Callosobruchus theobromae

CANADA:

Agriotes limosus
Agrotis ypsilon
Anuraphis tulipae
Betarmon bigeminatus
Bruchus brachialis
Deloyala guttata
Deroceras reticulatum
Lecanium fletcheri
Melanotus fissilis
Pyrusta nubilalis
Rhagoletis pomonella

CANADA: (?)

Callosobruchus maculatus

CANAL ZONE:

Acanthoscelides armitagei
Antonia bambusae
Aspidiotus destructor
Asterolecanium epidendri
Callosobruchus maculatus
Caulophilus latinasus
Cephalodonta callosa
Coccus viridis
Ferrisia virgata
Furcaspis bifor mis
Lepidosaphes tokionis
Leucaspis cockerelli
Pheidole megacephala
Phenacoccus solani
Unaspis citri
Vinsonia stellifera

CANARY ISLANDS:

Ceratitidis capitata

CANTON ISLAND:

Prodenia litura

CAPE VERDE ISLANDS:

Callosobruchus maculatus

CAROLINE ISLANDS:

Achatina fulica

CENTRAL AMERICA:

Aleurothrixus myrtacei
Draeculacephala producta

CEYLON:

Dacus dorsalis (?)

CHILE:

Anastrepha fraterculus (?)
Chrysomphalus personatus
Iridomyrmex humilis
Leptoglossus chilensis
Listroderes subcincta
Nysius angustellus
Nysius simulans
Parlatoria cinerea
Pseudococcus gahani

CHINA:

Brevipalpus australis
Brevipalpus phoenicis
Dialeurodes kirkaldyi
Odonaspis greeni
Parlatoria camelliae
Parlatoria zizyphus

COLOMBIA:

Anastrepha fraterculus (?)
Aspidiotus diffinis
Asterolecanium epidendri
Bephrata maculicollis
Cerconota anonella
Furcaspis bifor mis
Heteroder mes convexinotatus
Mecistorhinus marmoratus
Pachybrachius albocinctus
Platypus rugulosus
Stenoma catenifer
Unaspis citri
Vulsitrea violacea

COSTA RICA:

Acanthoscelides armitagei
Acanthoscelides obvelatus
Anastrepha mombinpraeoptans
Aspidiotus palmar
Coccus viridis
Dinoderus biforeolatus
Furcaspis bifor mis
Galgupha punctifer
Protopulvinaria longivalvata
Protopulvinaria pyrifor mis
Pseudischinaspis alienus
Unaspis citri

CRETE:

Parlatoria zizyphus

CUBA:

Anastrepha mombinpraeoptans
Anastrepha suspensa
Asterolecanium epidendri
Callosobruchus maculatus
Coccus viridis
Crociosema plebeiana
Cylas formicarius elegantulus
Euscepes postfasciatus
Pachyzancla periusalis
Pectinophora gossypiella
Pheidole megacephala
Platynota rostrata
Prodenia eridania
Protopulvinaria pyrifor mis
Pseudoparlatoria ostreata
Ribua innoxia

CYPRUS:

Epidiaspis gennadii
Leucaspis pistaciae

DENMARK:

Sparteus villosus

DOMINICA:

Anastrepha mombinpraeoptans

DOMINICAN REPUBLIC:

Aceria gossypii
Anastrepha mombinpraeoptans
Brevipalpus phoenicis
Cylas formicarius elegantulus
Haplothrips gowdeyi
Mimosestes dominicanus
Pectinophora gossypiella
Pheidole megacephala
Tetranychus tumidus
Vinsonia stellifera

ECUADOR:

Lepidosaphes mimosarum (?)
Metamasius sericeus

EGYPT:

Bruchidius incarnatus
Callosobruchus maculatus
Ceratitidis capitata
Dacus oleae
Gnortimoschema ocellatella
Hellula undalis
Litrus junci
Pectinophora gossypiella
Phytomyza rufipes

ENGLAND:

Aleyrodes azaleae
Allantus cinctus
Anuraphis tulipae
Brevipalpus oncidii
Ceutorhynchus pleurostigma
Coeliodes rubicundus
Deroceras reticulatum
Dialeurodes chittendeni (?)

Countries of Origin and Insects—Continued

ENGLAND—Continued

Lepidosaphes tuberculata
Liophloeus tessulatus
Myzus ascalonicus
Rhagoletis cerasi

ENIWETOK:

Parlatoria zizyphus

FIJI ISLANDS:

Melanacanthus ferrugineus
Pachybrachius nigriceps
Perkinsiella rufiensis
Rhabdoscelus obscurus
Spanogonicus albofasciatus

FINLAND:

Argyresthia conjugella

FORMOSA:

Callosobruchus maculatus
Parlatoria zizyphus

FRANCE:

Acrolepis assectella
Anuraphis tulipae
Apion carduorum
Aspidiotus palmarum
Bruchus brachialis
Bruchus erri
Bruchus luteicornis
Bruchus rufipes
Coptophylla gymnaspis
Epidiaspis piriicola
Hellula undalis
Laspeyresia splendana
Leptidiella brevipennis
Parlatoria zizyphus
Penthateus minor
Phyllotreta vittula
Phytomyza rufipes
Polychrosis botrana
Rhagoletis cerasi
Theba pisana

FRENCH EQUATORIAL AFRICA:

Cordylomera spinicornis

FRENCH WEST AFRICA:

Cordylomera spinicornis

GERMANY:

Acrolepis assectella
Agrotis obscurus
Apion craccae
Arge rosae
Athous niger
Baris lepidii
Bruchus luteicornis
Callosobruchus maculatus
Ceutorhynchus pleurostigma
Frankliniella intonsa
Glycyphagus domesticus
Phyllognathus silenus
Rhagoletis cerasi

GREECE:

Acanthoscelides spinipes
Bruchidius nanus
Bruchus brachialis
Bruchus lentis
Bruchus tristiculus
Bruchus tristis
Callosobruchus maculatus
Caryedon fuscus
Ceratitis capitata
Chrysomphalus pinimulifera
Cryptolabes gnidiella
Dacus oleae
Hemimene juliana
Hypsopygia costalis
Laspeyresia splendana
Parlatoria oleae
Polychrosis botrana
Sesamia cretica
Sparticus villosus

GUAM:

Achatina fulica
Agonozena argaule
Aspidiotus destructor
Asterolecanium bambusae
Ceresium unicolor
Dacus dorsalis
Pseudococcus saipanensis
Tetranychus marianae

GUATEMALA:

Acanthoscelides obrepus
Agallia lingula
Anastrepha ludens
Anastrepha mombinpraeoptans
Aspidiotus diffinis
Aulacaspis tubercularis
Chrysomphalus scutiflorus
Diorymerellus laevimargo
Protopulvinaria longivalvata
Vinsonia stellifera

HAITI:

Anastrepha mombinpraeoptans
Coccus viridis
Deroceras reticulatum
Haplothrips gowdeyi
Helix aspersa
Parlatoria zizyphus
Unaspis citri

HAWAII:

Adoretus sinicus
Amorbia emigratella
Antonina graminis
Asterolecanium pustulans
Bradybaena similaris
Caryedon fuscus
Ceratitis capitata
Ceresium unicolor
Coccus viridis
Coptotermes formosanus
Cryptophlebia illepidia
Cryptotermes brevis
Dacus cucurbitae
Dacus dorsalis
Deroceras reticulatum
Diachus auratus
Diocalandra taiwensis
Eurenetis flavistriata
Euscepes postfasciatus
Furcaspis biformis
Gyalopelops pellucidus
Iridomyrmex humilis
Lampides boeticus
Lepidosaphes tokionis
Leucaspis cockerelli
Lyctus linearis
Maruca testulalis
Megacerus alternatus
Mimosestes salicis
Morganella longispina
Nysius coenosulus
Nysius delectus
Oxydema fusiforme
Pachybrachius nigriceps
Pantomorus godmani
Parlatoria crotomis
Parlatoria pseudaspidiolus
Pectinophora gossypiella
Pheidole megacephala
Phenacaspis sandwicensis
Pinnaspis buxi
Plusia chalcites (?)
Polydesma umbricola
Pseudonidia clarigera
Pterolophia alternans
Pulvinaria psidii
Sinoxylon conigerum
Siphanta acuta
Stator limbatus
Stator pruinitus
Sternonchus mangiferae
Sybra alternans
Taeniothrips hawaiiensis
Trogorylon aequale
Xylopsocus castanoptera
Xylothrips religiosus
Xystrocerus globosa

HONDURAS:

Anastrepha mombinpraeoptans
Aspidiotus herculeanus
Moodna bisinuella

HUNGARY:

Dyspessa ulula
Pyrausta nubilalis

ICELAND:

Deroceras reticulatum

Countries of Origin and Insects—Continued

INDIA:

Aonidiella comperi
Brevipalpus australis
Brevipalpus phoenicis
Bruchidius angustifrons
Bruchidius caeruleus
Callosobruchus analis
Callosobruchus maculatus
Callosobruchus phaseoli
Callosobruchus theobromae
Caryedon fuscus
Coccus capparidis
Cylas formicarius, possibly *formicarius*
Lepidosaphes piperis
Lepidosaphes tokionis
Lyctus africanus
Lyctus brunneus
Maruca testulalis
Parlatoria cinerea
Parlatoria crypta
Parlatoria mytilasipiformis
Pinnaspis buxi (?)
Platyedra vilella
Sinozylon conigerum
Sternonchetus mangiferae

IRAN:

Apion assimile
Aspidiotus zonatus
Bruchus tristis
Hypera postica
Nilotaspis halli

IRAQ:

Eurytoma onobrychidis

ISRAEL:

Ceratitis capitata
Ozycarenum hyalinipennis
Parlatoria cinerea

ITALY:

"*Acanthoscelides*" *spinipes*
Acroleptia assectella
Anuraphis schwartzi
Anuraphis tulipae
Apion carduorum
Brachycerus albididentatus
Brachycerus algeris
Bruchidius incarnatus
Bruchus ervi
Bruchus lentis
Bruchus rufipes
Bruchus signaticornis
Bruchus tristis
Callosobruchus maculatus
Ceratitis capitata
Cryptoblabes gnidiella
Curculio elephas
Dacus oleae
Dyspessa ulula
Gortyna flavago
Helix aspersa
Iridomyrmex humilis
Laspeyresia splendana
Lepidosaphes ficus
Parlatoria oleae
Parlatoria zizyphus
Polychrosis botrana (?)
Prays oleellus
Pseudococcus gahani
Pyrausta nubilalis
Rhagoletis cerasi
Sesamia cretica
Sibinia primita
Spartacus villosus
Sphaeroderma testaceum
Systole geniculata

JAMAICA:

Anastrepha mombinpraeoptans
Ancylostomia stercora
Asterolecanium epidendri ?
Asterolecanium miliaris miliaris
Bradybaena similis ?
Callosobruchus maculatus
Chrysomphalus odonotoglossi
Dinoderus bifoveolatus
Fulvius brevicornis
Furcaspsis bifornis
Leucaspis cockerelli

JAMAICA—Continued

Monomorium destructor
Palaeopus costicollis
Pseudococcus boninsis
Vinsonia stellifera

JAPAN:

Adoretus sinicus
Anomala cuprea
Aspidiotus degeneratus
Aspidiotus destructor
Brevipalpus inornatus
Callosobruchus analis
Callosobruchus maculatus
Carposina sasakii
Ceroplastes rubens
Chilo suppressalis
Dialeurodes citri
Dichocrocis punctiferalis
Dinoderus bifoveolatus
Frankliniella formosae
Gracilaria azaleella
Grapholitha molesta
Lepidosaphes newsteadi
Lepidosaphes pallida
Lepidosaphes tokionis
Lepidosaphes tuberculata
Lepidosaphes tubulorum (as defined by Kuwana)
Limax maximus
Maruca testulalis
Megastigmus cryptomeriae
Paratetranychus unguis
Parlatoria zizyphus
Phloeosinus lewisi
"Poliaspis" pini
Pseudococcus pini
Ptochoryctes tsugensis
Putinarina horii
Pyrausta nubilalis
Sinozylon anale
Stephanitis pyroides
Taeniothrips hawaiiensis
Thrips flavus
Unaspis yanonensis

KENYA:

Callosobruchus maculatus

LEBANON:

Bruchidius incarnatus
Bruchus dentipes
Bruchus ervi
Bruchus lentis
Ceratitis capitata (?)
Chrysomphalus inopinatus
Dacus oleae
Iridomyrmex humilis
Limax maximus

LIBERIA:

Bruchus dentipes

LIBYA:

Cryptoblabes gnidiella

MADEIRA ISLANDS:

Ceratitis capitata (?)

MEXICO:

Acalymma trivittata
Acanthoscelides obelatus
Aleurocanthus woglumi
Alpheias conspurata
A morbia emigratella
Anastrepha fraterculus
Anastrepha ludens
Anastrepha mombinpraeoptans
Anastrepha serpentina
Anastrepha striata
Archimerus scutellaris
Aspidiotus candidulus
Aspidiotus diffinis
Automeris boucardi
Blissus leucopterus
Blissus leucopterus insularis
Brevipalpus phoenicis
Cacographis osteolalis
Callosobruchus maculatus
Capaneus tetricus
Caulophilus latinasus
Chalepus bellulus
Chalepus hornianus
Chalepus signatocollis

Countries of Origin and Insects—Continued

MEXICO—Continued

Chelysoma variabilis
Chrysomphalus albopictus
Chrysomphalus decorosus
Chrysomphalus nigropunctatus
Chrysomphalus personatus
Chrysomphalus sphaerioides
Chrysomphalus tenax
Chrysomphalus umboniferus
Conotrachelus aguacatae
Cosmopolites sordidus
Cylas formicarius elegantulus
Dactylopius coccus
Deloyala guttata
Dinaspis aculeata (?)
Diorymerellus laevi margo
Disonycha collata
Draeculacephala producta (?)
Epilachna varivestris
Epinotia opposita
Eutetranychus banksi
Exoptiochomera confusa
Farinococcus guatemalensis (or a very closely related form)
Ferrisia virgata
Fulvius anthoroides
Furcaspis bifor mis
Gerstaeckeria mutillaria
Gnori moschema gudmannella
Heilipus lauri
Heterobostrychus aequalis
Heterotermes convezinotatus
Icerya montserratensis
Iridomyrmex iniquus
Isognathus rimosus inclitus
Lepidosaphes mimosarum
Lepidosaphes philococcus
Ligyrocoris abdominalis
Ligyrocoris aurivilliana
Mecotetartus antennatus
Megacerus leucosomus
Melalgus plicatus
Metamasius sericeus var. *carbonarius*
Monanthia monotropidia
Myodocha longicollis
Neoleucinodes elegantalis
Oedionychis pavoninus
Oedionychis stroguttata
Ogdocoeca biannularis
Ogdocoeca juvenca
Ogdocoeca mexicana
Ozophora consanguineus
Pachyzancla bipunctalis
Parlatoria cinerea
Par menontia valida
Pectinophora gossypiella
Philaenus leucophthalmus
Physonota attenuata
Plagiodera semivittata
Plagiodera thymaloides
Platynota rostrana
Praeblissus albofasciatus
Prodenia eridania
Prodenia ornithogalli
Pseudacysta perseae
Pseudischinaspis alienus
Pseudodiaspis yuccae
Pseudoparlatoria punctata
Puto mexicanus
Rhagoletis juglandis (?)
Rhagoletis pomonella
Sizeonotus luteiceps
Spissistilus festinus
Stenoma catenifer
Stolas illustris
Talponia batesi
Talurus rugosus
Tapinaspis annulus
Tapinaspis wesmaeli
Tenthecoris bicolor
Tenthecoris confusus
Tephritis finalis
Tetraleurodes acaciae
Thecla ziba
Trochuda raspa

MEXICO—Continued

Unaspis citri
Xerococcus fouquieriae
Xerophilaspis prosopidis
MOROCCO:
Akis bacarozzo
Brevipalpus phoenicis
Ceroplastes sinensis
Dyspessa utula
Fortheiria dispar
Theba pisana

MOZAMBIQUE:

Asterolecanium bambusae

NETHERLANDS:

Acrolepia assectella
Acronicta rumicis
Adoxophyes orana
Agriotes obscurus
Anuraphis tulipae
Athous hirtus
Dendrothrips ornatus
Dialeurodes chittendeni
Eriophyes canestrinii
Evergestis forficatis
Glycyphagus domesticus
Gracilaria azalella
Hypera rumicis
Limax marginatus
Liocoris tripustulatus
Liosomaphis berberidis
Myzus ascalonicus
Pyemotes ventricosus
Phagoletis cerasi (?)
Sitona lineata
Thrips flavus
Thrips major
Tyrophagus infestans

NETHERLANDS GUIANA:

Maruca testulalis

NEWFOUNDLAND

Arctothezia cataphracta

NEW GUINEA:

Pheidole megacephala

NEW ZEALAND:

Nysius huttoni

NICARAGUA:

Aeolus pictus
Anastrepha mombinpraeoptans
Anastrepha serpentina (?)
Asterolecanium degeneratum
Leucaspis cockerelli

NIGERIA:

Callosobruchus maculatus
Cylas puncticollis
Sesamia vutieria

NORTHERN IRELAND:

Deroceas reticulatum

PAKISTAN:

Bruchidius angustifrons
Callosobruchus maculatus
Callosobruchus phaseoli
Cerococcus ornatus (?)
Sinoxylon anale

PANAMA:

Acanthoscelides armatagei
Anastrepha mombinpraeoptans
Ancylostomia stercorea
Aspidiotus destructor
Cephalodonta callosa
Chrysomphalus umboniferus
Epinotia opposita
Eucalymnatus tessellatus
Furcaspis bifor mis
Galgapha punctifer
Heterotermes convezinotatus
Laspeyresia leguminis
Leucaspis cockerelli
Metamasius sericeus
Protopulvinaria pyrifor mis
Stenoma catenifer
Vinsonia stellifera

PERU:

Anastrepha fraterculus
Bemisia inconspicua
Epinotia opposita

Countries of Origin and Insects—Continued

PHILIPPINES:

Aspidiotus destructor
Callosobruchus maculatus
Callosobruchus phaseoli
Ceroplastes rubens
Chrysomphalus tingi
Cryptophlebia ombrodelta
Dacus dorsalis (?)
Ferrisia virgata
Nephotettix apicalis
Parlatoria pseudaspidiotus
Parlatoria zizyphus
Pseudococcus lilacinus
Unaspis yanonensis

PHILIPPINES: (?)

Pachybrachius nietneri

POLAND:

Baris lepidii

PORTUGAL:

Aglossa cuprealis
Bruchidius caninus
Bruchus azoricus
Bruchus rufipes
Callosobruchus maculatus
Ceratitis capitata
Cryptoblabes gnidiella
Glycyphagus domesticus
Iridomyrmex humilis
Parlatoria camelliae
Rhagoletis cerasi

PUERTO RICO:

Anastrepha mombinpraeoptans
Ancylostomia stercorea
Coccus viridis
Fundella pelluscens
Maruca testulalis
Pectinophora gossypiella
Pheidole megacephala
Sphenarches caffer

RHODESIA:

Caryope mon cruciger
Chrysogramma octomaculata
Myzus anselliae (?)
Oryzarenus albidipennis

ST. JOHN:

Augochlora cyaneoviridis

ST. KITTS:

Ancylostomia stercorea
Asterolecanium mliaris robustum

ST. THOMAS:

Furcaspis biformis

ST. VINCENT:

Pectinophora gossypiella

SALVADOR:

Anastrepha mombinpraeoptans
Aulacaspis tubercularis
Protopulvinaria longivalvata

SCOTLAND:

Halodapus rufescens (?)
Micrelus ericae
Phytomyza rufipes
Taeniothrips vulgarissimus
Thrips flavus

SENEGAL:

Heliothrips undalis

SIERRA LEONE:

Heliothrips undalis

SOUTH AMERICA:

Anastrepha serpentina

SPAIN:

Brachycerus algerius
Brevipalpus australis
Bruchus luteicornis
Ceratitis capitata
Chilo suppressalis
Coccus viridis
Cryptoblabes gnidiella
Deroceras reticulatum
Parlatoria zizyphus
Polychrosis botrana
Rhagoletis cerasi

SWAN ISLAND:

Coccus viridis
Protopulvinaria pyriformis

SWEDEN:

Agriotes obscurus
Aithya hirtus
Frankliniella tenuicornis
Oedemera annulata
Trapezonotus arenarius

SWITZERLAND:

Gelechia ericetella
Rhagoletis cerasi (?)

SYRIA:

Bruchidius halodendri
Bruchus ervi

THAILAND:

Parlatoria zizyphus

TOBAGO:

Bephrata maculicollis
Cerconota anonella

TORTOLA:

Ancylostomia stercorea
Eucalymnatus tessellatus
Euscapes postfasciatus
"Leucaspis" indica
Vinsonia stellifera

TRIESTE:

Phalonia zephyrana

TRINIDAD:

Acanthoscelides armitagei
Anastrepha mombinpraeoptans
Ancylostomia stercorea
Asterolecanium epidendri
Canthon triangularis
Cerconota anonella
Furcaspis biformis
Leucaspis cockerelli
Parlatoria cinerea
Pheidole megacephala
Platynota rostrata
Protopulvinaria longivalvata
Pseudonidia tritobififormis
Tenuipalpus pacificus
Unaspis citri
Vinsonia stellifera

TURKEY:

Brachyplax palliata
Bruchidius gilvus
Bruchus rufipes
Bruchus tristis
Bruchus ulicis
Callosobruchus maculatus

UNION OF SOUTH AFRICA:

Aegaleus bicinctus
Blissus diplopterus
Ceratitis capitata
Diplozys capensis
Eysarcoris inconspicuous
Frankliniella schultzei
Iridomyrmex humilis
Oryzarenus albidipennis
Paromius gracilis
Phytocinus callosus
Pulvinaria mesembryanthemi

UNKNOWN:

Algarobius prosopis
Anastrepha ludens
Illeobrostrychus aequalis
Monomorium destructor
Pachybrachius nietneri

VENEZUELA:

Aulacaspis tubercularis
Cylas formicarius elegantulus
Epinotia opposita
Eurytoma orchidearum
Iridomyrmex iniquus
Mocis repanda
Pseudischaspis alienus
Sennius alticola
Stenoma catenifer
Tentecoris venezuelensis

VIRGIN CORDA:

Ancylostomia stercorea

VIRGIN ISLANDS:

Callosobruchus maculatus
Monomorium destructor

Countries of Origin and Insects—Continued

WAKE:

Aonidiella inornata

WALES:

Deroceras reticulatum

WEST AFRICA:

Olethreutes leucotreta

YUGOSLAVIA:

*Agriotes obscurus**Baris lepidii**Bruchus tristis**Curculio elephas**Laspeyresia splendana**Pyrausta nubilalis*

Pests (diseases) collected and reported from July 1, 1953, through June 30, 1954

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Achorella attaleae</i> F. L. Stevens: Palm	Mexico		1		Tex.
† <i>Acroboloides butschlii</i> (De Man) Steiner & Buhrer: <i>Hyacinthus</i> sp.	France			1	N. Y.
<i>Aphelenchoides subtennis</i> Cobb: <i>Narcissus</i> sp.	France, Italy			4	N. Y.
<i>Aphelenchus avenae</i> Bastian: <i>Hyacinthus</i> sp.	France			1	N. Y.
<i>Aschersonia goldiana</i> Sacc. & Ell.: <i>Chamaedorea oblongata</i>	Mexico	1			Tex.
<i>Aschersonia turbinata</i> Berk.: <i>Chamaedorea</i> sp.	do	1			Tex.
<i>Ascochyta citri</i> Penz.: <i>Citrus paradisi</i> (grapefruit)	Brazil		1		Tex.
<i>Citrus sinensis</i> (orange)	Union of South Africa		1		Md.
<i>Ascochyta scabiosa</i> Fekl.: <i>Scabiosa caucasica</i> var.	Netherlands			1	N. J.
<i>Asperisporium caricae</i> (Speg.) Maubl.: <i>Carica papaya</i> (papaya)	Cuba		1		Pa.
<i>Botryosphaeria ribis</i> Gross. & Dug.: Bromeliad	Mexico			1	Ariz.
<i>Cercospora angolensis</i> Carvalho & Mendes (?): <i>Citrus sinensis</i> (?) (orange)	Angola	1			Calif.*
<i>Citrus</i> sp.	do	1			Calif.*
<i>Cercospora angraci</i> Fueill. & Roum.: <i>Cattleya skinneri</i> (orchid)	Mexico			1	Tex.
† <i>Cercospora apii</i> Fres.: <i>Apium graveolens</i> (celery)	Uruguay		1		Pa.
<i>Cercospora cyripedii</i> Ell. & Dearn.: <i>Lycaste</i> sp. (?) (orchid)	Colombia			1	Fla.
<i>Cercospora handelii</i> Bub.: <i>Rhododendron catawbiense</i>	Netherlands			1	N. J.
<i>Cercospora insulana</i> Sacc.: <i>Armeria</i> sp. (thrift)	Mexico	1			Tex.
<i>Cercospora mangiferae</i> Koord.: <i>Mangifera indica</i> (mango)	do	1			Tex.
<i>Cercospora musae</i> Zimm.: <i>Musa paradisiaca sapientum</i> (banana)	Colombia, Mexico	3	1		Calif., Tex.
<i>Cercospora myrticola</i> Speg.: <i>Myrtus communis</i> (myrtle)	Greece		1		Mass.
† <i>Cercospora personata</i> (Berk. & Curt.) Ell. & Ev.: <i>Arachis hypogaea</i> (peanut)	Dominican Republic			1	P. R.
<i>Cercospora purpurea</i> Cke.: <i>Persea americana</i> (avocado)	Venezuela	1			P. R.
† <i>Cercospora rosicola</i> Pass.: <i>Rosa</i> sp. (rose)	Salvador	1	1		Calif.*
<i>Cerebella andropogonis</i> Ces.: <i>Panicum purpurascens</i>	Puerto Rico			1	D. C.
<i>Paspalum dilatatum</i> (Dallas grass)	Australia	1		2	N. Y., Pa.
<i>Chrysomya rhododendri</i> (DC.) d By.: <i>Rhododendron ferrugineum</i> (rock rhododendron)	Austria, Switzerland	17	1	2	N. J., N. Y.
<i>Rhododendron indicum</i> (indica azalea)	Japan			1	Wash.
<i>Rhododendron</i> sp.	Austria			1	N. J.
<i>Cladosporium orchidearum</i> Cke. & Mass.: <i>Oncidium</i> sp. (orchid)	Mexico			1	Tex.
<i>Cladosporium oryzae</i> Sacc. & Syd.: <i>Oryza sativa</i> (rice)	India	1			Wash.
<i>Clonostachys araucaria</i> Cda. var. <i>rosea</i> Preuss: <i>Solanum tuberosum</i> (potato)	Azores		1		N. Y.
† <i>Coccomyces hiemalis</i> Higgins: <i>Prunus</i> sp. (cherry)	Canada			1	N. Y.
<i>Coleosporium bletiae</i> Diet.: <i>Phajus waltichi</i> (orchid)	India			2	N. J.
† <i>Coleosporium campanulae</i> (Pers.) Lev.: <i>Campanula rotundifolia</i> (bluebell)	Norway			1	N. Y.
<i>Colletotrichum arecae</i> Syd.: <i>Areca cathecu</i> (betel palm)	Guam	4			Tex.
† <i>Colletotrichum cinctum</i> (Berk. & Curt.) Ston.: <i>Zygopetalum</i> sp. (orchid)	Brazil			1	N. J.
<i>Colletotrichum graminicola</i> (Ces.) G. W. Wils.: <i>Anthoschmidtia bulbosa</i>	Union of South Africa			1	D. C.

See footnotes at end of table.

Pests (diseases) collected and reported from July 1, 1953, through June 30, 1954—Con.

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Colletotrichum liliacearum</i> Ferr.:					
<i>Ornithogalum</i> sp.	Union of South Africa			1	N. Y.
† <i>Colletotrichum orchidearum</i> Allesch.:					
<i>Cymbidium</i> sp. (orchid)	Netherlands	1			N. Y.
<i>Colletotrichum philodendri</i> P. Henn.:					
<i>Philodendron</i> sp.	Mexico			1	Ariz.
<i>Colletotrichum piperis</i> Petch:					
<i>Piper nigrum</i> (black pepper)	India			1	D. C.
<i>Coniothyrium cytisellum</i> (Pass. & Thuem.) Sacc.:					
<i>Laburnum watereri</i> (waterer laburnum)	Netherlands			25	N. Y.
<i>Coryneum microstictum</i> Berk. & Br.:					
<i>Cornus alba sibirica</i>	England			1	N. J.
<i>Cryptospora longispora</i> Servazzi:					
<i>Araucaria excelsa</i> (Norfolk-Island-pine)	Australia, Norfolk Island.			12	Calif.*, Fla., N. J.
<i>Curvularia lunata</i> (Wakk.) Boed.:					
<i>Ananas</i> sp.	Colombia			1	Hawaii.
<i>Capsicum frutescens</i> (pepper)	do		1		Tex.
<i>Sorghum vulgare</i> (sorghum)	India			1	D. C.
† <i>Cylindrosporium pomi</i> C. Brooks:					
<i>Malus sylvestris</i> (apple)	Italy		1		Pa.
<i>Cytospora ambiens</i> Sacc.:					
<i>Salix</i> sp. (willow)	do	1			Pa.
<i>Ulmus</i> sp. (elm)	Canada	1			N. Y.
<i>Cytospora mali</i> Grove:					
<i>Malus</i> sp.	England			1	Calif.*
<i>Cytospora palmarum</i> Cke. (?):					
<i>Cocos nucifera</i> (coconut)	South Pacific	1			Calif.*
<i>Dasycephala virginea</i> (Batsch.) Fekl.:					
<i>Rhododendron</i> sp.	Netherlands			1	N. J.
<i>Dendryphium cladosporioides</i> Ell. & Ev.:					
<i>Pueraria lobata</i> (kudzu-bean)	China	1			Calif.*
<i>Didymium zanthopus</i> Fr.:					
<i>Musa paradisiaca sapientum</i> (banana)	Mexico			1	Tex.
<i>Diplodia ananassae</i> Sacc.:					
<i>Ananas comosus</i> (pineapple)	Dominican Republic			2	P. R.
<i>Diplodia epicoccos</i> Cke.:					
<i>Cocos nucifera</i> (coconut)	Guam, Philippines		2		Hawaii, Pa.
† <i>Diplodia salicina</i> Lev.:					
<i>Salix</i> sp. (willow)	Italy	1			Pa.
<i>Diplodina eurhododendri</i> Voss:					
<i>Rhododendron catawbiense</i>	Netherlands			1	N. J.
<i>Diplodina grossulariae</i> Sacc. & Briard:					
<i>Ribes</i> sp. (currant)	Canada			1	N. Y.
<i>Diplodina rostrupii</i> Vest.:					
<i>Leucothoe catesbaei</i>	Netherlands			1	N. J.
<i>Ditylenchus hyacinthi</i> (Prillieux):					
<i>Narcissus</i> sp.	France			1	N. Y.
† <i>Doassansia sagittariae</i> (West.) Fisch. v. Waldh.:					
<i>Sagittaria</i> sp.	Mexico	1			Tex.
<i>Elsinoe australis</i> Bitanc. & Jenkins:					
<i>Citrus aurantifolia</i> (sour lime)	Brazil		2		Calif., La.
<i>Citrus aurantium</i> (sour orange)	do		1		Tex.
<i>Citrus limon</i> (lemon)	Argentina, Brazil	1	15		Ala., Calif.*, La., N. Y., Pa., P. R., Tex.
<i>Citrus paradisi</i> (grapefruit)	Paraguay		1		N. Y.
<i>Citrus reticulata</i> (Mandarin orange)	Argentina		1		Pa.
<i>Citrus sinensis</i> (orange)	Argentina, Brazil, Uruguay.		40		Calif.*, La., Md., Mass., N. Y., Pa., Tex.
<i>Citrus</i> sp. (orange)	Brazil	1			Ala.
<i>Elsinoe phaseoli</i> Jenkins:					
<i>Phaseolus lunatus macrocarpus</i> (lima bean)	Puerto Rico	3			P. R.
<i>Entyloma brizae</i> Unamuno & Cif.:					
<i>Briza</i> sp.	Azores	1			Mass.
<i>Entyloma camusianum</i> P. Har.:					
<i>Phleum</i> sp.	Afghanistan			1	D. C.

See footnotes at end of table.

Pests (diseases) collected and reported from July 1, 1953, through June 30, 1954—Con.

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Epicoccum cocos</i> F. L. Stevens:					
<i>Cocos nucifera</i> (coconut).....	Guam.....	1		1	Hawaii.
Basket—woven.....	Ceylon.....	1			Hawaii.
<i>Epidochium oryzae</i> Miyake:					
<i>Oryza sativa</i> (rice).....	India.....	1			Md.
<i>Eutypella stellulata</i> (Fr.) Sacc.:					
<i>Morus</i> sp. (mulberry).....	Bahamas.....			2	Tex.
† <i>Fabraea maculata</i> Atk.:					
<i>Crataegus</i> sp.....	Canada.....			1	N. Y.
<i>Fusariella obstipa</i> (F. Pollack) Hughes:					
<i>Zingiber officinale</i> (ginger).....	China.....	1			Calif.*
<i>Fusarium orthoceras</i> App. & Wr.:					
<i>Prunus persica</i> (peach).....	Japan.....		1		Wash.
† <i>Fusarium poae</i> (Pk.) Wr.:					
<i>Dianthus</i> sp. (carnation).....	Costa Rica.....		1		Fla.*
<i>Fusicladium depressum</i> (Berk. & Br.) Sacc.:					
<i>Foeniculum vulgare</i> (fennel).....	Italy.....		1		Pa.
† <i>Fusicladium eriobotryae</i> (Cav.) Sacc.:					
<i>Eriobotrya japonica</i> (loquat).....	Azores.....	2			Mass.
<i>Gloeosporium catechu</i> Syd.					
<i>Areca catechu</i> (betel palm).....	Guam.....	1			Tex.
† <i>Gloeosporium elasticum</i> (Thuem.) Cke. & Mass.:					
<i>Ficus elastica</i> (Indian rubber tree).....	Belgium.....			1	N. J.
<i>Gloeosporium mangiferae</i> Del.:					
<i>Mangifera indica</i> (mango).....	Martinique.....	1			St. Thomas & St. John.
† <i>Gloeosporium piperatum</i> Ell. & Ev.:					
<i>Capiscum frutescens</i> (pepper).....	Australia.....	1			Hawaii.
<i>Gloeosporium rhododendri</i> Briosi & Cav.:					
<i>Rhododendron</i> sp.....	England.....			1	N. J.
† <i>Graphium rigidum</i> (Pers.) Sacc.:					
<i>Quercus variabilis</i> (oriental oak).....	Japan.....			1	Calif.*
<i>Guignardia traversi</i> (Cav.) Lind.:					
<i>Stanhopea</i> sp. (orchid).....	Mexico.....			1	Tex.
<i>Gymnosporangium juniperinum</i> Fr.:					
<i>Juniperus communis</i> (juniper).....	Sweden.....			1	N. Y.
<i>Helminthosporium carposaprum</i> F. Pollack:					
<i>Lycopersicon esculentum</i> (tomato).....	Panama.....	1			Pa.
† <i>Helminthosporium oryzae</i> B. de Haan:					
<i>Oryza sativa</i> (rice).....	Formosa.....			1	D. C.
<i>Heterodera avenae</i> Eidam:					
Soil with amaryllis plants.....	Netherlands.....			1	N. Y.
Soil with apple scions.....	Italy.....			1	N. Y.
Soil with bagging.....	Netherlands, Scotland.....	2			N. Y.
Soil with beets.....	Netherlands.....		1		Va.
Soil with fig trees.....	Italy.....			2	N. Y.
Soil with garlic.....	Italy, Spain.....	2			N. Y.
Soil with grass.....	Canada.....			1	N. J.
Soil with holly seedlings.....	Ireland.....			1	N. Y.
Soil with horseradish.....	Denmark, Germany.....	6		1	N. Y.
Soil with lily-of-the-valley pips.....	do.....			2	N. Y.
Soil with unidentified plants.....	England, Italy.....	1		2	N. Y.
Soil with potatoes.....	England, Mexico (?).....		2		Tex.
Soil with roses.....	Germany.....			3	N. J.
Soil with sedum plants.....	Netherlands.....			1	N. Y.
Soil with spruce trees.....	Sweden.....			1	N. Y.
Soil with taro roots.....	Japan.....			2	N. Y.
<i>Heterodera cacti</i> Filip. & Schuur, Stek.:					
Soil.....	Mexico.....	2			Tex.
Soil with agave plant.....	do.....			1	Tex.
Soil with amaryllis bulbs.....	do.....			1	Tex.
Soil with begonia plant.....	do.....			1	Tex.
Soil in box car.....	do.....			1	Tex.
Soil with bulbs.....	do.....			1	Tex.
Soil with cactus plants.....	Argentina, France, Italy, Japan, Mexico, Switzerland.....	1		35	Ariz., Calif., N. J., N. Y., Tex.
Soil with cactus, agave, and palm plants.....	Israel.....			1	N. Y.
Soil with carnation plant.....	Mexico.....			1	Tex.
Soil with garlic.....	do.....	2			Tex.
Soil with medicinal root.....	do.....	1			Tex.
Soil with philodendron plant.....	do.....			1	Tex.

See footnotes at end of table.

Pests (diseases) collected and reported from July 1, 1953, through June 30, 1954—Con.

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Heterodera cacti</i> —Continued					
Soil with unidentified plants	Mexico			8	N. Y., Tex.
Soil with potatoes	do.	1	11		Ariz., Tex.
Soil with roses	do.			1	Tex.
Soil with sansevieria, begonia, and <i>Syngonium</i> sp. plants.	France			1	N. Y.
<i>Heterodera punctata</i> Thorne:					
Soil	Norway			1	N. Y.
Soil with asparagus fern	England			1	N. Y.
Soil with bagging	Scotland	1			Va.
Soil with miniature cactus garden	Mexico	1			Tex.
Soil with clematis and daisy plants	England			1	N. Y.
Soil with compost with <i>Cymbidium</i> sp.	do.			1	N. J.
Soil with <i>Cymbidium</i> sp. plants	do.			6	N. J.
Soil with dahlia tubers	England, France			2	N. Y.
Soil with heather	Scotland			1	N. Y.
Soil with horseradish	Denmark, Germany	15			N. Y.
Soil with ivy plants	Norway			1	N. Y.
Soil with lilac plants	Ireland	1			N. Y.
Soil with lily-of-the-valley plants	Germany			1	N. Y.
Soil with onions	Netherlands	1			N. Y.
Soil with pepper plants	England			1	N. Y.
Soil with pink plants	do.			1	N. Y.
Soil with unidentified plants	England, Ireland, Poland, Wales.			4	N. Y.
Soil with potatoes	Chile		1		N. Y.
Soil with primrose plants	England			2	N. Y.
Soil with primrose and acanthus plants	do.			1	N. Y.
Soil with rose plants	Germany, Ireland			2	N. J., N. Y.
Soil with rose and geranium plants	England			1	N. Y.
Soil with rose, holly, and box plants	do.			1	N. Y.
Soil with squill bulbs	Wales			1	N. J.
Soil with shamrock plants	Ireland			2	Mass., N. Y.
Soil with spruce trees	Norway			1	N. Y.
Soil with strawberry plants	Belgium			1	N. Y.
Soil with tulips and ferns	England		1		Pa.
<i>Heterodera rostochiensis</i> Wr.:					
Soil	do.	1			N. Y.
Soil with asparagus fern	do.			1	N. Y.
Soil with azalea plants	Germany			1	N. Y.
Soil with bagging	England, Scotland	22			Calif.,* Md., N. Y., Va.
Soil with begonia plants	Scotland	1			N. Y.
Soil with bellflower plants	England			1	N. Y.
Soil with castor bean seedlings	Ireland			1	N. Y.
Soil with chrysanthemum cuttings	England			1	N. Y.
Soil with currant plants	Germany			1	N. Y.
Soil with fir trees	do.		1		Pa.
Soil with fritillary bulbs	England			1	N. Y.
Soil with garlic	Peru	1			N. Y.
Soil with geranium plants	Mexico			2	Tex.
Soil with grape-hyacinth, crocus, and galanthus bulbs.	England			1	N. J.
Soil with clumps of grass	Denmark			1	N. Y.
Soil with heather plants	Scotland			2	N. Y.
Soil with horseradish	Denmark, Germany, Poland.	20		1	N. J., N. Y.
Soil with hyacinth bulbs	England			1	N. Y.
Soil with ivy plants	Scotland			1	N. Y.
Soil with lilac plants	Ireland	1			N. Y.
Soil with lily-of-the-valley pips	Germany			2	N. Y.
Soil with unidentified plants	England, Germany, Mexico.			7	Ill., N. Y., Tex.
Soil with potatoes	Argentina, England, Ireland, Mexico, Peru, unknown.	1	10	1	Calif.,* La., N. Y., Pa., Tex.
Soil with primrose, chrysanthemum and gallardia plants.	Germany			1	N. Y.
Soil with succulent plants and black narcissus bulbs.	Mexico			1	Tex.
Soil with privet and lily plants	England			1	N. Y.

See footnotes at end of table.

Pests (diseases) collected and reported from July 1, 1953, through June 30, 1954—Con.

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Heterodera rostochienis</i> Wr—Continued					
Soil with sedum plants	England			1	N. Y.
Soil with shamrocks	Northern Ireland			1	N. Y.
Soil with squill bulbs	England			1	N. Y.
Soil with strawberry plants	Germany			1	N. Y.
Soil with thyme plants	Belgium			1	N. Y.
Soil on used truck	Netherlands	1			N. Y.
Soil with tulips and ferns	England		1		Pa.
† <i>Heterosporium echinulatum</i> (Berk.) Cke.:					
<i>Dianthus</i> sp. (carnation)	Salvador	1	1		Calif., La.
† <i>Heterosporium iridis</i> (Fautr. & Roum.) Jacques:					
<i>Iris germanica</i> (German iris)	Australia			1	Calif.*
† <i>Isariopsis clavispora</i> (Berk. & Curt.) Sacc.:					
<i>Vitis</i> sp. (grape)	Brazil		2		Tex.
<i>Kuehneola japonica</i> Diet.:					
<i>Rosa</i> sp.	Japan	1			Hawaii.
<i>Leptosphaeria rusci</i> (Wallr.) Sacc.:					
<i>Ruscus</i> sp.	Hashemite Kingdom of the Jordan, Italy.	8			N. Y., Pa.
<i>Macrophoma araucariae</i> Del.:					
<i>Araucaria cunninghamii</i>	Australia			1	Calif.*
<i>Araucaria excelsa</i> (Norfolk-Island-pine)	Norfolk Island			1	Calif.*
† <i>Macrophoma musae</i> (Cke.) Berl. & Vogl.:					
<i>Musa paradisiaca sapientum</i> (banana)	Ceylon	1			N. Y.
<i>Macrophoma opunticola</i> (Speg.) Sacc. & Syd.:					
<i>Notocactus</i> spp.	Argentina			1	Calif.*
<i>Opuntia</i> sp. (cactus)	Mexico			1	Tex.
<i>Macrophomina phaseolina</i> (Tassi) Goid.:					
<i>Acidanthra bicolor</i>	Union of South Africa			1	Calif.*
<i>Gladiolus</i> sp.	Japan			2	Calif.*
<i>Ipomoea batatas</i> (sweetpotato)	Mexico	1			Tex.
<i>Marssonina rosae</i> (Lib.) Lind.:					
<i>Rosa</i> sp.	South America			1	P. R.
<i>Meliola citricola</i> Syd.:					
<i>Citrus limon</i> (lemon)	Egypt		1		Calif.*
<i>Meloidogyne arenaria</i> (Neal) Chitwood:					
<i>Pachyrhizus tuberosus</i> (West Indies yambean)	Mexico	1			Tex.
<i>Meloidogyne arenaria</i> (Neal) Chitwood (?):					
Soil in railway car of potatoes	do		1		Tex.
<i>Meloidogyne hapla</i> Chitwood:					
<i>Dahlia</i> sp.	Japan			1	Wash.
<i>Meloidogyne incognita</i> (Kofoid & White) Chitwood:					
<i>Chrysanthemum</i> sp.	do			2	Calif.,* Fla.
<i>Memmoniella echinata</i> (Riv.) L. D. Gall.:					
<i>Cymbidium giganteum</i> (orchid)	India			1	Calif.*
Grass—unidentified	China	1			Calif.*
<i>Oryza sativa</i> (rice)	Japan		1		Mass.
<i>Zingiber officinale</i> (ginger)	Tahiti	2			Calif.*
† <i>Monilinia fructicola</i> (Wint.) Honey:					
<i>Malus sylvestris</i> (apple)	New Zealand	1			N. Y.
<i>Monilinia fructigena</i> (Adher. & Ruhl.) Honey:					
<i>Malus sylvestris</i> (apple)	England		1		Pa.
† <i>Mycosphaerella fragariae</i> (Tul.) Lindau:					
<i>Fragaria</i> sp. (strawberry)	Dominican Republic			1	P. R.
<i>Mycosphaerella hondai</i> Miyake:					
<i>Oryza sativa</i> (rice)	Japan	1			Calif.*
† <i>Mycosphaerella rosigena</i> (Ell. & Ev.) Lindau:					
<i>Rosa</i> sp.	Venezuela	1			P. R.
<i>Mycosphaerella schoenoprasii</i> (Kabenh.) Schroet.:					
<i>Allium fistulosum</i> (Welsh onion)	Japan		18		Pa.
<i>Allium porrum</i> (leek)	do		1		Pa.
<i>Mycocopron orchidearum</i> (Mont.) Sacc.:					
Orchid	Mexico			1	Ariz.
<i>Nigrospora oryzae</i> (Berk. & Br.) Petch:					
<i>Oryza sativa</i> (rice)	India	1			Ill.
<i>Omphalia flava</i> (Cke.) Maubl. & Rangel.:					
<i>Gardenia augusta</i> (gardenia)	Mexico	2	1		Tex.
<i>Oospora microcarpa</i> Schultz & Sacc.:					
<i>Chamaecyparis</i> sp.	Netherlands			1	N. J.
<i>Ophiotoma narcissi</i> Limber:					
<i>Narcissus</i> sp.	England, Netherlands, Northern Ireland.			5	N. J.

See footnotes at end of table.

Pests (diseases) collected and reported from July 1, 1953, through June 30, 1954—Con.

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Papularia vinosa</i> (Berk. & Curt.) Mason:					
<i>Saccharum officinarum</i> (sugarcane)	Hawaii	1			Hawaii.
<i>Pestalotia conspicua</i> Servazzii:					
<i>Cymbidium</i> "Gossoon var. Dorothy" (orchid)	Australia			1	Hawaii.
<i>Dendrobium musciferum</i> (orchid)	New Guinea			2	Hawaii.
<i>Epidendrum fragrans</i> (orchid)	Trinidad			1	Hawaii.
<i>Pestalotia funerea</i> Desm.:					
<i>Cedrus</i> sp. (cedar)	Canada	1			N. Y.
† <i>Pestalotia micheneri</i> Guba:					
<i>Araucaria cunninghami</i>	Australia, China			2	Calif., Fla.
<i>Araucaria excelsa</i> (Norfolk-Island-pine)	Norfolk Island			1	
<i>Pestalotia psidii</i> Pat.:					
<i>Psidium guajava</i> (guava)	Mexico	2			Tex.
<i>Pestalotia rhododendri</i> (D. Sacc.) Guba:					
<i>Rhododendron indicum</i>	Belgium			1	N. J.
<i>Phoma araucariae</i> Trav.:					
<i>Araucaria excelsa</i> (Norfolk-Island-pine)	Australia			1	Calif.*
<i>Phoma citricarpa</i> McAlp.:					
<i>Citrus limon</i> (lemon)	Australia, Fiji Islands, New Zealand			7	Calif., Hawaii, Mass., Tex.
<i>Citrus paradisi</i> (grapefruit)	Australia			1	Mass.
<i>Citrus reticulata</i> (Mandarin orange)	China, Formosa, Japan	28	1		Alaska, Calif., Mass., N. Y., Pa., Tex., Wash.
<i>Citrus sinensis</i> (orange)	Australia, China, Japan, Mozambique, Union of South Africa, unknown	13	19		Calif., D. C., Md., Mass., N. Y., Pa., Tex.
<i>Citrus</i> sp. (orange)	China	2			Oreg.
<i>Citrus</i> sp.	China, Hawaii, Japan	7			Hawaii, Ill., Tex.
<i>Phoma insidiosa</i> Tassi:					
<i>Sorghum vulgare</i> (sorghum)	Anglo-Egyptian Sudan			1	D. C.
† <i>Phoma lingam</i> (Tode) Desm. f. <i>napobrassicae</i> Rostr.:					
<i>Brassica napobrassica</i> (rutabaga)	New Zealand			1	Pa.
<i>Phoma psidii</i> P. Henn.:					
<i>Psidium guajava</i> (guava)	Mexico	3			Tex.
<i>Phoma subdariffae</i> Sacc.:					
<i>Hibiscus cannabinus</i> (kenaf hibiscus)	Cuba	1			Pa.
† <i>Phoma subcircinata</i> Ell. & Ev.:					
<i>Phaseolus lunatus macrocarpus</i> (lima bean)	Puerto Rico	1			P. R.
<i>Phomopsis cocoes</i> Petch:					
<i>Cocos nucifera</i> (coconut) (?)	Guam	1			Calif.*
† <i>Phomopsis cryptica</i> (Sacc.) Hoehn.:					
<i>Lonicera</i> sp.	France			1	Pa.
<i>Phomopsis gloriosa</i> (Sacc.) Trav.:					
<i>Agave</i> sp.	Mexico			1	Ariz.
<i>Phomopsis palmicola</i> (Wint.) Sacc.:					
<i>Aiphanes</i> sp. (palm)	Canal Zone			1	Wash.
<i>Areca catechu</i> (betel palm)	Guam	1			Tex.
† <i>Phragmidium disciflorum</i> (Tode) James (?):					
<i>Rosa</i> sp.	Guatemala			1	Calif.*
† <i>Phyllachora canafistulae</i> F. L. Stevens & Dalbey:					
<i>Cassia fistula</i> (golden-shower)	Canal Zone			1	Fla.
<i>Cassia grandis</i> (pink-shower)	do.			1	Fla.
<i>Phyllachora cynodontis</i> (Sacc.) Niessl:					
<i>Cynodon dactylon</i> (Bermuda grass)	Spain	1			P. R.
† <i>Phyllachora graminis</i> (Pers.) Fekl.:					
Leaves and glumes—unidentified	India			1	D. C.
<i>Phyllachora orbicula</i> Rehm.:					
Bamboo	China	1			N. Y.
<i>Phyllachora philodendronis</i> Pat.:					
<i>Philodendron hoffmanni</i>	Costa Rica			1	Hawaii.
† <i>Phyllosticta draconis</i> Berk.:					
<i>Dracaena fragrans</i> (?)	Brazil			1	Pa.

See footnotes at end of table.

Pests (diseases) collected and reported from July 1, 1953, through June 30, 1954—Con.

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Phyllosticta hedericola</i> Dur. & Mont.: <i>Fatschedera</i> sp.	Belgium			1	N. J.
† <i>Phyllosticta kalmicola</i> (Schw.) Ell. & Ev.: <i>Kalmia latifolia</i> (mountain-laurel)	England		2		Mass.
† <i>Phyllosticta laeliae</i> Keissl.: <i>Dendrobium infundibulum</i> (orchid)	Ceylon			1	Hawaii.
<i>Epidendrum fragrans</i> (orchid)	Trinidad			1	Hawaii.
<i>Phyllosticta micrococcoides</i> Penz. (?): <i>Citrus limon</i> (lemon)	Thailand	1			Hawaii.
<i>Phyllosticta ruscicola</i> Dur. & Mont.: <i>Ruscus</i> sp.	Italy	2			La., Pa.
† <i>Physalospora obtusa</i> (Schw.) Cke.: <i>Vitis</i> sp. (grape)	Yugoslavia			1	Calif.*
† <i>Physopella vitis</i> (Thuem.) Arth.: <i>Vitis caribaea</i>	Puerto Rico	1			Pa.
† <i>Piricularia oryzae</i> Cav.: <i>Oryza sativa</i> (rice)	India	2			Ill.
<i>Pleospora gigantea</i> (Mont.) Sacc.: <i>Agave</i> sp.	Mexico			1	Tex.
† <i>Puccinia absinthii</i> (Hedw.) DC.: <i>Artemisia drunculus</i> (tarragon)	Italy	1			N. Y.
<i>Puccinia arachidis</i> Speg.: <i>Arachis hypogaea</i> (peanut)	Dominican Republic			2	P. R.
<i>Puccinia belamcandae</i> (P. Henn.) Diet.: <i>Belamcanda</i> sp.	India			1	N. J.
<i>Puccinia chrysanthemi</i> Roze: <i>Chrysanthemum morifolium</i> (chrysanthemum)	Japan		1		Wash.
<i>Chrysanthemum</i> sp.	do	1	1		Hawaii.
† <i>Puccinia coronata</i> Cda.: <i>Avena sativa</i> (oat)	Greece	1			D. C.
† <i>Puccinia glumarum</i> (Schm.) Eriks. & E. Henn.: <i>Fomus</i> sp.	Afghanistan			2	D. C.
<i>Hordeum bulbosum</i> (bulbous barley)	Morocco			1	D. C.
<i>Triticum aestivum</i> (wheat)	Germany, Netherlands	2			Ill., Tex.
† <i>Puccinia graminis</i> Pers. var. <i>tritici</i> Eriks. & E. Henn.: <i>Triticum aestivum</i> (wheat)	Yugoslavia	1			N. Y.
<i>Puccinia horiana</i> P. Henn.: <i>Chrysanthemum</i> sp.	Japan	2	3		Hawaii.
† <i>Puccinia ignava</i> Arth.: <i>Bamboo</i>	China	1			N. Y.
<i>Bambusa</i> sp.	do	1			Calif.*
<i>Puccinia ornithogali-thyrsoideis</i> Diet.: <i>Ornithogalum thyrsoideis</i> (chinkerichiee)	Union of South Africa	5			Mich., N. Y.
† <i>Puccinia rubigo-vera</i> (DC.) Wint. var. <i>tritici</i> (Eriks. & E. Henn.) Carl.: <i>Triticum aestivum</i> (wheat)	Mexico	1			Tex.
† <i>Pucciniastrum sparsum</i> (Wint.) Fisch: <i>Arbutus menziesii</i> (madrone)	Canada			1	Wash.
<i>Pyrenochaeta oryzae</i> Shirai: <i>Oryza sativa</i> (rice)	Japan	1			Calif.*
<i>Pyrenochaeta terrestris</i> (Hans.) Gorenz: <i>Primula</i> sp.	Netherlands			1	N. J.
† <i>Ramularia tulasnei</i> Sacc.: <i>Fragaria</i> sp. (strawberry)	Czechoslovakia			1	Ill.
† <i>Scirrhodopsis bambusae</i> (Turc.) Trott.: <i>Bambusa</i> sp.	China	1			Calif.*
<i>Sclerotopsis testudinea</i> Dearn.: <i>Paeonia suffruticosa</i> (tree peony)	Japan			37	Calif.*
<i>Selenophoma donacis</i> (Pass.) Sprague & A. G. Johnson var. <i>stomaticola</i> (Baeumler) Sprague & A. G. Johnson: <i>Festuca rubra</i> (red fescue)	Iceland			1	D. C.
† <i>Septoria bromi</i> Sacc.: <i>Bromus</i> sp.	Afghanistan			2	D. C.*
<i>Septoria citri</i> Pass.: <i>Citrus limon</i> (lemon)	Greece, Italy		2		Calif., Pa.
<i>Citrus paradisi</i> (grapefruit)	Japan		1		Calif.*
<i>Citrus reticulata</i> (Mandarin orange)	Greece, Italy	1	2		Tex.
<i>Citrus sinensis</i> (orange)	Israel, Japan		3		Calif.*

See footnotes at end of table.

Pests (diseases) collected and reported from July 1, 1953, through June 30, 1954—Con.

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
† <i>Septoria exotica</i> Speg.: <i>Hebe</i> sp.....	Ireland.....	1	—	—	N. Y.
† <i>Septoria nodorum</i> Berk.: <i>Triticum aestivum</i> (wheat).....	Germany.....	2	—	—	Ill., N. Y.
<i>Septoria posekensis</i> Sacc.: <i>Coelogyne elata</i> (orchid).....	India.....	—	—	1	Calif.*
<i>Cymbidium cochleare</i> (orchid).....	do.....	—	—	2	Calif.*
<i>Cymbidium deonianum</i>	do.....	—	—	1	Calif.*
<i>Cymbidium whiteae</i>	do.....	—	—	1	Calif.*
<i>Cypripedium fairieanum</i> (orchid).....	India.....	—	—	2	Calif.*
<i>Laelia autumnalis</i> (orchid).....	Mexico.....	—	—	1	Calif.*
<i>Odontoglossum citrosimum</i> (orchid).....	do.....	—	—	4	Calif.* Tex.
Orchid.....	Indonesia, Mexico.....	—	—	2	Ariz., Calif.*
† <i>Septoria tritici</i> Desm.: <i>Triticum</i> sp.....	Spain.....	1	—	—	Hawaii.
† <i>Septoria tritici</i> Desm. f. <i>avenae</i> (Desm.) Sprague: <i>Avena sativa</i> (oat).....	Greece.....	1	—	—	Ill.
<i>Avena</i> sp.....	Afghanistan.....	—	—	1	D. C.
† <i>Septoria veronicae</i> Desm.: <i>Veronica</i> sp.....	Germany.....	—	—	1	N. J.
<i>Sphaceloma mangiferae</i> Bitanc. & Jenkins: <i>Mangifera indica</i> (mango).....	Mexico, Puerto Rico.....	4	—	—	P. R., Tex.
<i>Sphaceloma puniceae</i> Bitanc. & Jenkins: <i>Punica granatum</i> (pomegranate).....	Mexico.....	2	—	—	Tex.
<i>Sphenospora kevorkianii</i> Linder: <i>Stelis</i> sp. (orchid).....	Trinidad.....	—	—	1	N. J.
<i>Stagonospora macrospora</i> (Dur. & Mont.) Sacc.: <i>Agave</i> sp.....	Mexico.....	—	—	2	Ariz., Tex.
<i>Chlorogalum</i> sp. (soap plant).....	do.....	1	—	—	Ariz.
† <i>Taphrina bullata</i> (Berk. & Br.) Tul. (?): <i>Chaenomeles japonica</i> (Japanese flowering cherry).....	Japan.....	—	—	1	Calif.*
<i>Thielariopsis basicola</i> (Berk. & Br.) Ferr.: <i>Heuchera</i> sp.....	Netherlands.....	—	—	1	N. J.
<i>Ilex aquifolium</i> "Polycarpa".....	do.....	—	—	1	N. J.
<i>Leucojum hyemale</i> (April snowflake).....	England.....	—	—	1	N. J.
<i>Paeonia officinalis</i> (peony).....	Netherlands.....	—	—	1	N. J.
<i>Primula denticulata cachemiriana</i>	do.....	—	—	1	N. J.
<i>Primula</i> sp.....	Netherlands, Scotland.....	—	—	2	N. J.
<i>Scabiosa caucasica</i>	Netherlands.....	—	—	1	N. J.
<i>Tolyposporium ehrenbergii</i> (Kuehn) Pat.: <i>Sorghum vulgare</i> (sorghum).....	India.....	—	—	1	D. C.
<i>Trematosphaerella oryzae</i> (Miyake) Radw.: <i>Oryza sativa</i> (rice).....	Japan.....	1	—	—	Calif.*
<i>Trypethelium eluteriae</i> Spreng. (?): <i>Bombax buonopozense</i>	Cuba.....	—	—	1	Fla.
<i>Tylenchus allii</i> Beijerinck: <i>Allium sativum</i> (garlic).....	Mexico.....	1	—	—	Tex.
<i>Uredo anthurii</i> (Har.) Sacc.: <i>Anthurium</i> spp.....	Colombia.....	—	—	2	N. J., P. R.
<i>Uredo bechnickiana</i> P. Henn.: <i>Cattleya guttata</i> (orchid).....	Brazil.....	—	—	1	Fla.
<i>Epidendrum</i> sp. (orchid).....	Mexico.....	—	—	1	Tex.
<i>Laelia anceps</i> (orchid).....	do.....	—	—	4	Tex.
<i>Uredo epidendri</i> P. Henn.: <i>Epidendrum</i> sp. (orchid).....	Colombia, Trinidad.....	—	—	2	Calif.* Fla.
† <i>Uredo gynandrearum</i> Cda. (?): Orchid.....	Canal Zone.....	—	—	1	Fla.
<i>Uredo nigropuncta</i> P. Henn.: <i>Epidendrum pendens</i> (orchid).....	Costa Rica.....	—	—	1	Fla.
<i>Stanhopea</i> sp.....	do.....	—	—	1	Fla.
<i>Uredo oncidii</i> P. Henn.: <i>Oncidium cavendishianum</i> (orchid).....	Guatemala.....	—	—	1	Tex.
<i>Oncidium cebolleta</i>	Costa Rica.....	—	—	1	Fla.
<i>Oncidium</i> sp.....	Dominican Republic, Mexico.....	—	—	2	Fla., N. J.
† <i>Urocystis colchici</i> (Schlecht.) Rab.: <i>Colchicum autumnale</i> minor (small autumn crocus).....	Ireland.....	—	—	2	N. J.
<i>Urocystis gladiolicola</i> Ains.: <i>Gladiolus</i> sp.....	Netherlands.....	—	—	1	N. J.

See footnotes at end of table

Pests (diseases) collected and reported from July 1, 1953, through June 30, 1954—Con.

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Uromyces alysiae</i> Arth.:					
<i>Alyxia olivaeformis</i> (maile)	Hawaii	1			Hawaii.
<i>Uromyces scillarum</i> (Grev.) Wint.:					
<i>Hyacinthus</i> sp.	Yugoslavia			1	Ill.
† <i>Uromyces scirpi</i> (Cast.) Burr.:					
<i>Scirpus validus</i> (?)	Portugal	1			Pa.
† <i>Ustilago hordei</i> (Pers.) Lagh.:					
<i>Hordeum</i> sp.	India			1	D. C.
† <i>Ustilago kolleri</i> Wille:					
<i>Avena sativa</i> (oat)	Greece	1			Ill.
† <i>Ustilago tritici</i> (Pers.) Rostr.:					
<i>Triticum aestivum</i> (wheat)	Greece	1			Ill.
† Virus—camellia ring spot:					
<i>Camellia japonica</i> (camellia)	Japan			1	Calif.*
<i>Xanthomonas citri</i> (Hasse) Dowson:					
<i>Citrus aurantifolia</i> (sour lime)	India, Japan, Java		7		Calif.*, Mass., Tex.
<i>Citrus aurantifolia</i> (lime)	Guam	1			Hawaii.
<i>Citrus aurantium</i> (sour orange)	Japan		4		Calif.*, Wash.
<i>Citrus grandis</i> (pummelo)	Formosa		1		Calif.*
<i>Citrus ichangensis</i> var. (yuzu)	Japan		1		Tex.
<i>Citrus limon</i> (lemon)	Japan, Philippines		14		Calif.*, Pa., Tex., Wash.
<i>Citrus paradisi</i> (grapefruit)	Japan, Thailand		15		Calif.*, La., St. Thomas & St. John.
<i>Citrus reticulata</i> (Mandarin orange)	China, Japan	3	2		Calif.*, N. Y.
<i>Citrus sinensis</i> (orange)	China, Japan, Philippines	2	37		Calif.*, Hawaii, Md., Oreg., Pa., Tex.
<i>Citrus</i> sp. ("summer orange")	Japan		1		Tex.
† <i>Xanthomonas gummisudans</i> (McCull.) Starr & Burk.:					
<i>Gladiolus</i> sp.	Costa Rica	1			Fla.*
<i>Xanthomonas</i> sp. (?) ("Cancrosis B"):					
<i>Citrus limon</i> (lemon)	Argentina	1	2		Ala., Md., Tex.
<i>Xiphinema diversicaudatum</i> (Micoletzky) Thorne:					
Soil with pepper plant	Mexico			1	Ariz.

An asterisk (*) indicates State inspection.

A dagger (†) indicates a first interception from the country named.

A double dagger (‡) indicates first record of its interception by Branch inspectors.

Hosts and Diseases

ACIDANTHERA:

Macrophomina phaseolina (Deuteromycetes)

AGAVE:

Phomopsis gloriosa (Deuteromycetes)

Pleospora gigantea (Ascomycetes)

Stagonospora macrospora (Deuteromycetes)

ALPHANES:

Phomopsis palmicola (Deuteromycetes)

ALLIUM FISTULOSUM:

Mycosphaerella schoenoprasii (Ascomycetes)

ALLIUM PORRUM:

Mycosphaerella schoenoprasii (Ascomycetes)

ALLIUM SATIVUM:

Tylenchus allii (Nematoda)

ALYXIA:

Uromyces alyziae (Promycetes)

ANANAS:

Curcularia lunata (Deuteromycetes)

Diplodia ananassae (Deuteromycetes)

ANTHOSCHMIDTIA:

Colletotrichum graminicola (Deuteromycetes)

ANTHURIUM:

Uredo anthurii (Promycetes)

APIUM:

Cercospora apii (Deuteromycetes)

ARACHIS:

Cercospora personata (Deuteromycetes)

Puccinia arachidis (Promycetes)

ARAUCARIA:

Cryptospora longispora (Ascomycetes)

Macrophoma araucariae (Deuteromycetes)

Pestalotia micheneri (Deuteromycetes)

Phoma araucariae (Deuteromycetes)

ARBUTUS:

Pucciniastrum sparsum (Promycetes)

ARECA:

Colletotrichum arecae (Deuteromycetes)

Gloeosporium catechu (Deuteromycetes)

Phomopsis palmicola (Deuteromycetes)

ARMERIA:

Cercospora insulana (Deuteromycetes)

ARTEMESIA:

Uredo absinthii (Promycetes)

AVENA:

Puccinia coronata (Promycetes)

Septoria tritici f. avenae (Deuteromycetes)

Ustilago kollerii (Promycetes)

BAMBOO:

Phyllachora orbicula (Ascomycetes)

Puccinia ignava (Promycetes)

BAMBUSA:

Puccinia ignava (Promycetes)

Scirrhodothia bambusae (Ascomycetes)

BELAMCANDA:

Puccinia belamcandae (Promycetes)

BOMBAX:

Trypethelium eluteriae (?) (Promycetes)

BRASSICA:

Phoma lingam f. napobrassicae (Deuteromycetes)

BRIZA:

Entyloma brizae (Promycetes)

BROMELIAD:

Botryosphaeria ribis (Ascomycetes)

BROMUS:

Puccinia glumarum (Promycetes)

Septoria bromi (Deuteromycetes)

CAMELLIA:

Virus—camellia ring spot

CAMPANULA:

Coleosporium campanulae (Promycetes)

CAPSICUM:

Curcularia tunata (Deuteromycetes)

Gloeosporium piperatum (Deuteromycetes)

CARICA:

Asperisporium caricae (Deuteromycetes)

CASSIA:

Phyllachora canafistulae (Ascomycetes)

CATTLE YEA:

Cercospora angraeci (Deuteromycetes)

Uredo behnickiana (Promycetes)

CEDRUS:

Pestalotia funerea (Deuteromycetes)

CHAENOMELES:

†Taphrina bullata (?) (Ascomycetes)

CHAMAECYPARIS:

Oospora microcarpa (Deuteromycetes)

CHAMAEDOREA:

Aschersonia goldiana (Deuteromycetes)

Aschersonia turbinata (Deuteromycetes)

CHLOROGALUM:

Stagonospora macrospora (Deuteromycetes)

CHRYSANTHEMUM:

Meloidogyne incognita (Nematoda)

Puccinia chrysanthemi (Promycetes)

Puccinia horiana (Promycetes)

CITRUS AURANTIFOLIA:

Elsinoe australis (Ascomycetes)

Xanthomonas citri (Schizomycetes)

CITRUS AURANTIUM:

Elsinoe australis (Ascomycetes)

Xanthomonas citri (Schizomycetes)

CITRUS GRANDIS:

Xanthomonas citri (Schizomycetes)

CITRUS ICHANGENSIS:

Xanthomonas citri (Schizomycetes)

CITRUS LIMON:

Elsinoe australis (Ascomycetes)

Meliola citricola (Ascomycetes)

Phoma citricarpa (Deuteromycetes)

Phyllosticta micrococcoides (?) (Deuteromycetes)

Septoria citri (Deuteromycetes)

Xanthomonas citri (Schizomycetes)

Xanthomonas sp. (?) ("Cancrosis B") (Schizomycetes)

CITRUS PARADISI:

Ascochyta citri (Deuteromycetes)

Elsinoe australis (Ascomycetes)

Phoma citricarpa (Deuteromycetes)

Septoria citri (Deuteromycetes)

Xanthomonas citri (Schizomycetes)

CITRUS RETICULATA:

Elsinoe australis (Ascomycetes)

Phoma citricarpa (Deuteromycetes)

Septoria citri (Deuteromycetes)

Xanthomonas citri (Schizomycetes)

CITRUS SINENSIS:

Ascochyta citri (?) (Deuteromycetes)

Cercospora angolensis (?) (Deuteromycetes)

Elsinoe australis (Ascomycetes)

Phoma citricarpa (Deuteromycetes)

Septoria citri (Deuteromycetes)

Xanthomonas citri (Schizomycetes)

CITRUS SP.:

Cercospora angolensis (?) (Deuteromycetes)

Elsinoe australis (Ascomycetes)

Phoma citricarpa (Deuteromycetes)

Xanthomonas citri (Schizomycetes)

COCOS:

Cytospora palmarum (Deuteromycetes)

Diplodia epicoccos (Deuteromycetes)

Phomopsis cocoes (Deuteromycetes)

COELOGYNE:

Septoria posekensis (Deuteromycetes)

COLCHICUM:

†Urocystis colchici (Promycetes)

CORNUS:

Coryneum microstictum (Deuteromycetes)

CRATAEGUS:

†Fabraea maculata (Ascomycetes)

CYMBIDIUM:

†Colletotrichum orchidearum (Deuteromycetes)

Memnoniella echinata (Deuteromycetes)

Pestalotia conspicua (Deuteromycetes)

Septoria posekensis (Deuteromycetes)

CYNODON:

Phyllachora cynodontis (Ascomycetes)

CYPRIPEDIUM:

Septoria posekensis (Deuteromycetes)

DAHLIA:

Meloidogyne hapla (Nematoda)

DENDROBIUM:

Pestalotia conspicua (Deuteromycetes)

†Phyllosticta laetiae (Deuteromycetes)

A dagger (†) indicates a first interception from the country named.

A double dagger (‡) indicates first record of its interception by Branch inspectors.

Hosts and Diseases—Continued

- DIANTHUS:
 †*Fusarium poae* (?) (Deuteromycetes)
 †*Heterosporium echinulatum* (Deuteromycetes)
- DRACAENA:
 †*Phyllosticta draconis* (Deuteromycetes)
- EPIDENDRUM:
 †*Pestalotia conspicua* (Deuteromycetes)
 †*Phyllosticta laeliae* (Deuteromycetes)
 †*Uredo behnickiana* (Promycetes)
Uredo epidendri (Promycetes)
Uredo nigropuncta (Promycetes)
- ERIOBOTRYA:
 †*Fusicladium eribotryae* (Deuteromycetes)
- FATSHEDERA:
 †*Phyllosticta hedericola* (Deuteromycetes)
- FESTUCA:
Selenophoma donacis var. *stomaticola* (Deuteromycetes)
- FICUS:
 †*Gloeosporium elasticum* (Deuteromycetes)
- FOENICULUM:
Fusicladium depressum (Deuteromycetes)
- FRAGARIA:
 †*Mycosphaerella fragariae* (Ascomycetes)
 †*Ramularia tulasnei* (Deuteromycetes)
- GARDENIA:
Omphalia flavida (Deuteromycetes)
- GLADIOLUS:
Macrophomina phaseolina (Deuteromycetes)
Urocystis gladiolicola (Promycetes)
 †*Xanthomonas gummisudans* (Schizomycetes)
- HEBE:
 †*Septoria exotica* (Deuteromycetes)
- HEUCHERA:
Thielaviopsis basicola (Deuteromycetes)
- HIBISCUS:
Phoma sabdariffae (Deuteromycetes)
- HORDEUM:
Puccinia glumarum (Promycetes)
 †*Ustilago hordei* (Promycetes)
- HYACINTHUS:
 †*Acrobeloides butschlii* (Nematoda)
Aphelenchus avenae (Nematoda)
Uromyces scillarum (Promycetes)
- ILEX:
Thielaviopsis basicola (Deuteromycetes)
- IPOMOEA:
Macrophomina phaseolina (Deuteromycetes)
- IRIS:
 †*Heterosporium iridis* (Deuteromycetes)
- JUNIPERUS:
Gymnosporangium juniperinum (Promycetes)
- KALMA:
 †*Phyllosticta kalmicola* (Deuteromycetes)
- LABURNUM:
Coniothyrium cytisellum (Deuteromycetes)
- LAELIA:
Septoria posekensis (Deuteromycetes)
Uredo behnickiana (Promycetes)
- LEUCOJUM:
Thielaviopsis basicola (Deuteromycetes)
- LONICERA:
 †*Phomopsis cryptica* (Deuteromycetes)
- LEUCOTHOE:
Diplodina rostrupii (Deuteromycetes)
- LYCASTE:
Cercospora cypripedii (Deuteromycetes)
- LYCOPERSICON:
Helminthosporium carposaprum (Deuteromycetes)
- MALUS:
 †*Cylindrosporium pomi* (Deuteromycetes)
Cytospora mali (Deuteromycetes)
 †*Monilinia fructicola* (Ascomycetes)
Monilinia fructigena (Ascomycetes)
- MANGIFERA:
Cercospora mangiferae (Deuteromycetes)
Gloeosporium mangiferae (Deuteromycetes)
Sphaceloma mangiferae (Deuteromycetes)
- MORUS:
Eutypella stellulata (Ascomycetes)
- MUSA PARADISIACA SAPIENTUM:
Cercospora musae (Deuteromycetes)
- MUSA PARADISIACA SAPIENTUM—Con.
Didymium zanthopus (Myxomycetes)
 †*Macrophoma musae* (Deuteromycetes)
- MYRTUS:
Cercospora myrticola (Deuteromycetes)
- NARCISSUS:
Aphelenchoides subtenuis (Nematoda)
Ditylenchus hyacinthi (Nematoda)
Ophiostoma narcissi (Ascomycetes)
- NOTOCACTUS:
Macrophoma opunticola (Deuteromycetes)
- ODONTOGLOSSUM:
Septoria posekensis (Deuteromycetes)
- ONCIDIUM:
Cladosporium orchidearum (Deuteromycetes)
Uredo oncidii (Promycetes)
- OPUNTIA:
Macrophoma opunticola (Deuteromycetes)
- ORCHID:
Myriocoron orchidearum (Deuteromycetes)
Septoria posekensis (Deuteromycetes)
 †*Uredo gynandrearum* (?) (Promycetes)
- ORNITHOGALUM:
Colletotrichum liliacearum (Deuteromycetes)
Puccinia ornithogali-thyrsoideis (Promycetes)
- ORYZA:
Cladosporium oryzae (Deuteromycetes)
Epidochium oryzae (Deuteromycetes)
 †*Helminthosporium oryzae* (Deuteromycetes)
Memoniella echinata (Deuteromycetes)
Mycosphaerella hondai (Ascomycetes)
Nigrospora oryzae (Deuteromycetes)
 †*Piricularia oryzae* (Deuteromycetes)
Pyrenochaeta oryzae (Deuteromycetes)
Trematosphaerella oryzae (Ascomycetes)
- PACHYRHIZUS:
Meloidogyne arenaria (Nematoda)
- PAEONIA:
Sclerotopsis testudinea (Deuteromycetes)
Thielaviopsis basicola (Deuteromycetes)
- PALM:
Achorella attaleae (Ascomycetes)
- PANICUM:
Cerebella andropogonis (Deuteromycetes)
- PASPALUM:
Cerebella andropogonis (Deuteromycetes)
- PERSEA:
Cercospora purpurea (Deuteromycetes)
- PHAJUS:
Coleosporium bletiae (Promycetes)
- PHASEOLUS:
Elsinoe phaseoli (Ascomycetes)
 †*Phoma subcircinata* (Deuteromycetes)
- PHILODENDRON:
Colletotrichum philodendri (Deuteromycetes)
Phyllachora philodendronis (Ascomycetes)
- PHLEUM:
Enchylioma camusianum (Promycetes)
- PIPER:
Colletotrichum piperis (Deuteromycetes)
- PRIMULA:
Pyrenochaeta terrestris (Deuteromycetes)
Thielaviopsis basicola (Deuteromycetes)
- PRUNUS PERSICA:
Fusarium orthoceras (Deuteromycetes)
- PRUNUS SP. (cherry):
 †*Coccomyces hiemalis* (Ascomycetes)
- PSIDIUM:
Pestalotia psidii (Deuteromycetes)
Phoma psidii (Deuteromycetes)
- PUERARIA:
Dendryphium cladosporioides (Deuteromycetes)
- PUNICA:
Sphaceloma puniceae (Deuteromycetes)
- QUERCUS:
 †*Graphium rigidum* (Deuteromycetes)
- RHODODENDRON:
Cercospora handelii (Deuteromycetes)
Chrysomyxa rhododendri (Promycetes)
Dasyascypha virginea (Ascomycetes)
Diplodina eurhododendri (Deuteromycetes)
Gloeosporium rhododendri (Deuteromycetes)
Pestalotia rhododendri (Deuteromycetes)

A dagger (†) indicates a first interception from the country named.

A double dagger (‡) indicates first record of its interception by Branch inspectors.

Hosts and Diseases—Continued

RIBES: <i>Diplodina grossulariae</i> (Deuteromycetes)	SOLANUM: <i>Clonostachys araucaria</i> (Deuteromycetes)
ROSA: † <i>Cercospora rosicola</i> (Deuteromycetes) <i>Kuehneola japonica</i> (Promycetes) <i>Marssonina rosae</i> (Deuteromycetes) † <i>Mycosphaerella rosigena</i> (Ascomycetes) † <i>Phragmidium disciflorum</i> (Promycetes)	SORGHUM: <i>Curvularia lunata</i> (Deuteromycetes) <i>Phoma insidiosa</i> (Deuteromycetes) <i>Tolyposporium ehrenbergii</i> (Promycetes)
RUSCUS: <i>Leptosphaeria rusci</i> (Ascomycetes) <i>Phyllosticta rusicola</i> (Deuteromycetes)	STANHOPEA: <i>Guignardia traversi</i> (Ascomycetes) <i>Uredo nigropuncta</i> (Promycetes)
SACCHARUM: <i>Papularia vinosa</i> (Deuteromycetes)	STELIS: <i>Sphenospora kevorkianii</i> (Promycetes)
SAGITTARIA: † <i>Doassansia sagittariae</i> (Promycetes)	TRITICUM: † <i>Puccinia glumarum</i> (Promycetes) † <i>Puccinia graminis</i> var. <i>tritici</i> (Promycetes) † <i>Puccinia rubigo-vera</i> var. <i>tritici</i> (Promycetes) † <i>Septoria nodorum</i> (Deuteromycetes) † <i>Septoria tritici</i> (Deuteromycetes) † <i>Ustilago tritici</i> (Promycetes)
SALIX: <i>Cytospora ambiens</i> (Deuteromycetes) † <i>Diplodia salicina</i> (Deuteromycetes)	ULMUS: <i>Cytospora ambiens</i> (Promycetes)
SCABIOSA: <i>Ascochyta scabiosa</i> (Deuteromycetes) <i>Thielaviopsis basicola</i> (Deuteromycetes)	VERONICA: † <i>Septoria veronicae</i> (Deuteromycetes)
SCIRPUS: † <i>Uromyces scirpi</i> (Promycetes)	VITIS: † <i>Isariopsis clavispora</i> (Deuteromycetes) † <i>Physolepora obtusa</i> (Ascomycetes) † <i>Physopella vitis</i> (Promycetes)
SOIL: <i>Heterodera avenae</i> (Nematoda) <i>Heterodera cacti</i> (Nematoda) <i>Heterodera punctata</i> (Nematoda) <i>Heterodera rostochiensis</i> (Nematoda) <i>Meloidogyne arenaria</i> (?) (Nematoda) <i>Xiphinema diversicaudatum</i> (Nematoda)	ZIN GIBER: <i>Fusariella obtipa</i> (Promycetes) <i>Memnoniella echinata</i> (Deuteromycetes) ZYGOPETALUM: † <i>Colletotrichum cinctum</i> (Deuteromycetes)

Hosts Unknown

GRASS: <i>Memnoniella echinata</i> (Deuteromycetes)	WOVEN BASKET: <i>Epicoecum cocos</i> (Deuteromycetes)
LEAVES AND GLUMES: † <i>Phyllachora graminis</i> (Ascomycetes)	

Countries of Origin and Diseases

AFGHANISTAN: <i>Entyloma camusianum</i> † <i>Puccinia glumarum</i> † <i>Septoria bromi</i> † <i>Septoria tritici</i> f. <i>avenae</i>	BRAZIL: <i>Ascochyta citri</i> † <i>Colletotrichum cinctum</i> <i>Elsinoe australis</i> † <i>Isariopsis clavispora</i> † <i>Phyllosticta draconis</i> <i>Uredo behnickiana</i>
ANGLO-EGYPTIAN SUDAN: <i>Phoma insidiosa</i>	CANADA: † <i>Coccomyces hiemalis</i> <i>Cytospora ambiens</i> <i>Diplodina grossulariae</i> † <i>Fabraea maculata</i> <i>Heterodera avenae</i> <i>Pestalotia funerea</i> † <i>Pucciniastrum sparsum</i>
ANGOLA: <i>Cercospora angolensis</i> (?)	CANAL ZONE: <i>Phomopsis palmicola</i> † <i>Phyllachora canafistulae</i> † <i>Uredo gynandrearum</i> (?)
ARGENTINA: <i>Elsinoe australis</i> <i>Heterodera cacti</i> <i>Heterodera rostochiensis</i> <i>Macrophoma opunticola</i> <i>Xanthomonas</i> sp. (?) ("Cancrosis B")	CEYLON: <i>Epicoecum cocos</i> † <i>Macrophoma musae</i> † <i>Phyllosticta laeliae</i>
AUSTRALIA: <i>Cerebella andropogonis</i> <i>Cryptospora longispora</i> † <i>Gloeosporium piperatum</i> <i>Heterodera rostochiensis</i> † <i>Heterosporium iridis</i> <i>Macrophoma araucariae</i> <i>Pestalotia conspicua</i> † <i>Pestalotia micheneri</i> <i>Phoma araucariae</i> <i>Phoma citricarpa</i>	CHILE: <i>Heterodera punctata</i>
AUSTRIA: <i>Chrysomyxa rhododendri</i>	CHINA: <i>Dendryphium cladosporioides</i> <i>Fusariella obtipa</i> <i>Memnoniella echinata</i> † <i>Pestalotia micheneri</i> <i>Phoma citricarpa</i> <i>Phyllachora orbicula</i> † <i>Puccinia ignava</i> † <i>Scirrhodothia bambusae</i> <i>Xanthomonas citri</i>
AZORES: <i>Clonostachys araucaria</i> <i>Entyloma brizae</i> † <i>Fusicladium eriobotryae</i>	COLOMBIA: <i>Cercospora cyppipedii</i> <i>Cercospora musae</i> <i>Curvularia lunata</i>
BAHAMAS: <i>Eutypella stellulata</i>	
BELGIUM: † <i>Gloeosporium elasticum</i> <i>Heterodera punctata</i> <i>Heterodera rostochiensis</i> <i>Pestalotia rhododendri</i> <i>Phyllosticta hedericola</i>	

A dagger (†) indicates a first interception from the country named.

A double dagger (‡) indicates first record of its interception by Branch inspectors.

Countries of Origin and Diseases—Continued

COLOMBIA—Continued

*Uredo anthurii**Uredo epidendri*

COSTA RICA:

† *Fusarium poae* (?)*Phyllachora philodendronis**Uredo nigropuncta**Uredo oncidii*† *Xanthomonas gummisudans*

CUBA:

*Asperisporium caricae**Phoma subdariffae**Trypethelium eluteriae* (?)

CZECHOSLOVAKIA:

† *Ramularia tulasnei*

DENMARK:

*Heterodera avenae**Heterodera punctata**Heterodera rostochiensis*

DOMINICAN REPUBLIC:

† *Cercospora personata**Diplodia ananassae*† *Mycosphaerella fragariae*† *Puccinia arachidis**Uredo oncidii*

EGYPT:

Meliola citricola

ENGLAND:

*Coryneum microstictum**Cytospora mali**Gloeosporium rhododendri**Heterodera avenae**Heterodera punctata**Heterodera rostochiensis**Monilinia fructigena**Ophiostoma narcissi*† *Phyllosticta kalmicola**Thielaviopsis basicola*

FIJI ISLANDS:

Phoma citricarpa

FORMOSA:

† *Helminthosporium oryzae**Phoma citricarpa**Xanthomonas citri*

FRANCE:

† *Acroboloides butschlii**Aphelenchoides subtenuus**Aphelenchus avenae**Ditylenchus hyacinthi**Heterodera cacti**Heterodera punctata*† *Phomopsis cryptica*

GERMANY:

*Heterodera avenae**Heterodera punctata**Heterodera rostochiensis*† *Puccinia glumarum*† *Septoria nodorum*† *Septoria veronicae*

GREECE:

Cercospora myrticola† *Puccinia coronata**Septoria citri*† *Septoria tritici* f. *avenae*† *Ustilago kollerii*† *Ustilago tritici*

GUAM:

*Colletotrichum arecae**Diplodia epicocco**Epicoccum cocos**Gloeosporium catechu**Phomopsis cocoes**Phomopsis palmiticola**Xanthomonas citri*

GUATEMALA:

† *Phragmidium disciflorum* (?)*Uredo oncidii*

HASHEMITE KINGDOM OF THE JORDAN:

Leptosphaeria rusci

HAWAII:

*Papularia vinosa**Phoma citricarpa**Uromyces alyziae*

ICELAND:

Selenophoma donacis var. *stoma* J. C. A.

INDIA:

*Cladosporium oryzae**Coleosporium bleinae**Colletotrichum piperis**Currularia lunata**Epidochium oryzae**Memmoniella echinata**Nigrospora oryzae*† *Phyllachora graminis*† *Piricularia oryzae**Puccinia belamcandae**Septoria posekensis**Tolyposporium ehrenbergii*† *Ustilago hordei*† *Xanthomonas citri*

INDONESIA:

Septoria posekensis

IRELAND:

*Heterodera avenae**Heterodera punctata**Heterodera rostochiensis*† *Septoria exotica*† *Urocystis colchici*

ISRAEL:

*Heterodera cacti**Septoria citri*

ITALY:

Aphelenchoides subtenuus† *Cylindrosporium pomi**Cytospora ambiens*† *Diplodia salicina**Fusicladium depressum**Heterodera avenae**Heterodera cacti**Leptosphaeria rusci**Phyllosticta ruscicola*† *Puccinia absinthii**Septoria citri*

JAPAN:

*Chrysomyxa rhododendri**Fusarium orthoceras*† *Graphium rigidum**Heterodera avenae**Heterodera cacti**Kuehneola japonica**Macrophomina phaseolina**Meloidogyne hapla**Meloidogyne incognita**Memmoniella echinata**Mycosphaerella hondai**Mycosphaerella schoenoprasii**Phoma citricarpa**Puccinia chrysanthemi**Puccinia horiana**Pyrenochaeta oryzae**Sclerotopsis testudinea**Septoria citri*† *Taphrina bullata* (?)† *Trematosphaerella oryzae*† *Virus—camellia ring spot**Xanthomonas citri*

JAVA:

Xanthomonas citri

MARTINIQUE:

Gloeosporium mangiferae

MEXICO:

*Achorella attalene**Aschersonia goldiana**Aschersonia turbinata**Botryosphaeria ribis**Cercospora angraci**Cercospora insulana**Cercospora mangiferae**Cercospora musae**Cladosporium orchidearum**Colletotrichum philodendri**Didymium xanthopus*† *Doassansia sagittariae**Guignardia traversi**Heterodera avenae**Heterodera cacti*

A dagger (†) indicates a first interception from the country named.

A double dagger (‡) indicates first record of its interception by Branch inspectors.

Countries of Origin and Diseases—Continued

MEXICO—Continued

Heterodera punctata
Heterodera rostochiensis
Macrophoma opunticola
Macrophomina phaseolina
Meloidogyne arenaria (?)
Myiocopron orchidearum
Omphalia flarida
Pestalotia psidii
Phoma psidii
Phomopsis gloriosa
Pleospora gigantea
† *Puccinia rubigo-vera* var. *tritici*
Septoria posekensis
Sphaceloma mangiferae
Sphaceloma puniceae
Slagonospora macrospora
Tylenchus allii
Uredo behnickiana
Uredo oncidii
Xiphinema diversicaudatum

MOROCCO:

† *Puccinia glumarum*

MOZAMBIQUE:

Phoma citricarpa

NETHERLANDS:

Ascochyta scabiosa
Cercospora handellii
† *Colletotrichum orchidearum*
Coniothyrium cytisellum
Dasyyscypha virginea
Diplodina eurhododendri
Diplodina rostrupii
Heterodera avenae
Heterodera punctata
Heterodera rostochiensis
Oospora microcarpa
Ophiostoma narcissi
† *Puccinia glumarum*
Pyrenochaeta terrestris
Thielaviopsis basicola
Urocystis gladiolicola

NEW GUINEA:

Pestalotia conspicua

NEW ZEALAND:

† *Monilinia fruticola*
Phoma citricarpa
† *Phoma lingam* f. *napobrassicae*

NORFOLK ISLAND:

Cryptospora longispora

MACROPHOMA ARAUCARIAE:

† *Pestalotia micheneri*

NORTHERN IRELAND:

Heterodera rostochiensis
Ophiostoma narcissi

NORWAY:

† *Coleosporium campanulae*
Heterodera punctata

PANAMA:

Helminthosporium carposaprum

PARAGUAY:

Elsinoe australis

PERU:

Heterodera rostochiensis

PHILIPPINES:

Diplodia epicocco
Xanthomonas citri

POLAND:

Heterodera punctata
Heterodera rostochiensis

PORTUGAL:

† *Uromyces scirpi*

PUERTO RICO:

Cerebella andropogonis
Elsinoe phaseoli
† *Phoma subcitrinata*
† *Physopella vitis*
Sphaceloma mangiferae

SALVADOR:

† *Cercospora rosicola*
† *Heterosporium echinulatum*

SCOTLAND:

Heterodera avenae
Heterodera punctata
Heterodera rostochiensis
Thielaviopsis basicola

SOUTH AMERICA:

Marssonina rosae

SOUTH PACIFIC:

Cytospora palmarum

SPAIN:

Heterodera avenae
Phyllachora cynodontis
† *Septoria tritici*

SWEDEN:

Gymnosporangium juniperinum
Heterodera avenae

SWITZERLAND:

Chrysomyxa rhododendri
Heterodera cacti

TAHITI:

Memnoniella echinata

THAILAND:

Phyllosticta micrococcoides (?)
Xanthomonas citri

TRINIDAD:

Pestalotia conspicua
† *Phyllosticta laetiae*
Sphenospora kevorkianii
Uredo epidendri

UNION OF SOUTH AFRICA:

Ascochyta citri
Colletotrichum graminicola
Colletotrichum liliacearum
Macrophomina phaseolina
Phoma citricarpa
Puccinia ornithogalli-thyrsoideis

UNKNOWN:

Phoma citricarpa

URUGUAY:

† *Cercospora apii*
Elsinoe australis

VENEZUELA:

Cercospora purpurea
† *Mycosphaerella rosigena*

WALES:

Heterodera punctata

YUGOSLAVIA:

† *Physalospora obtusa*
† *Puccinia graminis* var. *tritici*
Uromyces scillarum

A dagger (†) indicates a first interception from the country named.

A double dagger (‡) indicates first record of its interception by Branch inspectors.

UNITED STATES DEPARTMENT OF AGRICULTURE

AGRICULTURE RESEARCH SERVICE

PLANT QUARANTINE BRANCH

SERVICE AND REGULATORY ANNOUNCEMENTS

LIST OF INTERCEPTED PLANT PESTS, 1955

(List of Pests Recorded from July 1, 1954, through June 30, 1955 as Intercepted in, on, or with Plants and Plant Products Entering United States Territory.)

Compiled by
JUDITH HUNT
Plant Quarantine Aid

INTRODUCTION

Interception lists have been issued for forty-one years. Beginning with February 2, 1914, a "News Letter" was published at irregular intervals up until 1921 when it was issued on an annual basis which has continued to the present time. This forty-second report is composed of plant pests found in, on, or with plant products (1) imported, (2) offered for but refused entry, (3) held as ships' stores, etc., and hence not offered for entry through customs, (4) offered for entry for immediate transportation and exportation in bond, and (5) in domestic shipments between the American Virgin Islands, Hawaii, and Puerto Rico and the mainland.

The pests listed include insects, snails, fungi, bacteria, nematodes, and viruses causing diseased conditions of known or potential plant quarantine significance to the United States. Some common organisms are included if they are (1) new to the country of origin, or (2) new to the host plant, or (3) are of such limited distribution in the United States that they are worthy of mention.

Some collections made late in the year are included in the report for the following year, since determinations cannot be obtained immediately for all of them. Occasionally determinations are delayed for longer periods. The data for this list were obtained from identifications made by specialists of the Entomology Research Branch and from routine reports by personnel of the Plant Quarantine Branch supplemented by information supplied by State officials. The States of California and Florida maintain staffs of specialists who identify a large proportion of the material collected at their ports. Specialists of the Field Crops Research Branch and the Horticultural Crops Research Branch determine many of the pathogens that are unusual or difficult to identify. Specialists in the latter organization also identify many of the host plants shown in the list.

The scientific names conform to the International Rules of Nomenclature.

The correct origin of host plants is verified insofar as it is possible. Questionable cases are omitted or the origin is listed as unknown.

INTERCEPTIONS FROM AIRBORNE MATERIAL

The rapid development of air transportation from all parts of the world has resulted in a greater number of importations of plants and plant products. Constant vigilance at the airports is necessary to prevent the introduction of foreign pests.

Some important interceptions of airborne plant pests were made during the year. A total of 3,150 insects and 482 diseases were found in baggage, express, freight, mail, or stores on imported plants or plant products while other interceptions were made by preflight inspection of airplanes leaving Hawaii and Puerto Rico for the mainland.

Some important insects intercepted with airborne material were:

Adoxophyes orana on apple in stores from England, and on cut flowers of lilac and lily in cargo from the Netherlands.

The citrus blackfly (*Aleurocanthus woglumi*) on *Citrus* sp. leaves in baggage from Mexico.

Anastrepha fraterculus in guava in baggage from Colombia.

The Mexican fruit fly (*Anastrepha ludens*) in mamey in baggage from Nicaragua; in mango in baggage from Guatemala, Mexico, and Salvador; in mango in cargo from Guatemala; in orange in baggage from Guatemala and Mexico; and in orange in stores from Mexico.

The West Indian fruit fly (*Anastrepha mombinpraeoptans*) in guava in baggage from Guatemala; in mango in baggage from Brazil, Cuba, Dominican Republic, Guatemala, Honduras, Jamaica, Mexico, Nicaragua, and Salvador; in mango in quarters from Panama; in purple mombin in baggage from Cuba and Nicaragua; in *Spondias* sp. in baggage from Costa Rica, Nicaragua, and Salvador; in *Spondias* sp. in cargo from Costa Rica; in yellow mombin in baggage from Guatemala, Nicaragua, and Salvador; and in yellow mombin in cargo and mail from Guatemala.

Anastrepha serpentina in mamey in baggage from Salvador, in sapodilla in baggage from Guatemala, Nicaragua, and Salvador.

Carposina sasakii in apple in baggage and stores from Japan, in peach in baggage from Japan.

The Mediterranean fruit fly (*Ceratitis capitata*) in apple in stores from the Azores; in apricot in stores from an unknown origin; in coffee berry in baggage from Brazil; in coffee berry in preflight inspection of baggage leaving Hawaii for the mainland; in fig in baggage from the Azores and Italy; in loquat in baggage from Portugal; in Mandarin orange in stores from Morocco and Portugal; in nectarine in baggage from Italy; in orange in baggage from the Azores, Italy, Portugal, and Spain; in orange in cargo from Italy; in orange in quarters from France (?); in orange in stores from the Azores, Portugal, and Spain; in peach in baggage from France; in peach in stores from Italy; in pear in baggage from Italy; in pear in stores from the Azores; in pricklypear in baggage from the Italy. *C. capitata* (?) in apple in stores from an unknown origin; in avocado in baggage from Hawaii; in apricot in stores from an unknown origin; and in *Passiflora* sp. in baggage from Portugal.

Cylas formicarius formicarius in sweetpotato in cargo from India and Japan.

The oriental fruit fly (*Dacus dorsalis*) in coffee berry, in mountain apple, with an orchid plant, in fruit of *Terminalia* sp., and in ti berry in preflight inspection of baggage leaving Hawaii for the mainland. *D. dorsalis* (?) in Arabian coffee berries in preflight inspection of baggage leaving Hawaii for the mainland.

The olive fruit fly (*Dacus oleae*) in olive in baggage from Greece, Italy, and Lebanon.

Possibly *Dacus tryoni* in pear in stores from Australia.

An aleyrodid, *Frauenfeldtiella jalinekii* on a leaf of *Viburnum tinus* var. in cargo from England.

Haplothrips cotlei on carnation in baggage from Greece.

The pink bollworm (*Pectinophora gossypiella*) in cottonseed in baggage from Jamaica and in cotton boll in preflight inspection of baggage leaving Hawaii for the mainland.

Rhagoletis cerasi in cherry in baggage from Germany and Yugoslavia, and in cherry in stores from Europe, France, Italy, and Sweden. *R. cerasi* (?) in apple

in baggage from the Azores; in cherry in mail from Sweden; and in *Passiflora* sp. in baggage from the Azores.

Xanthogramma calopus with chinkerichiee in cargo from the Union of South Africa.

Interceptions of airborne plant pathogens not believed to be established in the United States or of limited distribution were:

Cercospora kalmiae on mountain laurel leaves in quarters from England and the Netherlands.

Guignardia traversi on *Dendrobium forbesii* and *Coelogyne* sp., orchids, in cargo from New Guinea.

Micropeltis bakeri on an orchid plant in baggage from Panama.

Mycosphaerella cattleyae on *Cattleya bowringiana*, an orchid, in cargo from Guatemala and on *Epidendrum radicans*, an orchid, in cargo from Costa Rica.

Mycosphaerella euryae on *Eurya japonica* in baggage from Japan.

Phakopsora jatrochicola on bellyache nettlespurge in cargo from Guadeloupe.

Phyllostictina pyriformis on *Dendrobium forbesii*, an orchid, in cargo from New Guinea; on an orchid plant in cargo from Panama; and on *Stanhopea wardii*, an orchid, in cargo from the Canal Zone.

Physothermum schroeteri on *Scirpus* sp. in baggage from Portugal.

Puccinia cannae on *Canna* sp. leaf in baggage from Jamaica.

Puccinia pelargonii-zonalis on horseshoe geranium in baggage from Hawaii.

Ramularia vallisumbrosae on narcissus stem in baggage from England.

Septoria selenophomoides on *Cymbidium* sp., an orchid, in cargo from England; on *Laelia* sp., an orchid, in cargo from Brazil; and on *Odontoglossum* sp., an orchid, in cargo from Mexico.

Sphaceloma spondiadis on yellow mombin in baggage from the Barbados.

Sphaceloma zorniae on *Zornia* sp. in baggage from St. Kitts.

Uredo anthurii on an anthurium leaf in cargo from Panama.

Uredo nigropuncta on *Bletia* sp., an orchid, in baggage from the Bahamas.

Uromyces alyxiae on maille in baggage from Hawaii.

Xanthomonas citri on Mandarin orange in baggage from China, Japan, and the Philippines; on sweet orange in cargo (refused entry) and stores from Japan, and on *Citrus* sp. (peel) in stores from Japan.

Xanthomonas sp. (Cancerosis B) on lemon in stores from Argentina.

The following nematodes were also found in airborne material:

Heterodera humuli in soil with hops in cargo from Switzerland.

Heterodera punctata in soil with aloe plants in baggage from Finland; in soil with heather plants in mail from Scotland; and in soil with orchid plants from England.

Heterodera rostochiensis in soil with carnation plants in baggage and heather plants in baggage and mail from Scotland; in soil with crown of thorns plant in baggage from Denmark; in soil with amaryllis plants, in soil with carnation plants, in soil with crocus corms, in soil with lily-of-the-valley pips and in soil with shamrock plants, all in baggage, from Germany; in soil with horseradish roots in cargo from Germany; in soil with carnation and lupine plants in baggage from England; in soil with *Pelargonium* sp. plants in baggage from Ireland; and in soil with potatoes in baggage from Sweden.

NOTES ON INSECTS INTERCEPTED

FRUIT FLIES

The following fruit flies were intercepted:

Anastrepha fraterculus in grapefruit in stores from Brazil and Peru; in guava in baggage from Colombia; in orange in stores from Argentina; in orange in quarters from Argentina and Brazil; and in peach and pear in baggage from Mexico. *A. fraterculus* (?) in orange in stores from Brazil.

The Mexican fruit fly (*Anastrepha ludens*) in avocado in baggage from Mexico, in grapefruit in baggage and stores from Mexico; in mamey in stores from Mexico and in air baggage from Nicaragua; in mango in air baggage from Guatemala, Mexico, Nicaragua and Salvador; in mango in baggage, cargo, and quarters from Mexico; in orange in baggage, air baggage, cargo, quarters, stores and air stores from Mexico; in orange in air baggage from Guatemala; in peach, pear, quince, and white sapote in baggage from Mexico; and in sweet lime in baggage and quarters from Mexico.

The West Indian fruit fly (*Anastrepha mombinpraeoptans*) in guava in air baggage from Guatemala; in mango in air baggage from Brazil, Cuba, Dominican

Republic, Guatemala, Honduras, Jamaica, Mexico, Nicaragua, and Salvador; in mango in baggage from Costa Rica, Jamaica, and Mexico; in mango in cargo from Puerto Rico; in mango in stores from Cuba, Haiti, Jamaica, and Mexico; in mango in quarters from Cuba and Panama; in pear in baggage from Mexico; in purple mombin in air baggage from Cuba and Nicaragua; in quince in baggage from Mexico; in *Spondias* sp. in air baggage from Costa Rica, Nicaragua, and Salvador; in *Spondias* sp. in air cargo from Costa Rica; in yellow mombin in air mail from Guatemala; and in yellow mombin in air baggage from Guatemala, Nicaragua and Salvador.

Anastrepha serpentina in mamey in air baggage from Salvador; in mango in baggage from Colombia and Ecuador; in orange in stores from Brazil; in sapodilla in baggage from Mexico; in sapodilla in air baggage from Guatemala, Nicaragua, and Salvador; and in sapote in baggage from Salvador.

Anastrepha striata in guava in baggage from Costa Rica and Mexico.

Anastrepha suspensa in guava in quarters from Puerto Rico.

The Mediterranean fruit fly (*Ceratitis capitata*) in apple in baggage from Italy; in apple in air stores from the Azores; in apricot in air stores from an unknown origin; in coffee berry in baggage and mail from Hawaii; in coffee berry in air baggage from Brazil and Hawaii; in fig in air baggage from the Azores and Italy; in grapefruit in quarters from Egypt; in grapefruit in stores from Egypt, Israel, and Spain; in loquat in baggage from Portugal; in Mandarin orange in baggage and stores from Italy; in Mandarin orange in air stores from Morocco and Portugal; in nectarine in air baggage from Italy; in orange in baggage from Israel, Italy, and Spain; in orange in air baggage from the Azores, Italy, Portugal, and Spain; in orange in air cargo from Italy; in orange in quarters from Israel and Spain; in orange in air quarters from France (?); in orange in stores from Egypt, Cyprus, Israel, Italy, Spain, Spanish Morocco, and an unknown origin; in orange in air stores from the Azores, Portugal and Spain; in peach in air baggage from France; in air stores from Italy; in pear in baggage and air baggage from Italy; in pear in air stores from the Azores; in persimmon in baggage from Italy; in pomegranate in baggage from Italy; in pomelo in baggage from Italy; in pricklypear in baggage and air baggage from Italy; and in quince in baggage from Greece and Italy. *C. capitata* (?) in apple in air stores from an unknown origin; in apricot in air stores from an unknown origin; in avocado in air baggage from Hawaii; in coffee berry in air baggage from Brazil and Hawaii; in Mandarin orange in stores from Algeria; in orange in mail from Cyprus; in orange in quarters from Spanish Morocco; in orange in stores from Portugal; in pepper in stores from Angola; and in *Passiflora* sp. in air baggage from Portugal.

The melon fly (*Dacus cucurbitae*) in cucumber in cargo and stores from Hawaii and in tomato in stores from Hawaii. *D. cucurbitae* (?) in cucumber and tomato in stores from Hawaii.

The oriental fruit fly (*Dacus dorsalis*) in airplane from Hawaii; in banana in baggage from Hawaii; in seed pulp of *Calophyllum inophyllum* in mail from Hawaii; in coffee berries in air baggage and mail from Hawaii; in guava in mail from Guam; in mango in baggage, mail, and quarters from Hawaii; in mountain apple in air baggage from Hawaii; an adult on an orchid plant in air baggage from Hawaii; in fruit of *Terminalia* sp. in air baggage from Hawaii; and in ti berries in air baggage from Hawaii. *D. dorsalis* (?) in Arabian coffee berries in air baggage from Hawaii and in coffee berries in mail from Hawaii.

The olive fruit fly (*Dacus oleae*) in olive in baggage and air baggage from Italy and in olive in air baggage from Greece and Lebanon. *D. oleae* (?) in olive in air baggage from Italy.

Possibly *Dacus tryoni* (Queensland fruitfly) in pear in air stores from Australia.

Rhagoletis cerasi in cherry in air baggage from Germany and Yugoslavia and in cherry in air stores from Europe, France, Italy, and Sweden. *R. cerasi* (?) in apple in air baggage from the Azores; in cherry in air mail from Sweden; and in fruit of *Passiflora* sp. in air baggage from the Azores.

The apple maggot (*Rhagoletis pomonella*) in apple in baggage from Mexico.

INSECTS OTHER THAN FRUIT FLIES

A bulb mite, *Aceria tulipae*, on garlic in cargo from Lebanon, in garlic in stores from India.

The citrus blackfly (*Aleurocanthus woglumi*) on leaves of *Citrus* sp. in air baggage, baggage, and stores from Mexico; on leaf of calamondin orange in baggage from

Mexico; on lime leaf in cargo from Mexico; on orange leaves in mail and stores from Mexico; and on leaves of sour lime in baggae and cargo from Mexico.

A coccid, *Aspidiotus hedericola*, on ivy in baggage from Italy.

Baris lepidii (Curculionidae) in horseradish in cargo from Germany.

A bruchid, *Callosobruchus marshalli*, in cowpea seed in mail from Kenya, Africa and the Union of South Africa.

An adult of *Chrysopera combinans* (Phalaenidae), "neither genus or species represented in the National Museum collection," on an airplane from Kwajalein.

A cossid, *Dyspessa ulula*, in garlic in cargo from Italy.

Hylemya floralis (Muscidae) in horseradish roots in cargo from Sweden.

A curculionid, *Hypera brunneipennis*, with cotton samples in cargo from Mexico, with garlic in cargo from Egypt.

Apparently *Icerya aegyptiaca* (Coccidae) on an orchid plant in cargo from Mexico. "Have no previous record of this from Mexico or apparently from the new world."

Kaloterms flavicollis (Kalotermitidae), a vineyard and fruit tree pest, on quince in baggage from Italy.

A curculionid, *Naupactus xanthographus*, in grape in cargo from Chile.

Pheidole megacephala, "a very important economic species of ant," with *Bulbophyllum* sp. in cargo from New Guinea; on petioles of *Caryota* sp. in baggage from Cuba; with fruit of *Lansium* sp. in air baggage from the Philippines; with orchid plants in air mail from the Canal Zone and Honduras; in soil on roots of an unknown plant in air baggage from Bermuda; in soil with banana rhizomes in air baggage from Bermuda; and with St. Augustine grass in air baggage from Bermuda.

Phloeotribus scarabaeoides (Scolytidae) with olive cuttings in baggage from Italy.

A syrphid, *Xanthogramma calopus*, new to the National Museum collection, with chinkierichee flowers in air cargo from the Union of South Africa.

Trogoderma granarium (khapra beetle) in floor sweepings in flour mill in Mexico, with *Hordeum* sp. seed in mail from Afghanistan; with peanuts in cargo from India; on rice bags in stores from Mexico and, with wheat in cargo from Mexico.

Trogoderma parabile (Dermestidae) with an unknown grain and with wheat in cargo from Mexico.

SNAILS

The giant African snail (*Achatina fulica* Fer.) was not reported during the year but other injurious snails intercepted, not known to be in the United States and of economic importance, were:

Bradybaena similis with cut flowers of *Anthurium* sp. in preflight inspection of baggage leaving Hawaii for the mainland; with cut flowers of *Anthurium* sp. in mail leaving Hawaii for the mainland; with leaves of bird-of-paradise-flower in baggage in preflight inspection of baggage leaving Hawaii for the mainland; with bird-of-paradise-flower in mail leaving Hawaii for the mainland; with cut flowers of *Vanda* sp. in cargo leaving Hawaii for the mainland; at Honolulu, Hawaii with dwarf trees in air baggage from Japan; at Mobile, Ala., with St. Augustine grass in air baggage from Bermuda; at New Orleans, La., with sweetpotatoes in stores from Brazil; at New York, N. Y., with cut flowers of lilies in baggage from Bermuda; at Philadelphia, Pa., with pumpkins in stores from Japan.

Deroceras reticulatum at Boston, Mass., with globe artichoke in stores from Italy; with lettuce in stores from Ireland; with turnips and beets in stores from the Union of South Africa; at Honolulu, Hawaii with lettuce in air stores from Australia; with orchid plants in air express from Costa Rica; with *Heliconia* sp. foliage in air cargo leaving Hawaii for the mainland; with ti leaves in baggage and mail leaving Hawaii for the mainland; at Miami, Fla., with orchids in air baggage from Guatemala and Jamaica; with orchid plants in air cargo from Costa Rica and Ecuador; with orchid pseudobulbs in air cargo from Venezuela; at New Orleans, La., with cabbage in stores from Italy; at New York, N. Y., with cauliflower in stores from Belgium; with escarole in stores from France; with lettuce in stores from Italy; with lettuce in air stores from Sweden; and with potatoes in air baggage from Ireland; at Philadelphia, Pa., with beets in stores from New Zealand; with carrots in stores from Chile; with celery in stores from Portugal; with cabbage in stores from England, Germany, Italy, and the Netherlands; with leek in stores from Germany; with lettuce in stores from England; and with turnips in stores from France.

Helix nemoralis at San Pedro, Calif., on a returned tractor from England.

Lamellaxis gracilis at Miami, Fla., with orchid plants in air cargo from Cuba.

Limax marginatus at Miami, Fla., with *Anthurium* sp. plants and orchid plants in air cargo from Costa Rica and with orchid plants in air baggage from Guatemala; at Boston, Mass. with assorted plants and soil in air baggage from Portugal; and at Philadelphia, Pa., with cabbage in stores from Germany. *L. marginatus* (?) at Honolulu, Hawaii with *Asparagus* sp. in cargo from Japan; at Philadelphia, Pa., with cabbage in stores from the Azores.

Limax maximus at New York, N. Y., with woody plants in baggage from England; at Philadelphia, Pa., with cabbage in stores from Norway.

Theba pisana at Boston, Mass., on wall of a refrigerator in stores from an unknown origin; at New York, N. Y., with globe artichoke in stores from Italy; at Washington, D. C., with lettuce in air stores from Germany. *T. pisana* (?) at Philadelphia, Pa., with lettuce in stores from the Netherlands.

NOTES ON DISEASES INTERCEPTED

The sweet orange scab (*Elsinoe australis*) was intercepted 84 times; sixty-two of these interceptions came from Brazil on sour orange, lemon, sweet orange, satsuma orange, and sour lime; 18 from Argentina on lemon, Mandarin orange, sweet orange, and sour lime; 1 from Paraguay on sweet orange; 3 from Uruguay on sweet orange.

Citrus canker (*Xanthomonas citri*) was intercepted 104 times; 83 of these came from Japan, 13 from China, 3 from India, 2 from New Guinea, and 1 each from Indonesia, the Philippines, and an unknown origin. These interceptions were made from the following hosts: *Citrus* sp. (leaf), *Citrus* sp. (peel), grapefruit, lemon, Mandarin orange, pummelo, sour lime, sour orange, and sweet orange.

Cancrosis B (*Xanthomonas* sp.), another bacterial disease of citrus, producing symptoms similar to citrus canker, was intercepted 3 times on lemon and once on sweet orange from Argentina, and once on lemon from Brazil.

Other interceptions were:

Anthostomella keissleri on *Brassavola nodosa*, an orchid, in air mail from the Canal Zone and on an orchid plant in air cargo from Costa Rica.

Cercospora kalmiae on mountain laurel in quarters of airplanes from England, the Netherlands, and an unknown origin.

Cercospora protearum on *Protea* sp. leaf in air cargo from the Union of South Africa.

Chrysomyxa ledicola on spruce in baggage from Canada.

Chrysomyxa ledi var. *rhododendri* on *Rhododendron eremastum* and *R. hirsutum* in cargo from England and on rock rhododendron in air mail from Switzerland.

Gymnosporangium haraeaeum on juniper in baggage from Japan.

Micropeltis bakeri on *Epidendrum* sp., an orchid, in air mail from the Canal Zone and on an orchid plant in air baggage from Panama.

Neovossia indica, "interesting and not in the United States," on wheat in mail from Afghanistan.

Phakopsora jatrophicola, "an interesting tropical rust," on bellyache nettlespurge in air cargo from Guadeloupe.

Phomopsis orchidophilus on *Laelia* sp., an orchid, in mail from Mexico.

Phyllostictina pyriformis on various orchids in air cargo from the Canal Zone, New Guinea, and Panama and on orchid in cargo from Mexico.

Puccinia aeluropi on stems of *Aeluropus littoralis* in mail from Afghanistan.

Puccinia pelargonii-zonalis, "new to the United States as far as is known," on horseshoe geranium leaf in air baggage from Hawaii.

Puccinia poae-nemoralis on a stem of *Poa* sp. in mail from Afghanistan.

Puccinia scirpi, "not reported in the United States," on *Scirpus* sp. in cargo from Italy.

A ringspot virus on watermelon in cargo from Mexico and on watermelon in stores from Spanish Morocco.

Septoria phleina (?) on timothy seed in mail from Afghanistan.

Septoria selenophomoides on various orchids in air cargo from Brazil, England, and Mexico, and on *Stanhopea* sp., an orchid, in mail from Mexico.

Sphaceloma spondiadis on yellow mombin in air baggage from the Barbados.

Sphaceloma zorniae, on *Zornia* sp. in air baggage from St. Kitts.

Uredo oncidii on *Oncidium varicosum*, an orchid, in mail from Brazil, and on *Oncidium* spp. in air cargo from Costa Rica, Honduras, and Trinidad.

INCOMPLETELY DETERMINED PESTS

Pests of potential economic importance have been determined to genus only because they were either (1) a new host or distribution record, (2) immature specimens, (3) in poor condition for specific determination, or (4) there is a lack of authentic material in our collection for comparison.

INSECTS

Among the incompletely determined insects were the following fruit flies:

Anastrepha sp., possibly *fraterculus* at Baltimore, Md., in orange in stores from Brazil; at Brownsville, Tex., in apple in baggage from Mexico; at Eagle Pass, Tex., in quince in baggage from Mexico; at Houston, Tex., in grapefruit in stores from Brazil; at New York, N. Y., in coffee berry in air baggage from Colombia; at Progreso, Tex., in pear in baggage from Mexico; at San Juan, P. R., in sapodilla in air baggage from Brazil.

Anastrepha sp., probably *ludens*, at Brownsville, Tex., in pear in baggage from Mexico; at Hidalgo, Tex., in pear in baggage from Mexico; at Houston, Tex., in orange in quarters from Mexico; at Laredo, Tex., in avocado and pear in baggage from Mexico; at Nogales, Ariz., in mango in baggage from Mexico; at San Pedro, Calif., in sapote (*Calocarpum sapota*) in air baggage from Mexico; at San Ysidro, Calif., in mango in baggage from Mexico.

Anastrepha sp., probably *mombinpraeoptans*, at Brownsville, Tex., in mamey in cargo from Mexico; in mango in baggage from Mexico; and in mango in air baggage from Nicaragua; at Galveston, Tex., in pomegranate in quarters from Cuba; at Laredo, Tex., in orange and guava in baggage from Mexico; at New Orleans, La., in yellow mombin in air baggage from Salvador; at New York, N. Y., in mango in air baggage from Colombia; at Philadelphia, Pa., in grapefruit in stores from Trinidad; at Christiansted, St. Croix in guava-berry (*Eugenia floribunda*) in cargo from Tortola; at San Antonio, Tex., in orange in air baggage from Mexico; at San Pedro, Calif., in orange in air baggage from Guatemala.

Anastrepha sp., probably *serpentina*, at Brownsville, Tex., in mamey in baggage from Mexico; at Progreso, Tex., in quince in baggage from Mexico.

Anastrepha sp., probably *striata*, at Nogales, Ariz., in guava in baggage from Mexico.

Anastrepha sp. at Baltimore, Md., in orange in stores from Brazil; at Brownsville, Tex., in Mandarin orange in air baggage from Brazil; at Charleston, S. C., in orange in stores from Cuba; at Eagle Pass, Tex., in garbage can for seized fruits from Mexico; at El Paso, Tex., in mango in air baggage from Mexico; at Houston, Tex., in mango in air baggage from Guatemala; at Laredo, Tex., in apple in baggage from Mexico; at Miami, Fla., in coffee berries in air baggage from Brazil; in Mandarin orange in air baggage from Argentina; in mango in air baggage from Colombia, Honduras, and Peru; and in orange in air baggage and air stores from Colombia; at New York, N. Y., in plum in air baggage from Venezuela; at Nogales, Ariz., in mango in baggage from Mexico; at Roma, Tex., in pear in baggage from Mexico; at Charlotte Amalie, St. Thomas in mango in cargo from Dominica; at San Pedro, Calif., in coco-plum in baggage from Nicaragua.

Dacus sp., at Honolulu, Hawaii in *Syzygium cumini* in air baggage from the Philippines.

Rhagoletis sp., probably *juglandis* Cress. in black walnut in baggage from Mexico.

Rhagoletis sp. at Washington, D. C., with rose hips in mail from Afghanistan.

Forty interceptions, identified to family only, Tephritidae, were intercepted at the following ports: National Airport, Arlington, Va., in orange in passenger's baggage thought to be from Italy; at Boston, Mass., in bag containing apples, apricots, and cherries in air stores from an unknown origin; in cherry in air stores from an unknown origin; in chili pepper in stores from Natal, South Africa; in cucumber in stores from French West Africa; in grapefruit in stores from Argentina; and in orange in baggage from an unknown origin; at Brownsville, Tex., in mango in baggage from Mexico; at Honolulu, Hawaii in *Eugenia malaccensis* in

air stores from the Philippines; in peach in air stores from Australia; in pepper in air baggage from Thailand; and in santol in air baggage from the Philippines; at Houston, Tex., in apple in air cargo from Peru and in grapefruit and orange in stores from Brazil; at New York, N. Y., in apricot in cargo from the Union of South Africa; in grape in cargo from Argentina and the Union of South Africa; in lemon in baggage from Italy; in orange in baggage from the Union of South Africa; in peach in cargo from the Union of South Africa; and with cut flowers of zinnias in baggage from Bermuda; at Philadelphia, Pa., in apple in stores from Japan; in lemon in stores from Australia; in pepper in stores from Belgian Congo; two pupae in soil around horseradish roots in stores from Germany; and in squash in stores from French West Africa; at Roma, Tex., in orange in baggage from Mexico; at San Juan, P. R., in pepper in air baggage from Trinidad; in pulp of tree seeds in air baggage from British Guiana; at Seattle, Wash., in mango in air baggage from the Philippines; at Washington, D. C., in mango in mail from Guam and in oval leaf whortleberry in mail from Japan.

Other incompletely determined insects worthy of mention were:

An aleyrodid, Aleyrodicinae, new species and new genus, near *Aleurodicus*, at Laredo, Tex., on *Epidendrum* sp., an orchid, and *Laelia* sp., an orchid, in cargo from Mexico; at Brownsville, Tex., on orchid plants in cargo from Mexico; at Miami, Fla., on an orchid plant in cargo from Guatemala.

An aleyrodid, new species and new genus, near *Bellitudo*, at San Diego, Calif. on an unidentified leaf in cargo from Ecuador.

A pentatomid, *Alitocoris* sp., a new species, at Laredo, Tex., on an orchid plant in cargo from Mexico.

Amphelasma sp. (Chrysomelidae), new to the National Museum collection, at Laredo, Tex., on an orchid plant in cargo from Mexico.

Aonidia sp. (Coccidae), "a very curious insect—not described," at Washington, D. C., on mango budstick in express from Ceylon.

Bruchidius sp., near *cisti* (F.) (Bruchidae) at Washington, D. C., with *Astragalus* sp. seed and seed pods in mail from Afghanistan.

Bruchidius sp., near *orchesioides* Heyd. (Bruchidae), at Houston, Tex., with seed of *Cyamopsis tetragonoloba* from Pakistan.

Bruchidius sp., probably *perparulus* (Boh.) (Bruchidae), at New York, N. Y., in *Trifolium ochroleucum* seed in cargo from Italy.

Bruchidius sp., possibly *stylophorus* (Daniel) (Bruchidae), at Washington, D. C., with a seed pod of *Medicago intertexta* from Sicily.

Bruchus sp., probably *hamatus* Miller (Bruchidae), at Washington, D. C., in legume seed in mail from Turkey; at Hoboken, N. J., in legume seed in mail from Tangier, France.

A curculionid, *Brachyrhinus* sp., at New York, between stems of a cardoon thistle plant in air baggage from Italy; on Grecian laurel foliage in furnishings from Italy; and at Washington, D. C., with seed head of *Trifolium* sp. in mail from Turkey.

Cerococcus sp. (Coccidae), "does not appear to agree with anything described," at Washington, D. C., on leaf and stem of black pepper in mail from Indonesia.

Dyspessa sp. (Cossidae) at New York, N. Y., with garlic in cargo from Morocco.

Epicaerus sp., probably *cognatus* Sharp (Curculionidae), at Houston, Tex., in potato in baggage and stores from Mexico.

Epicaerus sp. at Baltimore, Md., and Laredo, Tex., in potato in stores from Mexico; at Eagle Pass, Tex., in potato in railway car from Mexico.

A curculionid, *Eucaclophagus*, a new species near *graphipterus* Champ., at Miami, Fla., on a pseudobulb of *Cynoches ventricosum*, an orchid, in air cargo from Guatemala.

"*Eulia*" sp. (Tortricidae), probably new, at New York, N. Y., on nectarine in cargo from Chile.

Gnorimoschema sp., near or = *borsaniella* (Koehr.) (Gelechiidae), at Baltimore, Md., in pepper in stores from Hawaii.

Gnorimoschema sp., probably *ocellatella* (Boyd) (Gelechiidae), at Philadelphia, Pa., in beet in stores from Egypt and France.

Gymnandrosoma sp. (Olethreutidae) at Galveston, Tex., in grapefruit in stores from Trinidad, in orange in quarters from Ecuador.

Lixus sp. (Curculionid) at Baltimore, Md., in beet in stores from Algeria; at Philadelphia, Pa., in beet in stores from Egypt and Italy.

Longitarsus sp., probably *parvulus* (Payk.) (Chrysomelidae), at Hoboken, N. J., with grass packing with hop roots in mail from Belgium.

Megacerus sp. (Bruchidae), new to the National Museum collection, at Houston, Tex., in an unidentified pod in cargo from Ecuador.

A coccid, *Platyalecanium* sp., or close—"pretty surely undescribed," at Miami, Fla., on a leaf of *Vanda* sp., an orchid, in cargo from Thailand.

A coccid, *Pseudoparlatoria* sp., "close to *noacki* Ckll. but not same and may well be undescribed," at Hoboken, N. J., on *Anthurium reticulatum* leaf in air cargo from Colombia.

Puto sp. (Coccidae), "does not fit any described species and consider it might be undescribed," at Honolulu, Hawaii on *Elleanthus* sp., an orchid, in air express from Costa Rica.

A curculionid, *Zeugorygma* sp., probably *orangiae* Mshl. or a new species, at Washington, D. C., with seed heads of *Digitaria tricholanoides* in mail from the Orange Free State, Union of South Africa.

A total of 1,532 incompletely determined insects of quarantine significance were recorded during the year.

DISEASES

Asterina sp., apparently undescribed, at Washington, D. C., on *Shortia soldanelloides* in air express from Japan.

Cercospora st. at Hoboken, N. J., on a leaf of an anthurium hybrid in air express from Colombia; at Brownsville, Tex., on a leaf of *Chamaedorea* sp. in air cargo from Mexico; at Houston, Tex., on frond of *Collina elegans* (?) in air cargo from Mexico; at San Francisco, Calif., on umbrella pine in air cargo from Japan. "Unreported to the host and the United States as far as is known."

Clypeollela sp., probably undescribed, at Honolulu, Hawaii on *Gardenia* sp. in air baggage from Tahiti.

Coleosporium (?) sp., at San Francisco, Calif., on *Dendrochilum cobbianum*, an orchid, in air cargo from the Philippines.

Cytospora sp. at Mobile, Ala., on *Terminalia bellerica* in quarters from Trinidad—"none reported on this host as far as is known."

Helminthosporium sp., probably new, at Laredo, Tex., on onion in cargo from Mexico.

Mycosphaerella sp. at Washington, D. C., on seed of *Hyparrhenia lintonii* in mail from Kenya—"none reported on this host as far as is known."

Pestalotia sp. at San Francisco, Calif., on *Araucaria klinkii* seed in air cargo from New Guinea; at San Juan, P. R., on *Ixora* sp. leaf in air cargo from Trinidad—"none reported on this host as far as is known"; at San Pedro, Calif., on a philodendron leaf in air baggage from Mexico—"probably new to the host"; at Hoboken, N. J., on *Visnea mocanera* leaf in air mail from Portugal—"new for the host."

Phyllosticta sp. at San Francisco, Calif., on umbrella pine in air cargo from Japan—"unreported for the host and the United States as far as is known."

Phyllostictina sp. on a ti leaf during preflight inspection of the quarters of an airplane leaving Hawaii for the mainland; at San Francisco, Calif., on a gardenia leaf in mail from Japan—"none reported on this host as far as is known"; on a gardenia plant in preflight inspection of cargo leaving Hawaii for the mainland; at San Francisco, Calif., on umbrella pine in air cargo from Japan—"unreported for the host and the United States as far as is known."

Probably *Physalospora* sp. at Washington, D. C., on *Melica* sp. in mail from Afghanistan.

Pyrenochaeta sp. at San Juan, P. R., on an ixora leaf in air cargo from Trinidad—"none reported on this host as far as is known."

Rhabdospora sp. at San Pedro, Calif., on a ginkgo stem in mail from Japan.

Septoria sp. at Miami, Fla., on a camellia leaf in air baggage from Peru; at San Antonio, Tex., on an anthurium leaf in air baggage from Mexico; at Houston, Tex., on *Chamaedorea* sp. in cargo from Mexico; and at Washington, D. C., on a stem of *Puccinellia* sp. in mail from Afghanistan.

NEMATODES

Incompletely determined nematodes worthy of mention were:

Aphelenchoides sp., at New York, N. Y. in *Colocasia* sp. tuber in stores from Japan.

Heterodera sp., probably *avenae*, at Hoboken, N. J., in soil with roots of rhododendron in mail from England; at New York, N. Y., in soil with horseradish in cargo from Germany.

Heterodera sp., probably *cacti*, at Laredo, Tex., in soil in baggage from Mexico.

Heterodera sp., probably *carotae* Jones, at Philadelphia, Pa., in soil with carrots in stores from Lebanon.

Heterodera sp., possibly *punctata*, at Hoboken, N. J., in soil with delphinium plants in cargo from England.

Heterodera sp., probably *rostochiensis*, at Nogales, Ariz., in soil with cactus in baggage from Mexico.

Heterodera sp., possibly *trifolii* (Goffart) Oostenbrink, at Hoboken, N. J., in soil with roses in cargo from Germany.

Other members of the genus *Heterodera* were intercepted 310 times at 20 ports from the following countries: Argentina, Australia, Austria, Azores, Belgium, Bermuda, Canada, Chile, Cuba, Czechoslovakia, Denmark, Egypt, England, Finland, France, French West Africa, Germany, Greece, Ireland, Italy, Japan, Israel, Luxembourg, Mexico, Morocco, Netherlands, New Zealand, Norway, Peru, Poland, Portugal, Scotland, Spain, Sweden, and Yugoslavia. These interceptions were made from soil samples, sand ballast, soil with army cargo, and soil with plant material in baggage, cargo, mail, and quarters; in soil with vegetables in cargo and stores; in soil with bulbs and tubers in baggage, cargo, and mail; in soil in sweepings from empty railway cars; and in soil in sweepings from railway cars carrying potatoes.

Meloidogyne sp. at Hoboken, N. J., in rhizomes of calla lily in cargo and mail from France and in cargo from Italy; in tubers of *Achimenes* spp., in cargo and mail from the Netherlands; in astilbe and Siberian bugloss roots in cargo from the Netherlands; in *Calla* sp. rhizomes in cargo from Italy; in kamchatka bugbane roots in cargo from the Netherlands; in roots of *Clematis* spp. in cargo from the Netherlands and in air mail from England; in Geum hybrid roots in cargo from the Netherlands; in isoloma tuber in mail from the Netherlands; in roots of Japanese iris in cargo from Japan; in a tuber of *Naegelia* sp. in cargo from the Netherlands; in peony roots in mail from England and in peony roots in cargo from the Netherlands; in shamrock roots in cargo from Ireland; in tubers of *Reichsteineria macropoda* in cargo and mail from the Netherlands; in roots of *Weigela middendorffiana* in cargo from the Netherlands; at San Diego, Calif., in begonia roots in baggage from Mexico; in celery roots in stores from Norway; in potatoes in stores from Chile and Denmark; at San Pedro, Calif., in roots of an unknown plant in baggage from Hawaii.

Pratylenchus sp., closely related to *minyus* Sher and Allen, at New York, N. Y., in *Colocasia* sp. tuber in stores from Japan.

Pratylenchus sp. at Hoboken, N. J., in roots of *Bletilla hyacinthina*, an orchid, in air mail from the Netherlands; in roots of Christmas rose in cargo and air cargo from the Netherlands; in roots of *Clematis* spp., in cargo from the Netherlands and in air mail from England; in roots of *Epipactis gigantea*, an orchid, in air mail from the Netherlands; in roots of *Helleborus* spp. in cargo from the Netherlands and in mail from England; in rhizome of Japanese iris in cargo from the Netherlands; in roots of *Iris* spp. in cargo from England; in roots of *Kniphofia* sp. in cargo from the Netherlands; in roots of solomonseal in cargo from the Netherlands; in Siberian bugloss in cargo from the Netherlands; in roots of *Trollius* spp. in cargo and air cargo from the Netherlands; and in western bleedingheart in cargo from the Netherlands.

A total of 745 incompletely determined pathogens of quarantine significance were recorded during the year.

Summary of Numbers of Interceptions Listed in Main Table

Country	Insect	Disease	Country	Insect	Disease
	Number	Number		Number	Number
Africa:			Europe—Continued		
Afghanistan.....	11	12	Malta.....	1	0
Africa.....	0	1	Netherlands.....	56	30
Algeria.....	3	1	Northern Ireland.....	1	4
Angola.....	2	0	Norway.....	3	2
Belgian Congo.....	3	0	Poland.....	0	1
Canary Islands.....	2	1	Portugal.....	16	1
Cape Verde Islands.....	2	0	Scotland.....	9	11
Egypt.....	11	2	Spain.....	31	7
Gold Coast.....	2	0	Sweden.....	6	2
Kenya.....	3	5	Switzerland.....	2	30
Liberia.....	1	1	Wales.....	0	1
Madeira Islands.....	2	0	Yugoslavia.....	5	0
Morocco.....	2	1	North America:		
Nigeria.....	4	1	Bermuda.....	27	1
Rhodesia.....	2	1	Canada.....	14	4
Spanish Morocco.....	3	1	Canal Zone.....	71	7
Transvaal.....	1	1	Central America:	3	0
Tunisia.....	0	1	British Honduras.....	1	0
Union of South Africa.....	31	27	Costa Rica.....	22	7
Asia:			Guatemala.....	31	1
Asia.....	1	0	Honduras.....	15	3
Ceylon.....	2	1	Nicaragua.....	17	0
China.....	7	64	Panama.....	11	6
Cyprus.....	2	0	Salvador.....	21	1
Formosa.....	2	2	Mexico.....	638	135
India.....	24	8	West Indies:		
Indonesia.....	3	1	Anguilla.....	1	0
Iran.....	2	2	Antigua.....	2	1
Iraq.....	3	0	Aruba.....	2	0
Israel.....	7	1	Bahamas.....	5	2
Japan.....	134	210	Barbados.....	0	1
Japan (?).....	2	0	Cayman Islands.....	1	0
Korea.....	1	0	Cuba.....	43	2
Lebanon.....	5	1	Dominica.....	6	0
Orient.....	1	1	Dominican Republic.....	5	1
Pakistan.....	5	0	Grenada.....	2	0
Straits Settlements.....	0	1	Guadeloupe.....	0	1
Syria.....	1	0	Haiti.....	5	0
Thailand.....	5	0	Jamaica.....	49	2
Turkey.....	4	3	Martinique.....	1	2
Australasia:			Martinique (?).....	1	0
Australia.....	13	17	Montserrat.....	4	0
Eniwetok.....	2	0	Puerto Rico.....	9	5
Eniwetok (?).....	1	0	St. Kitts.....	5	1
Fiji Islands.....	5	3	St. Vincent.....	1	0
Guam.....	11	1	Tobago.....	1	0
Hawaii.....	353	8	Trinidad.....	27	2
Java.....	0	1	Virgin Corda.....	1	0
Kwajalein.....	4	0	South America:		
Midway.....	2	0	Argentina.....	5	30
New Guinea.....	1	5	Brazil.....	43	72
New Zealand.....	1	3	British Guiana.....	2	0
Norfolk Island.....	0	8	Chile.....	19	2
Okinawa.....	0	1	Colombia.....	10	1
Philippines.....	16	4	Ecuador.....	51	2
Pitcairn Island.....	0	1	Paraguay.....	1	1
South Pacific.....	1	0	Peru.....	9	4
Tahiti.....	2	0	Uruguay.....	0	3
West Pacific.....	1	0	Venezuela.....	12	0
Europe:			Total:		
Austria.....	2	1	Africa.....	85	56
Azores.....	15	4	Asia.....	210	295
Belgium.....	15	5	Australasia.....	413	52
Czechoslovakia.....	0	1	Europe.....	533	242
Denmark.....	0	5	North America.....	1,042	185
England.....	52	43	South America.....	152	115
Europe.....	1	0	Unknown.....	21	5
Finland.....	0	2	Total.....	2,456	950
France.....	24	9	Total incompletely deter-	1,532	745
Germany.....	26	29	mined pests.....		
Greece.....	19	3	Total insect interceptions.....	3,988	---
Ireland.....	5	10	Total disease intercep-		1,695
Italy.....	244	40	tions.....		
Luxembourg.....	0	1	Grand total.....		15,683

¹ This total represents only pests of known or potential plant-quarantine importance. The total of all interceptions made during the year was 18,504.

NOTE.—Interceptions were also made from Bolivia, East Africa, Ethiopia, French West Africa, Hungary, Israel, Majuro, Marshall Islands, Natal, Nevis, Palestine, Pretoria, Saipan, Saudi Arabia, Tanganyika, Tangier, Tasmania, and Tortola.

Pests collected and reported from July 1, 1954, through June 30, 1955

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Acanthoscelides armitagei</i> (Pic) (Bruchidae):					
<i>Cajanus cajan</i> (pigeonpea).....	Brazil.....			1	D. C.
<i>Phaseolus vulgaris</i> (kidney bean).....	St. Vincent.....	1			Oreg.
<i>Acanthoscelides obvelatus</i> Bridw. (Bruchidae):					
<i>Phaseolus vulgaris</i> (kidney bean).....	Mexico.....			2	D. C.
<i>Aceria tulipae</i> (Keif.) (Eriophyidae):					
<i>Allium sativum</i> (garlic).....	India, Lebanon.....	1	1		Minn., Tex.
<i>Acrolepia assectella</i> (Zell.) (Hyponomeutidae):					
<i>Allium porrum</i> (leek).....	Germany, Italy.....		4		Pa.
<i>Adoretus sinicus</i> (Burm.) (Scarabaeidae):					
Airplane.....	Hawaii.....		5		Hawaii.
Baggage.....	do.....	5			Hawaii.
On box of foliage.....	do.....	1			Hawaii.
On suitcase.....	do.....	1			Hawaii.
Wrapping paper.....	do.....	1			Hawaii.
<i>Adoxophyes orana</i> (F. R.) (Tortricidae):					
<i>Lilium</i> sp. (lily).....	Netherlands.....	1			N. Y.
<i>Malus sylvestris</i> (apple).....	England.....		1		N. Y.
<i>Syringa</i> sp. (lilac).....	Netherlands.....	12			N. Y.
<i>Agonum rugulosus</i> (Chap.) (Platypodidae):					
<i>Copaifera hemitomophylla</i> ("cattivo").....	Colombia.....	1			Ga.
<i>Agriotes limosus</i> (Lec.) (Elateridae):					
Soil around evergreens.....	Canada.....			1	N. Y.
<i>Agrotis ypsilon</i> (Rott.) (Phalaenidae):					
<i>Lactuca sativa</i> (lettuce).....	Egypt.....		1		Pa.
<i>Aleurocanthus woglumi</i> Ashby (Aleyrodidae):					
<i>Citrus aurantifolia</i> (lime).....	Mexico.....	2			Tex.
<i>Citrus aurantifolia</i> (sour lime).....	do.....	2			Ariz., Tex.
<i>Citrus mitis</i> (calamondin orange).....	do.....	1			Ariz.
<i>Citrus sinensis</i> (orange).....	do.....	1	1		Tex.
<i>Citrus</i> sp.....	do.....	7	1		Ariz., Tex.
Soil.....	do.....		1		Ariz.
<i>Aleuroparadoxus gardeniae</i> Rsl. (Aleyrodidae):					
<i>Coffea</i> sp. (coffee).....	do.....	1			Tex.
<i>Gardenia augusta</i> (gardenia).....	do.....	1			Calif.*
<i>Aleuroplatus coccolus</i> Q. (Aleyrodidae):					
<i>Chamaedorea</i> sp.....	do.....	1			Tex.
<i>Aleuroplatus plumosus</i> (Q.) (Aleyrodidae):					
<i>Kalmia</i> sp.....	England.....		2		Mass.
<i>Aleurothrix floccosus</i> (Mask.) (Aleyrodidae):					
<i>Citrus sinensis</i> (orange).....	Dominican Republic.....	1			P. R.
<i>Citrus</i> sp., probably <i>limon</i> (lemon).....	Mexico.....	1			Tex.
<i>Citrus</i> sp.....	Argentina, Mexico.....	1	1		Fla.*, Tex.
<i>Aleurotuberculatus similis</i> Takah. (Aleyrodidae):					
<i>Camellia japonica</i> (camellia).....	Japan.....			1	D. C.
<i>Aleyrodes azalea</i> Baker & Moles (Aleyrodidae):					
<i>Rhododendron mucronatum</i>	do.....			1	N. J.
<i>Rhododendron obtusum japonicum</i>	do.....			1	N. J.
<i>Rhododendron</i> sp.....	Belgium.....			1	N. J.
<i>Algarobius prosopis</i> (Lec.) (Bruchidae):					
Airplane.....	Hawaii.....		3		Hawaii.
<i>Allantus cinctus</i> (L.) (Pentthredinidae):					
<i>Kerria japonica pleniflora</i>	Netherlands.....			1	N. J.
<i>Malus sylvestris</i> (apple).....	Canada.....	1			N. Y.
<i>Rosa multiflora</i> (Japanese rose).....	Netherlands.....			2	N. J.
<i>Alpheias conspirata</i> Hein (Galleriidae):					
<i>Ananas comosus</i> (pineapple).....	Mexico.....	3			Tex.
<i>Amorbia emigratella</i> Busck (Tortricidae):					
<i>Armeria</i> sp. (statice).....	do.....	1			Tex.
<i>Bromeliad</i>	do.....			1	Ariz.
<i>Gardenia</i> sp.....	Hawaii.....	1			Calif.*
<i>Glaudiolus</i> sp.....	Mexico.....	3			N. Y., Tex.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	1			Tex.
<i>Amorbia emigratella</i> Busck (?) (Tortricidae):					
<i>Zantedeschia aethiopica</i> (calla lily).....	do.....	1			Tex.
<i>Anastrepha fraterculus</i> (Wied.) (Tephritidae):					
<i>Citrus paradisi</i> (grapefruit).....	Brazil, Peru.....		2		Pa., Tex.
<i>Citrus sinensis</i> (orange).....	Argentina, Brazil.....		3		La., Tex.
<i>Prunus persica</i> (peach).....	Mexico.....	3			Tex.
<i>Psidium guajava</i> (guava).....	Colombia.....	1			Fla.*
<i>Pyrus communis</i> (pear).....	Mexico.....	3			Tex.

Pests collected and reported from July 1, 1954, through June 30, 1955—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Anastrepha fraterculus</i> (Wied.) (?) (Tephritidae):					
<i>Citrus sinensis</i> (orange).....	Brazil.....	---	1	---	Mass.
<i>Anastrepha ludens</i> (Loew) (Tephritidae):					
<i>Casimiroa edulis</i> (white sapote).....	Mexico.....	1	---	---	Tex.
<i>Citrus aurantifolia</i> (sweet lime).....	do.....	8	1	---	Ariz., Tex.
<i>Citrus paradisi</i> (grapefruit).....	do.....	13	1	---	Calif., Tex.
<i>Citrus sinensis</i> (orange).....	Guatemala, Mexico.....	77	26	---	Ala., Ariz., La., N. Y., Tex.
<i>Cydonia oblonga</i> (quince).....	Mexico.....	5	---	---	Tex.
<i>Mammea americana</i> (mamey).....	Mexico, Nicaragua.....	1	1	---	Tex.
<i>Mangifera indica</i> (mango).....	Guatemala, Mexico, Nicaragua, Salvador.....	64	2	---	Ariz., Calif., Calif.*, La., Tex.
<i>Persea americana</i> (avocado).....	Mexico.....	1	---	---	Tex.
<i>Prunus persica</i> (peach).....	do.....	2	---	---	Tex.
<i>Pyrus communis</i> (pear).....	do.....	7	---	---	Ariz., Tex.
<i>Anastrepha mombinpraeoptans</i> Sein (Tephritidae):					
<i>Mangifera indica</i> (mango).....	Brazil, Costa Rica, Cuba, Dominican Republic, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico, Salvador.....	71	6	---	Calif., Calif.*, Fla.*, La., N. J., N. Y., P. R., Tex.
<i>Psidium guajava</i> (guava).....	Guatemala.....	1	---	---	La.
<i>Pyrus communis</i> (pear).....	Mexico.....	1	---	---	Tex.
<i>Spondias mombin</i> (yellow mombin).....	Guatemala, Nicaragua, Salvador.....	11	---	---	Calif.*, La., Tex.
<i>Spondias purpurea</i> (purple mombin).....	Cuba, Nicaragua.....	2	---	---	Calif.*, Fla.*
<i>Spondias</i> sp. (mombin).....	Costa Rica, Nicaragua, Salvador.....	3	---	1	Fla., Fla.*, Tex.
<i>Anastrepha serpentina</i> (Wied.) (Tephritidae):					
<i>Achras zapota</i> (sapodilla).....	Guatemala, Mexico, Nicaragua, Salvador.....	5	---	---	Calif.*, La., Tex.
<i>Citrus sinensis</i> (orange).....	Brazil.....	---	1	---	Pa.
<i>Mammea americana</i> (mamey).....	Salvador.....	1	---	---	Tex.
<i>Mangifera indica</i> (mango).....	Colombia, Ecuador.....	2	---	---	Fla.*, La.
Sapote.....	Salvador.....	1	---	---	Tex.
<i>Anastrepha striata</i> Schin. (Tephritidae):					
<i>Psidium guajava</i> (guava).....	Costa Rica, Mexico.....	6	---	---	Ariz., Tex.
<i>Anastrepha suspensa</i> (Loew) (Tephritidae):					
<i>Psidium guajava</i> (guava).....	Puerto Rico.....	---	1	---	Ga.
<i>Ancylostoma stercorea</i> (Zell.) (Phycitidae):					
<i>Cajanus cajan</i> (pigeonpea).....	Anguilla, Canal Zone, Dominican Republic, Montserrat, St. Kitts.....	7	---	---	D. C., N. Y., St. Croix, St. Thomas & St. John.
<i>Antonina graminis</i> (Mask.) (Coccidae):					
<i>Stenotaphrum secundatum</i> (St. Augustine grass).....	Bermuda.....	---	1	---	Ala.
<i>Anuraphis cardui</i> (L.) (Aphidae):					
<i>Cynara scolymus</i> (globe artichoke).....	Greece, Italy.....	---	2	---	Ga., Pa.
<i>Anuraphis tulipae</i> (Fonse.) (Aphidae):					
<i>Gladiolus</i> sp.....	Netherlands.....	---	1	---	N. Y.
<i>Iris alata</i>	England.....	---	1	---	N. J.
<i>Iris korolkowi</i>	do.....	---	1	---	N. J.
<i>Iris stolonifera</i>	Netherlands.....	---	1	---	N. J.
<i>Iris</i> sp.....	England.....	---	4	---	N. J.
<i>Tulipa</i> sp. (tulip).....	Belgium, Netherlands.....	1	---	3	La., Pa., Tex.
<i>Aonidiella comperi</i> McKenzie (Coccidae):					
<i>Citrus aurantifolia</i> (lime).....	Dominica.....	1	---	---	St. Thomas & St. John
<i>Aonidiella inornata</i> McKenzie (Coccidae):					
<i>Cannabis sativa</i> (hemp).....	Japan.....	---	1	---	Wash.
<i>Citrus paradisi</i> (pomelo).....	China.....	1	---	---	Hawaii.
<i>Cocos nucifera</i> (coconut).....	Guam.....	1	---	---	Hawaii.
Palm.....	Japan.....	---	1	---	Calif.*

Pests collected and reported from July 1, 1954, through June 30, 1955—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Aonidiella marginipora</i> McKenzie (Coccidae): Orchid.....	Japan.....			1	Calif.*
<i>Aphis citricidus</i> (Kirk.) (Aphidae): Airplane.....	Hawaii.....		1		Hawaii.
<i>Apion pomonae</i> F. (Curculionidae): <i>Vicia sativa</i> (vetch).....	Portugal.....	1			Va.
<i>Araecerus vicillardi</i> Montrz. (Anthribidae): <i>Operculina tuberosa</i> (wood-rose).....	Hawaii.....	2			Hawaii.
<i>Arctia caerulea</i> (Guen.) (Phalaenidae): Airplane.....	Japan, Midway (?).....		2		Hawaii.
<i>Ardis sulcata</i> (Cam.) (Tenthredinidae): <i>Rosa</i> sp.....	Germany.....	1			Ill.
<i>Argyresthia confugella</i> (Zell.) (Hyponomeutidae): <i>Malus sylvestris</i> (apple).....	Germany, Norway.....	1	1		N. Y.
<i>Arion ater</i> L. (Mollusca): <i>Rhododendron</i> sp.....	Ireland.....			1	N. Y.
<i>Aspidiotus australiensis</i> Kuw. (Coccidae): <i>Dendrobium toffii</i> (orchid).....	Australia.....			1	Hawaii.
<i>Aspidiotus degeneratus</i> (Leon.) (Coccidae): <i>Camellia</i> sp.....	Japan.....			1	N. J.
<i>Aspidiotus destructor</i> Sign. (Coccidae): <i>Annona squamosa</i> (sugar-apple).....	Cayman Islands.....		1		Fla.*
<i>Cocos nucifera</i> (coconut).....	Canal Zone.....	1			Calif.*
Leaf—unknown.....	Panama.....	1			Fla.*
<i>Licuala grandis</i>	Cuba.....			1	Fla.
Palm.....	Mexico.....	1			Tex.
<i>Aspidiotus diffinis</i> Newst. (Coccidae): <i>Persea americana</i> (avocado).....	do.....			1	Tex.
<i>Aspidiotus hedericola</i> Ldgr. (Coccidae): <i>Hedera</i> sp. (ivy).....	Italy.....			1	N. Y.
<i>Aspidiotus herculeanus</i> Ckll. & Hadd. (Coccidae): <i>Cochlospermum vitifolium</i>	Puerto Rico.....			1	D. C.
<i>Aspidiotus palmarum</i> Ckll. (Coccidae): <i>Areca catechu</i> (betel palm).....	Philippines.....	1			Hawaii.
<i>Eugenia caryophyllata</i>	Fiji.....			1	Hawaii.
<i>Aspidiotus pyri</i> Licht. (Coccidae): <i>Malus sylvestris</i> (apple).....	Germany.....	1			N. Y.
<i>Asterobemisia carpinii</i> (Koch) (Aleyrodidae): <i>Rubus</i> sp.....	France.....		1		N. Y.
<i>Asterolecanium bambusae</i> (Bdv.) (Coccidae): Bamboo.....	Mexico.....			1	Tex.
<i>Asterolecanium epidendri</i> (Bouche) (Coccidae): Bamboo.....	do.....			1	Tex.
<i>Cattleya granulosa</i> (orchid).....	Brazil.....			1	Calif.*
<i>Cattleya</i> sp.....	Costa Rica.....			1	Fla.
<i>Cymbidium sinense</i> (orchid).....	India.....			1	N. J.
<i>Epidendrum</i> sp.....	Cuba.....			1	Fla.
<i>Miltonia regnellii</i> (orchid).....	Brazil.....			1	Calif.*
<i>Oncidium</i> sp. (orchid).....	Jamaica.....			2	Fla.
Orchid.....	Brazil, Canal Zone, Jamaica, Tobago.....			7	Calif.*, Fla
<i>Asterolecanium miltaris robustum</i> Green (?) (Coccidae): Bamboo.....	St. Kitts.....	1			Mass.
<i>Asterolecanium pustulans</i> (Ckll.) (Coccidae): <i>Hibiscus</i> sp.....	Hawaii.....			1	Hawaii.
<i>Jasminum</i> sp. (jasmine).....	Mexico.....			1	Ariz.
<i>Pachira fastuosa</i> (apompo pachira).....	Puerto Rico.....			1	D. C.
<i>Theobroma cacao</i> (cacao bean).....	Grenada.....	1			Fla.*
Unidentified leaf.....	Guam.....	1			Calif.*
<i>Athous haemorrhoidalis</i> (F.) (?) (Elaterridae): Soil around plants.....	Canada.....			1	N. Y.
<i>Atractomopha ambigua</i> Bol. (Aerididae): <i>Cordyline terminalis</i> (ti).....	Hawaii.....	1			Hawaii.
<i>Aufeius impressicollis</i> Stal (Coreidae): Airplane.....	Mexico.....		1		Tex.
Orchid.....	do.....			2	Tex.

Pests collected and reported from July 1, 1954, through June 30, 1955—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Aulacaspis mangiferae</i> Newst. (Coccidae): <i>Mangifera indica</i> (mango).....	Brazil, Guatemala, Philippines, Salvador, Venezuela.	5	3	---	Calif.*, Fla.*, Hawaii, Pa., Tex.
<i>Aulacoscelis melanocera</i> Dup. & Chevr. (Chrysomelidae): Cycad.....	Mexico.....	---	---	1	Tex.
<i>Autoserica castanea</i> Arrow (Scarabaeidae): Airplane.....	Japan (?).....	---	1	---	Hawaii.
<i>Barathra brassicae</i> (L.) (Phalaenidae): <i>Brassica oleracea botrytis</i> (cauliflower).....	France.....	---	1	---	N. Y.
<i>Brassica oleracea capitata</i> (cabbage).....	Belgium, Italy, Netherlands.	---	3	---	Ga., N. Y.
Herb.....	England.....	---	---	1	N. Y.
<i>Baris lepidii</i> Germ. (Curculionidae): <i>Armoracia rusticana</i> (horseradish).....	Germany.....	2	---	---	Md., N. Y.
<i>Bemisia inconspicua</i> (Q.) (Aleyrodidae): Leaf—unidentified.....	Ecuador.....	1	---	---	Calif.*
Soil with curly escarol.....	Spain.....	---	1	---	Mass.
<i>Bephrata maculicollis</i> Cam. (Eurytomidae): <i>Annona muricata</i> (soursoy).....	Brazil.....	1	---	---	P. R.
<i>Blissus diplopterus</i> Dist. (Lygaeidae): <i>Prunus armeniaca</i> (apricot).....	Union of South Africa.....	4	---	---	N. Y.
<i>Bolbocoris variolosus</i> (Germar) (Pentatomidae): <i>Panicum</i> sp.....	Transvaal.....	---	---	1	D. C.
<i>Brachycerus albidentatus</i> Gyll. (Curculionidae): <i>Allium sativum</i> (garlic).....	Italy.....	3	---	---	La., P. R.
<i>Brachycerus algirus</i> F. (Curculionidae): <i>Allium sativum</i> (garlic).....	Italy, Spain.....	10	2	---	Mass., N. Y., P. R., Tex.
<i>Brachyrhinus ovatus</i> (L.) (Curculionidae): Herb.....	Canada.....	---	---	1	Minn.
<i>Vicia faba</i> (broadbean).....	do.....	1	---	---	Mich.
<i>Brachyrhinus porcatus</i> (Hbst.) (Curculionidae): Soil with pansies.....	Germany.....	---	---	1	Mass.
<i>Brachyrhinus rugosostriatus</i> (Goeze) (Curculionidae): <i>Cedrus</i> sp. (cedar).....	Canada.....	1	---	---	N. Y.
<i>Brachyrhinus sulcatus</i> (F.) (Curculionidae): <i>Calluna vulgaris</i> (heather).....	England.....	1	---	---	Ill.
<i>Bradybaena similis</i> (Fer.) (Mollusca): <i>Anthurium</i> sp.....	Hawaii.....	3	---	---	Hawaii.
<i>Cucurbita pepo</i> (pumpkin).....	Japan.....	---	1	---	Pa.
<i>Ipomoea batatas</i> (sweetpotato).....	Brazil.....	---	1	---	La.
<i>Lilium</i> sp. (lily).....	Bermuda.....	1	---	---	N. Y.
<i>Stenotaphrum secundatum</i> (St. Augustine grass).....	do.....	---	---	1	Ala.
<i>Strelitzia reginae</i> (bird-of-paradise-flower).....	Hawaii.....	2	---	---	Hawaii.
Tree—dwarf.....	Japan.....	---	---	1	Hawaii.
<i>Vanda</i> sp. (orchid).....	Hawaii.....	30	---	---	Hawaii.
<i>Brevipalpus australis</i> (Tucker) (Tenuipalpidae): <i>Citrus limon</i> (lemon).....	Italy.....	---	1	---	Pa.
<i>Brevipalpus phoenicis</i> (Geijskes) (Tenuipalpidae): <i>Citrus limon</i> (lemon).....	do.....	---	1	---	Pa.
<i>Citrus</i> sp.....	India, Tahiti.....	---	2	---	D. C.
<i>Cynoches</i> sp. (orchid).....	Canal Zone.....	---	1	---	Fla.
<i>Hibiscus</i> sp.....	Mexico.....	---	---	1	Tex.
<i>Bromeliaeimeris puncticollis</i> Hsiao (Miridae): <i>Dendrobium</i> sp. (orchid).....	Australia.....	---	---	1	Hawaii.
<i>Bruchidius gilvus</i> (Gyll.) (Bruchidae): <i>Cynoglossum</i> sp.....	Italy.....	---	---	1	Mass.
<i>Bruchophagus onobrychidis</i> (Nik.) (Eurytomidae): <i>Onobrychis viciaefolia</i> (sainfoin).....	Turkey.....	---	---	1	D. C.
<i>Onobrychis</i> sp.....	do.....	---	---	1	D. C.
<i>Bruchus azoricus</i> Cr. (?) (Bruchidae): <i>Lathyrus</i> sp.....	Azores.....	---	---	1	Mass.
<i>Bruchus brachialis</i> Fahr. (Bruchidae): <i>Vicia ervilia</i> (bitter vetch).....	Afghanistan.....	---	---	1	D. C.
<i>Vicia pannonica</i> (Hungarian vetch).....	Belgium.....	---	---	1	D. C.
<i>Vicia sativa</i> (vetch).....	France.....	---	---	1	D. C.
<i>Vicia villosa</i> (hairy vetch).....	Canada.....	---	---	1	N. Y.

Pests collected and reported from July 1, 1954, through June 30, 1955—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Bruchus ervi</i> Froh. (Bruchidae): <i>Lens culinaris</i> (lentil).....	Greece, Italy, Lebanon, Syria.	5			N. Y.
<i>Bruchus guttalis</i> Rey (Bruchidae): <i>Vicia sativa</i> (vetch).....	France	1			Mass.
<i>Bruchus lentis</i> Froel. (Bruchidae): <i>Lens culinaris</i> (lentil).....	Afghanistan, France, Greece, Iran, Morocco.		3	3	D. C., N. Y., Tex.
<i>Bruchus luteicornis</i> Ill. (Bruchidae): <i>Vicia sativa</i> (vetch).....	France	2			Mass.
<i>Bruchus signaticornis</i> Gyll. (Bruchidae): <i>Lens culinaris</i> (lentil).....	Italy	1			N. Y.
<i>Bruchus tristiculus</i> Fahr. (Bruchidae): <i>Lathyrus sativus</i> (grass pea).....	do	1			N. Y.
<i>Bruchus tristis</i> Boh. (Bruchidae): <i>Lathyrus cicera</i> <i>Lathyrus sativus</i> (grass pea).....	Iran..... Bermuda, Italy, Unknown.			1 3	D. C., Mass., N. Y.
<i>Lathyrus</i> sp..... <i>Vicia ervilia</i> (bitter vetch)..... <i>Vicia sativa</i> (vetch).....	Italy..... Lebanon..... Italy	3 1			N. Y., N. J., N. Y.
<i>Bruchus ulicis</i> Muls. (Bruchidae): <i>Vicia ervilia</i> (bitter vetch).....	Afghanistan			4	D. C.
<i>Cacographa osteolalis</i> Led. (Schoenobiidae): <i>Colocasia</i> sp.....	Mexico			1	Tex.
<i>Cactophagus validirostris</i> (Gyll.) (Curculionidae): <i>Philodendron</i> sp.....	do			1	Tex.
<i>Calligrapha diversa</i> Stal (Chrysomelidae): Orchid.....	do			1	Tex.
<i>Callosobruchus analis</i> (F.) (Bruchidae): Bird feed..... <i>Glycine max</i> (soybean)..... Grain—mixed..... <i>Phaseolus aureus</i> <i>Piptadenia peregrina</i>	Japan..... Indonesia, Japan..... India..... Afghanistan..... Brazil	1 1 1 1	2 1		Hawaii, N. Y., Va. Ga. D. C., D. C.
<i>Callosobruchus maculatus</i> (F.) (Bruchidae): Bean..... <i>Cajanus cajan</i> (pigeonpea)..... <i>Cicer arietinum</i> (chickpea)..... <i>Dolichos lablab</i> (hyacinth-bean)..... <i>Dolichos</i> sp..... Legume seed..... <i>Phaseolus aureus</i> (mung bean).....	Greece, Italy..... Philippines, Trinidad..... Brazil, Pakistan..... Italy..... Cape Verde Islands..... Nigeria, Pakistan..... Iraq, Japan	2 1 1 1 1 1 2		1 1 1	Ill., N. Y., Fla., N. Y., D. C., Pa. N. Y., Mass. D. C., N. J., La., N. Y., Tex.
<i>Phaseolus mungo</i> (mungo bean)..... <i>Vigna sinensis</i> (cowpea)..... <i>Voandzeia subterranea</i> (Congo goober).....	England..... China, Kenya..... Nigeria			1 1 1	D. C., D. C., Mass. Mass.
<i>Callosobruchus marshalli</i> (Pic) (Bruchidae): <i>Vigna sinensis</i> (cowpea).....	Kenya, Union of South Africa.			2	D. C.
<i>Callosobruchus phaseoli</i> (Boh.) (Bruchidae): <i>Cajanus cajan</i> (pigeonpea)..... <i>Cynodon dactylon</i> (Bermuda grass).....	Grenada..... Kenya	1		1	N. Y., D. C.
<i>Capaneus telricus</i> Stal (Coreidae): Orchid.....	Mexico			2	Tex.
<i>Capitophorus chrysanthemi</i> Theob. (Aphidae): <i>Chrysanthemum</i> sp.....	Greece			1	Mich.
<i>Carbula damalis</i> Kirk. (Pentatomidae): <i>Heteropogon</i> sp.....	Rhodesia			1	D. C.
<i>Carbula ligatrix</i> Kirk. (Pentatomidae): <i>Vitis</i> sp. (grape).....	Union of South Africa	1			N. Y.
<i>Carposina sasakii</i> Mats. (Carposinidae) <i>Malus sylvestris</i> (apple).....	Japan	1	5		Hawaii, N. Y., Pa Wash.
<i>Prunus persica</i> (peach)..... <i>Caryedon fuscus</i> (Goeze) (Bruchidae): <i>Acacia scorpioides</i> <i>Arachis hypogaea</i> (peanut)..... <i>Cassia</i> sp.....	do..... India..... Cape Verde Islands..... Hawaii	1 4		1	D. C., Mass. Hawaii.

Pests collected and reported from July 1, 1954, through June 30, 1955—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Caryedon fuscus</i> —Continued					
<i>Copernicia alba</i>	Paraguay.....			1	Fla.
<i>Tamarindus indica</i> (tamarind).....	Philippines.....	1			Ill.
<i>Cassida circumdata</i> Hbst. (Chrysomelidae):					
Airplane.....	Guam (?).....		2		Hawaii.
<i>Caulophilus latinasus</i> Say (Curculionidae):					
Orchid.....	Mexico.....			1	Tex.
<i>Persea americana</i> (avocado).....	do.....			1	Tex.
<i>Ceratitis capitata</i> (Wied.) (Tephritidae):					
<i>Citrus paradisi</i> (grapefruit).....	Egypt, Israel, Spain.....		6		Fla.*, N. Y., Pa., Tex.
<i>Citrus paradisi</i> (pomelo).....	Italy.....	1			N. Y.
<i>Citrus reticulata</i> (Mandarin orange).....	Italy, Morocco, Portugal.....	3	3		Mass., N. Y., Pa.
<i>Citrus sinensis</i> (orange).....	Azores, Cyprus, Egypt, France (?), Israel, Italy, Malta, Portugal, Spain, Spanish Morocco, unknown.	17	25		Ala., Fla.*, Ill., La., Mass., N. Y., Pa., Tex., Va.
<i>Coffea</i> sp. (coffee).....	Brazil, Hawaii.....	12			Calif.*, Hawaii, La.
<i>Cydonia oblonga</i> (quince).....	Greece, Italy.....	8			N. Y.
<i>Diospyros</i> sp. (persimmon).....	Italy.....	1			N. Y.
<i>Eriobotrya japonica</i> (loquat).....	Portugal.....	1			Mass.
<i>Ficus carica</i> (fig).....	Azores, Italy.....	3			Mass.
<i>Malus sylvestris</i> (apple).....	do.....	1	1		Mass., N. Y.
<i>Opuntia humifusa</i> (pricklypear).....	Italy.....	12			Mass., N. Y.
<i>Prunus armeniaca</i> (apricot).....	Unknown.....		1		N. Y.
<i>Prunus persica</i> (peach).....	France, Italy.....	1	1		Mass.
<i>Prunus persica nectarina</i> (nectarine).....	Italy.....	1			Mass.
<i>Punica granatum</i> (pomegranate).....	do.....	2			N. Y.
<i>Pyrus communis</i> (pear).....	Azores, Italy.....	2	2		Mass., N. Y.
<i>Ceratitis capitata</i> (Wied.) (?) (Tephritidae):					
<i>Capsicum frutescens</i> (pepper).....	Angola.....		1		Pa.
<i>Citrus reticulata</i> (Mandarin orange).....	Algeria.....		1		Md.
<i>Citrus sinensis</i> (orange).....	Cyprus, Portugal, Spanish Morocco.....	1	2		Ill., Mass., Tex.
<i>Coffea</i> sp. (coffee).....	Brazil, Hawaii.....	5			Hawaii, Tex.
<i>Malus sylvestris</i> (apple).....	Unknown.....		1		N. Y.
<i>Passiflora</i> sp.....	Portugal.....	1			Mass.
<i>Persea americana</i> (avocado).....	Hawaii.....	1			Hawaii.
<i>Prunus armeniaca</i> (apricot).....	Unknown.....		1		Mass.
<i>Cerconota anonella</i> (Sepp) (Stenomidae):					
<i>Annona muricata</i> (soursop).....	Brazil, Trinidad.....	2			N. Y., P. R.
<i>Ceroplastes japonica</i> Green (Coccidae):					
<i>Prunus</i> sp.....	Japan.....			1	Calif.*
<i>Ceroplastes rubens</i> Mask. (Coccidae):					
<i>Anthurium</i> sp.....	Hawaii.....	1			Hawaii.
<i>Asplenium nidus</i> (birdnest fern).....	do.....	1			Hawaii.
<i>Gardenia</i> sp.....	do.....	2			Calif.*
<i>Ceroplastes rusci</i> (L.) (Coccidae):					
<i>Ficus carica</i> (fig).....	Italy.....			1	Ill.
<i>Ceroplastes sinensis</i> Del Guer. (Coccidae):					
<i>Citrus sinensis</i> (orange).....	do.....	1			N. Y.
<i>Ceratomya atrofasciata</i> Jac. (?) (Chrysomelidae):					
<i>Phaseolus vulgaris</i> var. (string bean).....	Mexico.....	1			Ariz.
<i>Homocidus variabilis</i> (Hsiao & Sailer) (Pentatomidae):					
Orchid and bromeliad plants.....	do.....			1	Ariz.
<i>Chilo loftini</i> Dyar (Crambidae):					
<i>Saccharum officinarum</i> (sugarcane).....	do.....	7			Ariz., Calif.
<i>Chilo suppressalis</i> (Wlk.) (Crambidae):					
<i>Oryza sativa</i> (rice).....	Japan, Korea.....	5	2		Calif.*, Hawaii, La., Tex.
<i>Chionaspis diosomae</i> Brain (Coccidae):					
<i>Diosoma crenulata</i> (buchu).....	Union of South Africa.....		1		N. Y.

Pests collected and reported from July 1, 1954, through June 30, 1955—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Chrysomphalus bifasciculatus</i> Ferris (Coccidae):					
<i>Dendrobium</i> sp. (orchid)	Japan			1	Calif.*
<i>Chrysomphalus decorosus</i> (Ferris) (Coccidae):					
<i>Tillandsia</i> sp.	Mexico			1	Calif.*
<i>Chrysomphalus diversicolor</i> Green (as defined by McKenzie) (Coccidae):					
<i>Citrus paradisi</i> (pomelo)	China	1			Hawaii.
<i>Chrysomphalus lilacinus</i> (Ckll.) (Coccidae):					
<i>Quercus</i> sp. (oak)	Mexico	1			Ariz.
<i>Chrysomphalus odontoglossi</i> (Ckll.) (Coccidae):					
Orchid	do			1	Ariz.
<i>Chrysomphalus personatus</i> (Comst.) (Coccidae):					
Bromeliad	Brazil			1	N. J.
<i>Cocos nucifera</i> (coconut)	Canal Zone, Mexico	2			Calif.*
<i>Persea americana</i> (avocado)	Mexico	1			Tex.
<i>Vriesia viminalis</i>	France			1	N. J.
<i>Chrysomphalus sphaeroides</i> (Ckll.) (Coccidae):					
<i>Chamaedorea oblongata</i>	Mexico	2			Tex.
<i>Chamaedorea</i> sp.	do	1			Tex.
<i>Chrysomphalus tenax</i> (McKenzie) (Coccidae):					
<i>Brassavola cordata</i> (orchid)	Jamaica			1	Hawaii.
Leaf—unidentified	Mexico			1	Tex.
Orchid	Trinidad			1	Hawaii.
<i>Chrysomphalus tenax</i> McKenzie (?) (Coccidae):					
<i>Rosa</i> sp.	Mexico	1			Tex.
<i>Chrysomphalus tingi</i> (McKenzie) (Coccidae):					
<i>Cocos nucifera</i> (coconut)	do	6			Calif.*
<i>Chrysomphalus unboniferus</i> (Newst.) (Coccidae):					
<i>Cattleya</i> sp. (orchid)	Canal Zone, Costa Rica			2	Fla.
<i>Laelia rubescens</i> (orchid)	Costa Rica			1	Calif.*
<i>Oncidium confusum</i> (orchid)	Canal Zone			1	Fla.
Orchid	Canal Zone, Costa Rica, Guatemala, Honduras, Mexico.			8	Fla., Tex.
<i>Chrysopera combinans</i> (Wlk.) (Phalaenidae):					
Airplane	Kwajalein		1		Hawaii.
<i>Coccus capparidis</i> (Green) (Coccidae):					
<i>Philadelphus</i> sp. (mockorange)	Hawaii	1			Hawaii.
<i>Coccus viridis</i> (Green) (Coccidae):					
<i>Alpinia purpurata</i>	do	1			Calif.*
<i>Broughtonia</i> sp.	Jamaica			1	Fla.
<i>Bryophyllum</i> sp.	Hawaii	1			Hawaii.
<i>Citrus aurantifolia</i> (lime)	Montserrat	1			St. Thomas & St. John.
<i>Citrus</i> sp.	Bermuda			1	N. Y.
<i>Coffea</i> sp. (coffee)	Haiti, Hawaii	3			Fla.*
					Calif.*
					Hawaii.
<i>Cryptostegia grandiflora</i> (palay rubbervine)	Hawaii	1			Hawaii.
<i>Gardenia augusta</i> (gardenia)	Cuba, Hawaii	34	2	1	Calif.*
					Fla.*
					Hawaii.
<i>Izora grandiflora</i>	Indonesia			1	N. J.
<i>Izora</i> sp.	Trinidad	1			Fla.
<i>Plumeria</i> sp.	Hawaii	1		2	Hawaii.
<i>Schinus</i> sp. (peppertree)	do	1			Hawaii.
<i>Conchaspis orchidarum</i> Mamet (Coccidae):					
<i>Epidendrum</i> sp. (orchid)	Canal Zone			1	N. J.
<i>Rauwolfia lamarkii</i>	Puerto Rico			1	D. C.
<i>Conoderus ersul</i> (Sharp) (Elateridae):					
<i>Vanda</i> sp. (orchid)	Hawaii	1			Hawaii.
<i>Conoderus pallipes</i> (Eschscholtz) (Elateridae):					
Airplane	Guam, Japan, Midway, unknown.			5	Hawaii.
<i>Conotrachelus aguacatae</i> Barber (Curculionidae):					
<i>Persea americana</i> (avocado)	Mexico	37			Tex.
<i>Coptotermes formosanus</i> Shiraki (Rhino-termitidae):					
Airplane	Hawaii, Japan			3	Hawaii.
<i>Coptotermes testaceus</i> (L.) (Rhino-termitidae):					
<i>Cedrus</i> sp. (cedar)	Peru	1			La.

Pests collected and reported from July 1, 1954, through June 30, 1955—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consump- tion	Non-entry	Propaga- tion	
<i>Corythucha mcelfreshi</i> Drake (Tingidae):					
<i>Pelargonium</i> sp. (geranium)	Mexico			1	Tex.
<i>Corythucha spinosa</i> Duges (Tingidae):					
Orchid	do			1	Calif.*
<i>Cosmopolites sordidus</i> Germ. (Curculionidae):	do			1	Tex.
<i>Musa paradisiaca sapientum</i> (banana)					
<i>Crenidorsum commune</i> Rsl. (Aleyrodidae):					
<i>Coccoloba wifera</i> (seagrape)	Bahamas	1			Fla.*
<i>Crenotiades stramineus</i> (Wlk.) (Miridae):					
Airplane	Unknown		1		Hawaii.
<i>Cryphula apicalis</i> (Dist.) (Lygaeidae):					
Orchid	Mexico			2	Calif.*, Tex.
<i>Cryphula apicalus</i> (Dist.) (Lygaeidae):					
<i>Anthurium</i> sp.	do			1	Tex.
Orchid	do			2	Ariz., Tex.
<i>Cryptoblabes gnidiella</i> (Mill.) (Phycitidae):					
<i>Citrus limon</i> (lemon)	Italy	1			N. Y.
<i>Citrus sinensis</i> (orange)	Italy, Spain	1	3		N. Y., Pa.
<i>Punica granatum</i> (pomegranate)	do	5			N. J., N. Y.
<i>Cryptophlebia illepidia</i> (Bthr.) (Olethreutidae):					
<i>Macadamia</i> sp.	Hawaii	1			Hawaii.
<i>Cryptotermes brevis</i> (Wlk.) (Kalotermitidae):					
Baggage	do	1			Hawaii.
Luggage	do	1			Hawaii.
Paper	Hawaii, Puerto Rico	2			Hawaii, St. Thomas & St. John.
<i>Curculio elephas</i> (Gyll.) (Curculionidae):					
<i>Castanea</i> sp. (chestnut)	Greece, Italy, Yugo- slavia.	33			N. Y., Pa.
<i>Curculio q-griseae</i> Chhtn. (Curculionidae):					
<i>Quercus</i> sp. (oak)	Mexico	1			Tex.
<i>Cylas formicarius</i> (F.) (Curculionidae):					
Baggage	Hawaii	1			Hawaii.
<i>Ipomoea batatas</i> (sweetpotato)	India		4		Ga., Mass., N. Y.
<i>Cylas formicarius elegantulus</i> (Summers) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)	Cuba, Mexico, Mont- serrat, Puerto Rico.	6	7		Ala., Fla., La., Pa., P. R., St. Croix, Tex.
<i>Cylas formicarius formicarius</i> F. (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)	India, Japan	2	1		Hawaii, Mass., N. Y.
<i>Dacus cucurbitae</i> Coq. (Tephritidae):					
<i>Cucumis sativus</i> (cucumber)	Hawaii	2	5		Calif.*
<i>Lycopersicon esculentum</i> (tomato)	do		8		Calif.*
<i>Dacus cucurbitae</i> Coq. (?) (Tephritidae):					
<i>Cucumis sativus</i> (cucumber)	do		1		Calif.*
<i>Lycopersicon esculentum</i> (tomato)	do		1		Calif.*
<i>Dacus dorsalis</i> Hend. (Tephritidae):					
Airplane	do		5		Hawaii.
<i>Calophyllum inophyllum</i>	do	1			Hawaii.
<i>Coffea</i> sp. (coffee)	do	7			Hawaii.
<i>Cordyline terminalis</i> (ti)	do	1			Hawaii.
<i>Eugenia malaccensis</i> (mountain apple)	do	1			Hawaii.
<i>Mangifera indica</i> (mango)	do	3	2		Calif.* Ha- waii.
<i>Musa paradisiaca sapientum</i> (banana)	do	1			Calif.*
Orchid	do		1		Hawaii.
<i>Psidium guajava</i> (guava)	Guam	1			Calif.*
<i>Terminalia</i> sp.	Hawaii	1			Hawaii.
<i>Dacus dorsalis</i> Hend. (?) (Tephritidae):					
<i>Coffea arabica</i> (Arabian coffee)	do	1			Hawaii.
<i>Coffea</i> sp. (coffee)	do	1			Hawaii.
<i>Dacus oleae</i> Gmel. (Tephritidae):					
<i>Olea europaea</i> (olive)	Greece, Italy, Lebanon	15			Mass., N. Y.
<i>Dacus oleae</i> Gmel. (?) (Tephritidae):					
<i>Olea europaea</i> (olive)	Italy	1			N. Y.

Pests collected and reported from July 1, 1954, through June 30, 1955—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Dacus tryoni</i> (Frogg.) (?) (Tephritidae):					
<i>Pyrus communis</i> (pear).....	Australia.....	---	1	---	Hawaii.
<i>Dasyneura affinis</i> (Kieff.) (Itonididae):					
<i>Viola</i> sp. (violet).....	England.....	---	---	1	N. J.
<i>Dendrocoris variegatus</i> Nelson (Pentatomidae):					
Cactus and succulent plants.....	Mexico.....	---	---	1	Ariz.
Orchid.....	do.....	---	---	2	Ariz., Calif.*
<i>Deroceras reticulatum</i> (Muller) (Mollusca):					
<i>Allium porrum</i> (leek).....	Germany.....	---	1	---	Pa.
<i>Apium graveolens</i> (celery).....	Portugal.....	---	1	---	Pa.
<i>Beta vulgaris</i> (beet).....	New Zealand.....	---	1	---	Pa.
<i>Brassica oleracea botrytis</i> (cauliflower).....	Belgium.....	---	1	---	N. Y.
<i>Brassica oleracea capitata</i> (cabbage).....	England, Germany, Italy, Netherlands.	---	6	---	La., Pa.
<i>Brassica rapa</i> (turnip).....	France.....	---	1	---	Pa.
<i>Cichorium intybus</i> (escarole).....	do.....	---	1	---	N. Y.
<i>Cordyline terminalis</i> (ti).....	Hawaii.....	---	---	2	Hawaii.
<i>Cynara scolymus</i> (globe artichoke).....	Italy.....	---	1	---	Mass.
<i>Daucus carota</i> (carrot).....	Chile.....	---	1	---	Pa.
<i>Heliconia</i> sp.....	Hawaii.....	---	1	---	Hawaii.
<i>Lactuca sativa</i> (lettuce).....	Australia, England, Ire- land, Italy, Sweden.	---	5	---	Hawaii, Mass., N. Y., Pa.
Orchid.....	Costa Rica, Ecuador, Jamaica, Guatemala, Venezuela.	---	---	6	Fla.,* Ha- wail.
<i>Solanum tuberosum</i> (potato).....	Ireland.....	1	---	---	N. Y.
With turnips and beets.....	Union of South Africa.....	---	1	---	Mass.
<i>Diabrotica brevilineata</i> Jac. (Chrysomelidae):					
Airplane.....	Unknown.....	---	1	---	Fla.*
<i>Diabrotica lepida</i> (Say) (Chrysomelidae):					
<i>Tillandsia</i> sp.....	Mexico.....	---	---	1	Tex.
<i>Diabrotica speciosa</i> (Germ.) (Chrysomelidae):					
<i>Paspalum dilatatum</i> (Dallas grass).....	Brazil.....	---	---	1	D. C.
<i>Dialeurodes chittendeni</i> Laing (Aleyrodidae):					
<i>Rhododendron</i> sp.....	England, Netherlands.....	---	---	6	N. J.
<i>Dialeurodes citri</i> (Ashm.) (Aleyrodidae):					
<i>Citrus aurantifolia</i> (lime).....	Japan.....	---	1	---	Calif.*
<i>Rhododendron</i> sp.....	do.....	---	---	1	N. J.
<i>Dialeurodes citrifolii</i> (Morg.) (Aleyrodidae):					
<i>Citrus</i> sp.....	Cuba.....	1	---	---	Fla.*
<i>Dialeurodes kirkaldyi</i> (Kot.) (Aleyrodidae):					
<i>Gardenia augusta</i> (gardenia).....	Lebanon.....	---	---	1	N. Y.
<i>Diaspis zamiae</i> Morg. (Coccidae):					
Palm.....	Italy.....	---	---	1	N. J.
<i>Dicyphus annulatus</i> (Wolff) (Miridae):					
<i>Lactuca sativa</i> (lettuce).....	do.....	---	1	---	Va.
<i>Dinoderus bifoveolatus</i> (Woll.) (Bostrichidae):					
<i>Lonchocarpus</i> sp. (cuberoot).....	Brazil.....	1	---	---	N. Y.
<i>Dinoderus brevis</i> (Horn) (Bostrichidae):					
Bamboo.....	India.....	3	---	---	Ala., La.
<i>Diocalandra latitensis</i> (Guer.) (Curculionidae):					
<i>Cocos nucifera</i> (coconut).....	Hawaii.....	4	---	---	Calif.,* Ha- wail.
<i>Diorymerellus laevimargo</i> Champ. (Curculionidae):					
Orchid.....	Mexico.....	---	---	9	Calif.,* Tex.
<i>Disonychia antennata</i> Jac. (Chrysomelidae):					
<i>Selaginella</i> sp.....	do.....	---	---	1	Tex.
<i>Draculacephala clypeata</i> Osb. (Cicadellidae):					
<i>Copaifera hemitomophylla</i> ("cativo").....	Colombia.....	1	---	---	Ga.
<i>Drasterius bimaculatus</i> (Rossi) (Elateridae):					
<i>Prunus persica</i> (peach).....	Italy.....	---	1	---	N. Y.
<i>Dynatopachus calandrodus</i> Zimm. (Curculionidae):					
Flower arrangement.....	Hawaii.....	1	---	---	Hawaii.
<i>Leucaena glauca</i>	do.....	1	---	---	Hawaii.
<i>Dysdercus concinnus</i> Stal (Pyrrhocoridae):					
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1	---	---	Ariz.
<i>Dysdercus mimulus</i> Hussey (Pyrrhocoridae):					
Plant.....	do.....	---	---	1	Tex.
<i>Dysdercus obliquus</i> (Hsiao & Sailer) (Pyrrhocoridae)					
Roof of refrigerator car.....	do.....	---	1	---	Ariz.

Pests collected and reported from July 1, 1954, through June 30, 1955—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Dyspessa ulula</i> (Bkh.) (Cossidae):					
<i>Allium sativum</i> (garlic)	Italy	4			Mass., N. Y.
<i>Epichorista ionephela</i> (Meyrick) (Tortricidae):					
<i>Ornithogalum thyrsoides</i> (chinkerichee)	Union of South Africa	1			N. Y.
<i>Epidiaspis piricola</i> (del Guer.) (Coccidae):					
<i>Malus sylvestris</i> (apple)	Germany, Italy, unknown	7			Fla.*, N. Y.
<i>Epinotia aporema</i> (Wlsm.) (Olethreutidae):					
<i>Phaseolus vulgaris</i> var. (string bean)	Mexico, Peru	2	5		Ala., Tex.
<i>Ereumetis flavistriata</i> Wlsm. (Tineidae):					
<i>Cocos nucifera</i> (coconut)	Hawaii	7			Hawaii.
<i>Eriococcus araucariae</i> Mask. (Coccidae):					
<i>Araucaria</i> sp.	Unknown			1	Fla.
<i>Juniperus</i> sp.	do			1	Fla.
<i>Eriophyes canestrinii</i> Nal. (Eriophyidae):					
<i>Buxus sempervirens</i> (box)	Netherlands			3	N. J.
<i>Buxus</i> sp.	England			1	Mass.
<i>Eucalandra setulosa</i> (Gyll.) (Curculionidae):					
Bamboo	Trinidad	1			Ala.
<i>Eumerus tuberculatus</i> Rond. (Syrphidae):					
<i>Allium cepa</i> (onion)	Japan		1		N. Y.
<i>Eurydema oleraceum</i> (L.) (Pentatomidae):					
<i>Vitis</i> sp. (grape)	Austria	1			N. Y.
<i>Eurygaster integriceps</i> Puton (Pentatomidae):					
<i>Phalaris tuberosa</i> (canary grass)	Iraq			1	D. C.
<i>Eurytoma orchidearum</i> (Westw.) (Eurytomidae):					
<i>Cattleya</i> sp. (orchid)	Venezuela			2	Fla., N. J.
Orchid	Mexico			1	Tex.
<i>Euscepes postfasciatus</i> (Fairm.) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)	Brazil, Hawaii		7		La., Pa.
<i>Eutetranychus banksi</i> (McG.) (Tetranychidae):					
<i>Citrus</i> sp.	Mexico	1			Tex.
Sapote	do	1			Ariz.
<i>Everes comyntas</i> (Godart) (Lycaenidae):					
<i>Phaseolus vulgaris</i> var. (string bean)	do	1			Tex.
<i>Evergestia rimosalis</i> (Guen.) (Pyraustidae):					
<i>Brassica oleracea botrytis</i> (cauliflower)	do		1		Tex.
<i>Erptochiamera albomaculata</i> (Dist.) (Lygaeidae):					
Orchid	do			3	Tex.
<i>Erptochiamera confusa</i> Barber (Lygaeidae):					
<i>Anthurium</i> sp.	do			1	Tex.
<i>Dracaena</i> sp.	do			1	Tex.
Orchid	do			2	Tex.
Plant	do			1	Tex.
<i>Farinococcus guatemalensis</i> Ferris (Coccidae):					
<i>Epidendrum</i> sp. (orchid)	do			1	Fla.
Orchid	Guatemala, Mexico, Salvador.			3	Fla., N. J., Tex.
<i>Ferrisia virgata</i> (Ckll.) (Coccidae):					
<i>Dendrobium</i> sp. (orchid)	India			1	N. J.
<i>Philodendron</i> sp.	Nicaragua			1	Tex.
Plant—unidentified	Martinique, Philippines	1	1		Hawaii, Wash.
<i>Forficula decipiens</i> Gene (Forficulidae):					
<i>Cynara scolymus</i> (globe artichoke)	Italy		1		Pa.
<i>Frankliniella schultzei</i> (Tryb.) (Thripidae):					
<i>Dianthus</i> sp. (carnation)	Australia		1		Hawaii.
<i>Frauenfeldia jelinekii</i> (Frauenfeld) (Aleyrodidae):					
<i>Viburnum tinus</i> var	England			1	N. J.
<i>Fulvius brevicornis</i> Reuter (Miridae):					
<i>Eleocharis dulcis</i> (waternut)	China	1			Hawaii.
<i>Fundella pellucens</i> (Zell.) (Phycitidae):					
Seed pod	Jamaica	1			Fla.*
<i>Vigna sinensis</i> (cowpea)	Virgin Corda	1			St. Thomas & St. John.
<i>Furcaspis biformis</i> (Ckll.) (Coccidae):					
<i>Agave</i> sp.	Venezuela		1		Pa.
<i>Aloe</i> sp.	do		1		Pa.
<i>Brassavola</i> sp. (orchid)	Canal Zone			1	N. J.
<i>Cattleya</i> sp. (orchid)	Hawaii, Venezuela			2	Fla., N. J.
<i>Epidendrum atropurpureum</i> (orchid)	Canal Zone	1		5	Calif.*, Fla.
<i>Epidendrum</i> sp.	do			4	Fla., N. J.

Pests collected and reported from July 1, 1954, through June 30, 1955—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Furcaspis biformis</i> —Continued					
<i>Oncidium ampliatum</i> (orchid)	Canal Zone			2	Calif.*
<i>Oncidium isthmi</i>	do			1	Fla.
<i>Oncidium multiflorum</i>	Ceylon			1	N. J.
<i>Oncidium panamense</i>	Canal Zone			1	Fla.
<i>Oncidium</i> sp.	Canal Zone, Jamaica			4	Fla., N. J.
Orchid	Canal Zone, Costa Rica, Honduras, Jamaica, Panama, Venezuela.			25	Fla., Hawaii Tex.
<i>Galerucella xanthomelaena</i> (Shr.) (Chrysomelidae):					
<i>Ulmus</i> sp. (elm)	Canada	1			N. Y.
<i>Galgapha punctifer</i> McA. & Mall. (Pentatomidae):					
Orchid	Canal Zone, Guatemala			2	Fla.
<i>Gelechia ericetella</i> (Hbn.) (Gelechiidae):					
<i>Calluna vulgaris</i> (heather)	Scotland	2			Mass., N. Y.
<i>Genuchinus v-notatus</i> Westw. (Scarabaeidae):					
Orchid	Mexico			1	Tex.
<i>Geocoris flavilineus</i> Stal (Lygaeidae):					
Orchid	do			1	Tex.
<i>Glycyphagus domesticus</i> (Deg.) (Glycyphagidae):					
Bulb	Madeira Islands			2	Mass.
<i>Pyrus communis</i> (pear)	Austria	1			N. Y.
Soil with dahlia, gladiolus, and lily bulbs	Azores			1	Mass.
Soil with garlic	do			1	Mass.
<i>Solanum tuberosum</i> (potato)	Japan		1		La.
<i>Triticum aestivum</i> (wheat)	Azores	1			Mass.
<i>Gnorimoschema gudmanella</i> (Wlsm.) (Gelechiidae):					
<i>Capsicum frutescens</i> (pepper)	Mexico	4			Ariz.
<i>Gnorimoschema ocellatella</i> (Boyd) (Gelechiidae):					
<i>Beta vulgaris</i> (beet)	Canary Islands, Egypt, Israel.		3		Pa.
<i>Gnorimoschema plaesiosema</i> (Turner) (Gelechiidae):					
<i>Solanum</i> sp. (pepino)	Peru	1			N. Y.
<i>Gortyna flavago</i> (Schiff.) (Phalaenidae):					
<i>Cynara scolymus</i> (artichoke)	France		1		N. Y.
<i>Gracilaria azaleella</i> Brants (Gracilariidae):					
<i>Rhododendron obtusum</i>	Netherlands			1	N. J.
<i>Rhododendron</i> sp.	do			3	N. J.
<i>Grapholitha molesta</i> (Busek) (Olethreutidae):					
<i>Prunus persica</i> (peach)	Japan	1			Hawaii.
<i>Grapholitha packardii</i> Zell. (Olethreutidae):					
<i>Crataegus</i> sp. (thornapple)	Mexico	1			Tex.
<i>Gymnandrosoma aurantianum</i> Costa Lima (Olethreutidae):					
<i>Citrus sinensis</i> (orange)	Brazil		2		La., Pa.
<i>Gynaikothrips ficorum</i> (Marchal) (Phlaeothripidae):					
<i>Ficus retusa</i> (India laurel fig)	Cuba		1		Fla.*
<i>Haplothrips cottei</i> (Vuill.) (Phlaeothripidae):					
<i>Dianthus</i> sp. (carnation)	Greece	1			N. Y.
<i>Haplothrips gowdeyi</i> (Frankl.) (Phlaeothripidae):					
<i>Lilium</i> sp. (lily)	Bermuda	1			N. Y.
<i>Rosa</i> sp.	Haiti		1		Fla.*
<i>Hedyoteia indicata</i> (F.) (Pyraustidae):					
<i>Phaseolus</i> sp.	Cuba			1	Fla.*
<i>Heliothis subflexa</i> (Guen.) (Phalaenidae):					
<i>Physalis</i> sp. (husk tomato)	Mexico	2			Tex.
<i>Helix aspersa</i> (Muller) (Mollusca):					
<i>Brassica oleracea capitata</i> (cabbage)	Azores		1		Pa.
<i>Capsicum frutescens</i> (pepper)	Italy		1		N. Y.
<i>Cynara scolymus</i> (globe artichoke)	do		1		Pa.
Daisy	Mexico	1			Tex.
<i>Helix nemoralis</i> L. (Mollusca):					
Tractor	England	1			Calif.*
<i>Hemimene juliana</i> (Curt.) (Olethreutidae):					
<i>Castanea</i> sp. (chestnut)	Italy	2			N. Y.
<i>Heterobostrychus aequalis</i> (Waterh.) (Bostrichidae):					
Wood case	China, India	2			N. Y., Wash.
<i>Homalodisca centrolineata</i> (Sign.) (Cicadellidae):					
<i>Chamaedorea</i> sp.	Mexico	1			Tex.
<i>Pelargonium</i> sp. (geranium)	do			1	Tex.

Pests collected and reported from July 1, 1954, through June 30, 1955—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Homoeosoma electellum</i> (Hbst.) (Phycitidae):					
<i>Zinnia</i> sp.	Bermuda	1			N. Y.
<i>Hylemya floralis</i> (Fall.) (Muscidae):					
<i>Armoracia rusticana</i> (horseradish)	Sweden	1			Pa.
<i>Hypera brunneipennis</i> (Boh.) (Curculionidae):					
<i>Allium sativum</i> (garlic)	Egypt	1			N. Y.
<i>Gossypium</i> sp. (cotton)	Mexico	1			Calif.
<i>Icerya aegyptiaca</i> Dougl. (?) (Coccidae):					
Orchid	do			1	Tex.
<i>Iridomyrmex glaber</i> (Mayr) (Formicidae):					
Orchid	Australia	1			Hawaii.
<i>Iridomyrmex humilis</i> Mayr (Formicidae):					
Airplane	Central America		1		La.
<i>Ficus carica</i> (fig)	Italy	1			Mass.
Flowers	Bermuda	1			N. Y.
<i>Nerium oleander</i> (oleander)	do	1			N. Y.
<i>Ornithogalum thyrsoides</i> (chinkerlicheo)	Union of South Africa	1			N. Y.
<i>Protea</i> sp.	do	1			N. Y.
<i>Prunus armeniaca</i> (apricot)	do	1			N. Y.
<i>Rosa</i> sp. (rose)	Bermuda	1			N. Y.
<i>Vitis</i> sp. (grape)	Union of South Africa	1			N. Y.
Wood cutting	Italy			1	N. Y.
<i>Iridomyrmex iniquus</i> Mayr (Formicidae):					
<i>Calliella mossiae</i> (orchid)	Venezuela			1	N. J.
<i>Isorhinus undatus</i> Champ. (Curculionidae):					
Orchid	Mexico			1	Tex.
Succulent plant	do			1	Ariz.
<i>Tillandsia</i> sp.	do			1	Tex.
<i>Kaloterms flavicollis</i> (F.) (Kalotermitidae):					
<i>Cydonia oblonga</i> (quince)	Italy	1			N. Y.
<i>Kaloterms snyderi</i> Light (Kalotermitidae):					
<i>Cedrus</i> sp. (cedar)	Bermuda	1			N. Y.
<i>Lamellaris gracilis</i> (Hutton) (Mollusca):					
Orchid	Cuba			1	Fla.
<i>Lampetia equestris</i> (F.) (Syrphidae):					
<i>Narcissus</i> sp.	England, France, Germany, Italy, Netherlands, Northern Ireland.			13	Ill., N. J., N. Y.
<i>Lampides boeticus</i> (L.) (Lycaenidae):					
<i>Canavalia</i> sp. (mauna loa)	Hawaii	13			Calif.,* Hawaii.
<i>Pisum sativum</i> (pea)	Spain		1		Pa.
<i>Laspeyresia splendana</i> (Hbn.) (Olethreutidae):					
<i>Castanea</i> sp. (chestnut)	England, Italy, Japan, Portugal, Spain, Yugoslavia.	58			Calif.,* Minn., N. Y., Pa., P. R.
<i>Olea europaea</i> (olive)	Italy	1			N. Y.
<i>Laspeyresia strobilella</i> (L.) (Olethreutidae):					
<i>Picea abies</i> (Norway spruce)	Germany, Norway	1		1	N. Y.
<i>Picea</i> sp. (spruce)	Germany	2		1	N. J., N. Y.
<i>Lecanium corni</i> Bouche (Coccidae):					
<i>Tilia americana</i> (American linden)	Netherlands			1	N. J.
<i>Lecanium coryli</i> (L.) (Coccidae):					
<i>Ficus</i> sp.	do			1	Mass.
<i>Rhododendron</i> sp.	Scotland	1			Va.
<i>Lecanium fletcheri</i> Ckll. (Coccidae):					
<i>Juniperus</i> sp.	Canada			1	N. J.
<i>Lepidosaphes esakii</i> Tak. (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Eniwetok, Guam, Kwajalein.	1		2	Hawaii.
<i>Lepidosaphes pallida</i> Green (Coccidae):					
<i>Juniperus</i> sp.	Japan			2	Calif.,* Wash.
<i>Lepidosaphes philococcus</i> (Ckll.) (Coccidae):					
Cactus	Mexico			3	Ariz., Tex.
<i>Lepidosaphes tokionis</i> (Kuw.) (Coccidae):					
<i>Codiaeum</i> sp. (croton)	Hawaii, Panama, Trinidad.	16		8	Ala., Hawaii, N. Y.

Pests collected and reported from July 1, 1954, through June 30, 1955—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Lepidosaphes tuberculata</i> Mal. (Coccidae):					
<i>Cymbidium ensifolium</i> (orchid).....	Japan.....	-----	-----	1	Calif.*
<i>Cymbidium</i> sp.....	Australia, Japan.....	-----	-----	5	Calif.*
<i>Leptoglossus chilensis</i> (Spinola) (Coreidae):					
<i>Vitis</i> sp. (grape).....	Chile.....	6	-----	-----	N. Y.
<i>Leucaspis cockerelli</i> (de Charm.) (Coccidae):					
<i>Aspasia epidendroides</i> (orchid).....	Canal Zone.....	-----	-----	1	Calif.*
<i>Aspasia principissa</i>	do.....	-----	-----	1	Hawaii.
<i>Brassia</i> sp. (orchid).....	do.....	-----	-----	1	Fla.
<i>Citrus paradisi</i> (grapefruit).....	Colombia.....	1	-----	-----	Fla.*
<i>Citrus sinensis</i> (orange).....	Aruba, Canal Zone, Nicaragua, Trinidad.	-----	6	-----	Calif.,* Fla.*
<i>Leucaspis loewi</i> Colvee (Coccidae):					
<i>Pinus</i> sp. (pine).....	Germany, Italy.....	-----	-----	2	N. Y.
<i>Leucaspis pusilla</i> Loew (Coccidae):					
<i>Pinus</i> sp. (pine).....	Canary Islands.....	-----	-----	1	N. J.
<i>Leucinodes orbonalis</i> Guen. (Pyraustidae):					
<i>Solanum melongena</i> (eggplant).....	Gold Coast, Thailand.....	1	1	-----	Hawaii, Md.
<i>Solanum</i> sp.....	Liberia.....	1	-----	-----	Mich.
<i>Leucoptera coffeella</i> G.-M. (Lyonetidae):					
<i>Coffea</i> sp. (coffee).....	Mexico.....	1	-----	-----	Tex.
<i>Ligyrocoris abdominalis</i> (G.-M.) (Lygaeidae):					
Bromeliad.....	Honduras.....	-----	-----	1	Fla.
<i>Zantedeschia aethiopica</i> (calla lily).....	Mexico.....	1	-----	-----	Tex.
<i>Ligyrocoris aurivilliana</i> (Dist.) (Lygaeidae):					
Cycad.....	do.....	-----	-----	1	Tex.
<i>Limax marginatus</i> Muller (Mollusca):					
<i>Anthurium</i> sp.....	Costa Rica.....	-----	-----	1	Fla.
<i>Brassica oleracea capitata</i> (cabbage).....	Azores, Germany.....	-----	2	-----	Pa.
Orchid.....	Costa Rica, Guatemala.....	-----	-----	2	Fla.
Plants—assorted.....	Portugal.....	-----	-----	1	Mass.
Soil.....	do.....	-----	-----	1	Mass.
<i>Limax marginatus</i> Muller (?) (Mollusca):					
<i>Asparagus</i> sp.....	Japan.....	-----	-----	1	Hawaii.
<i>Limax maximus</i> (L.) (Mollusca):					
<i>Brassica oleracea capitata</i> (cabbage).....	Norway.....	-----	1	-----	Pa.
Plant.....	England.....	-----	-----	1	N. Y.
<i>Lixus junci</i> Boh. (Curculionidae):					
<i>Beta vulgaris</i> (beet).....	Italy.....	-----	-----	1	Pa.
<i>Lyctus africanus</i> Lesne (Lyctidae):					
Canes—unidentified.....	Unknown.....	1	-----	-----	N. J.
<i>Lyctus brunneus</i> (Steph.) (Lyctidae):					
Wood crate.....	China.....	1	-----	-----	Wash.
Wrapping.....	Hawaii.....	1	-----	-----	Hawaii.
<i>Lygaeus pulchellus</i> F. (Lygaeidae):					
<i>Cocos nucifera</i> (copra).....	Philippines.....	1	-----	-----	La.
<i>Lygaeus uhleri</i> Stal (Lygaeidae):					
<i>Citrus aurantifolia</i> (sour lime).....	Mexico.....	1	-----	-----	Ariz.
<i>Lygus lineolaris</i> (P. de B.) (Miridae):					
<i>Chrysanthemum</i> sp.....	do.....	1	-----	-----	Ariz.
<i>Mamurius mopsus</i> Stal (Coreidae):					
Orchid.....	do.....	-----	-----	3	Tex.
<i>Maruca testulalis</i> (Geyer) (Pyraustidae):					
<i>Cajanus cajan</i> (pigeonpea).....	Puerto Rico.....	1	-----	-----	Md.
<i>Canavalia microcarpa</i>	Hawaii.....	1	-----	-----	Hawaii.
<i>Canavalia</i> sp.....	do.....	10	-----	-----	Calif.*, Hawaii.
<i>Phaseolus vulgaris</i> var. (string bean).....	Brazil, Hawaii, Jamaica, Japan, Trinidad.	-----	5	-----	Ala., Calif.*, Fla.* , Tex.
<i>Mauria subnotatus</i> (Boh.) (Anthribidae):					
<i>Cocos nucifera</i> (coconut).....	Hawaii.....	1	-----	-----	Hawaii.
<i>Megacerus alternatus</i> Bridw. (Bruchidae):					
<i>Ipomoea pes-caprae</i>	do.....	1	-----	-----	Hawaii.
<i>Megalocysta gibbifera</i> (Picada) (Tingidae):					
Bromeliaceae.....	Canal Zone.....	-----	-----	1	Calif.*
<i>Megalometis chiliensis</i> Boh. (Curculionidae):					
<i>Prunus domestica</i> (plum).....	Chile.....	1	-----	-----	N. Y.
<i>Prunus persica</i> (peach).....	do.....	1	-----	-----	N. Y.
<i>Melipotis famelica</i> (Guen.) (Phalaenidae):					
Ship's quarters.....	Bahamas.....	-----	1	-----	Fla.*

Pests collected and reported from July 1, 1954, through June 30, 1955—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Metamasius sericeus</i> (Oliv.) (Curculionidae):					
<i>Ananas comosus</i> (pineapple)	Honduras	1			La.
<i>Musa paradisica sapientum</i> (banana)	Ecuador, Guatemala, Mexico, Chile	50			La., N. Y., S. C., Tex.
<i>Vitis</i> sp. (grape)		1			N. Y.
<i>Micrapate labialis</i> Lesne (Bostrichidae):					
<i>Lonchocarpus</i> sp. (cuberoot)	Brazil	1			N. Y.
Wood crate	Mexico	1			Ill.
<i>Microcerotermes exiduus</i> (Hagen) (Termitidae):					
<i>Rauwolfia</i> sp.	Colombia	1			N. Y.
<i>Microtheca ochroloma</i> Stal (Chrysomelidae):					
<i>Cattleya</i> sp. (orchid)	Brazil			1	N. J.
<i>Mimosestes sallaei</i> (Sharp) (Bruchidae):					
Airplane	Hawaii		1		Hawaii.
<i>Minthea rugicollis</i> (Wlk.) (Lyctidae):					
Bamboo	India	1			Ala.
Malvaceae	Asia	1			Ill.
<i>Mniotripa lichenigera</i> (Hampson) (Phalaenidae):					
Airplane	Kwajalein		1		Hawaii.
<i>Monanthia monotropidia</i> Stal (Tingidae):					
With orchid and bromeliad plants	Mexico			1	Ariz.
<i>Tillandsia</i> sp.	do.			3	Tex.
<i>Monomorium destructor</i> (Jerd.) (Formicidae):					
<i>Bryophyllum</i> sp.	Jamaica			1	Mass.
<i>Litchi chinensis</i> (lychee)	India			1	N. J.
Orchid	Thailand			1	Hawaii.
<i>Pleurothallis</i> sp. (orchid)	Trinidad			1	Hawaii.
<i>Monosteira unicastata</i> Mulsant & Rey (Tingidae):					
<i>Punica granatum</i> (pomegranate)	Italy	1			N. Y.
<i>Morganella longispina</i> (Morg.) (Coccidae):					
<i>Citrus decumana</i>	Tahiti			1	D. C.
<i>Citrus paradisi</i> (grapefruit)	British Guiana		1		Mich.
<i>Mormidea collaris</i> Dallas (Pentatomidae):					
Orchid	Mexico			1	Calif.*
<i>Myochrous carinatus</i> Jac. (Chrysomelidae):					
<i>Anthurium</i> sp.	do.			1	Tex.
<i>Myodocha longicollis</i> Stal (Lygaeidae):					
Orchid	do.			1	Tex.
<i>Napomyza lateralis</i> (Fall.) (Agromyzidae):					
<i>Cichorium endivia</i> (endive)	Belgium	2			N. Y.
<i>Nasutitermes corniger</i> (Motsch.) (Termitidae):					
<i>Oncidium ampliatum</i> (orchid)	Canal Zone			1	Calif.*
Orchid	do.			1	Calif.*
<i>Naupactus xanthographus</i> Germ. (Curculionidae):					
<i>Vitis vinifera</i> (European grape)	Chile	1			N. Y.
<i>Vitis</i> sp. (grape)	do.	2			N. Y., Pa.
<i>Nemapogon granella</i> (L.) (Tineidae):					
<i>Agaricus campestris</i> (mushroom)	Italy	1			N. Y.
<i>Neoleucinodes elegantalis</i> (Guen.) (Pyraustidae):					
<i>Lycopersicon esculentum</i> (tomato)	Brazil, Mexico	3	1		N. Y., Tex.
<i>Solanum melongena</i> (eggplant)	Brazil		1		La.
<i>Neoleucon rubrotylus</i> Carvalho (Miridae):					
<i>Philodendron</i> sp.	Mexico			2	Tex.
<i>Neolobophora lugubris</i> (Dohrn) (Forficulidae):					
Orchid	do.			1	Calif.*
<i>Neolobophora ruficeps</i> (Burm.) (Forficulidae):					
Orchid	do.			4	Ariz. Calif.,* Tex.
<i>Neoscatella sermotata</i> (Cresson) (Ephydriidae):					
Airplane	Hawaii		1		Hawaii.
<i>Neosteingelia texana</i> Morr. (Coccidae):					
Soil with orchids	Mexico			1	Ariz.
<i>Nephotettix apicalis</i> (Motsch.) (Cicadellidae):					
Airplane	Japan, Philippines, unknown.			6	Hawaii.
<i>Nesoteles incisus</i> (Mats.) (Cicadellidae):					
Airplane	Japan		1		Hawaii.
<i>Neuroctenus litigiosus</i> Stal (Aradidae):					
Orchid	Mexico			1	Tex.

Pests collected and reported from July 1, 1954, through June 30, 1955—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Nezara heegeri</i> Puton (Pentatomidae):					
With apples and pomegranates	Italy	1			N. Y.
<i>Nezara viridula</i> (L.) (Pentatomidae):					
<i>Allium cepa</i> (onion)	Chile	1			N. Y.
<i>Chrysanthemum</i> sp.	Australia	1			Hawaii.
<i>Verbena rigida</i>	Bermuda	1			N. Y.
<i>Vitis</i> sp. (grape)	Chile	1			N. Y.
<i>Nodonota tristis</i> (Oliv.) (Chrysomelidae):					
<i>Vitis</i> sp. (grape)	Chile (?)	1			Tex.
<i>Noella floridula</i> (Dist.) (Miridae):					
<i>Dieffenbachia</i> sp.	Mexico		1		Tex.
<i>Nomophila noctuella</i> (D. & S.) (Pyraustidae):					
Airplane	Hawaii		1		Hawaii.
<i>Nymphula fluctuosalis</i> Zell. (Pyraustidae):					
Airplane	Philippines		1		Hawaii.
<i>Nysius californicus</i> Stal (Lygaeidae):					
Airplane	Colombia		1		Tex.
<i>Nysius clevelandensis</i> Evans (Lygaeidae):					
<i>Lactuca sativa</i> (lettuce)	Australia		1		Hawaii.
<i>Nysius dallasi</i> White (Lygaeidae):					
Airplane	Hawaii, Japan		2		Hawaii.
<i>Nysius raphanus</i> Howard (Lygaeidae):					
Airplane	Mexico		1		Tex.
<i>Brassica</i> sp. (mustard)	do	1			Tex.
<i>Ochterus perbosci</i> (G.-M.) (Ochteridae):					
<i>Copafiera hemitomophyla</i> ("cattivo")	Colombia	1			Ga.
<i>Odonaspis ruthae</i> Kot. (Coccidae):					
<i>Cattleya</i> sp. (orchid)	Canal Zone			1	Fla.
<i>Cynodon</i> sp.	Union of South Africa			1	D. C.
<i>Odonaspis secreta</i> (Ckll.) (Coccidae):					
<i>Bambusa</i> sp.	Japan		1		Calif.*
<i>Odontoloxozus longicornis</i> (Coq.) (Neriidae):					
Airplane	Mexico		1		Tex.
<i>Oedancala bimaculata</i> (Dist.) (Lygaeidae):					
Orchid	do			1	Tex.
<i>Oedotings mexicanus</i> Drake (Tingidae):					
Orchid	do			1	Calif.*
<i>Olethreutes leucotreta</i> Meyr. (Olethreutidae):					
<i>Citrus paradisi</i> (grapefruit)	Angola	1			N. Y.
<i>Citrus sinensis</i> (orange)	Belgian Congo	1			Md.
<i>Olethreutes leucotreta</i> Meyr. (?) (Olethreutidae):					
<i>Capsicum frutescens grossum</i> (bell pepper)	Belgian Congo	1			Pa.
<i>Citrus sinensis</i> (orange)	Union of South Africa	1			Mich.
<i>Oligonychus peruvianus</i> (McG.) (Tetranychidae):					
<i>Trifolium</i> sp. (clover)	Guatemala	1			Tex.
<i>Omphisa anastomosalis</i> (Guen.) (Pyraustidae):					
<i>Ipomoea batatas</i> (sweetpotato)	Hawaii, India	1	1		Hawaii, Mass.
<i>Onthophagus incensus</i> Say (Scarabaeidae):					
Airplane	Hawaii		1		Hawaii.
<i>Opomus rutilus</i> Dallas (Pentatomidae):					
Orchid	Mexico			1	Calif.*
<i>Opogona purpuritella</i> Sw. (Lyonetiidae):					
<i>Cordylone terminatis</i> (ti)	Hawaii	1			Hawaii.
<i>Opshomala vitreipennis</i> (Marsch.) (Acrididae):					
Airplane	Unknown		1		N. Y.
<i>Opius stactogalus</i> Fieber (Cicadellidae):					
Airplane	Mexico		1		Tex.
<i>Orchidophilus aterrimus</i> Waterh. (Curculionidae):					
Orchid	Hawaii	1			Hawaii.
Vanda "Miss Joaquin" (orchid)	do	1			Hawaii.
Vanda sp.	do	4			Hawaii.
<i>Orsillus depressus</i> (Muls. & Rey) (Lygaeidae):					
<i>Cupressus</i> sp.	Greece			1	N. Y.
<i>Orthezia pseudinsignis</i> Morr. (Coccidae):					
<i>Gardenia augusta</i> (gardenia)	Mexico	1			Ill.
<i>Ortholomus jamaicensis</i> (Dallas) (?) (Lygaeidae):					
<i>Crotalaria</i> sp.	Guatemala			1	Tex.
<i>Orthotylus ericetorum</i> (Fall.) (Miridae):					
<i>Calluna vulgaris</i> (heather)	Scotland	2			Ill., N. Y.

Pests collected and reported from July 1, 1954, through June 30, 1955—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Oscinella dampfi</i> Ald. (Chloropidae):					
<i>Gnidiolus</i> sp.	Mexico	1			Tex.
<i>Ozycaenus bicolor</i> Fieber (Lygaeidae):					
<i>Cymbidium</i> sp. (orchid)	Australia	1			Hawaii.
<i>Ozycaenus hyalinipennis</i> (Costa) (Lygaeidae):					
<i>Gossypium</i> sp. (cotton; boll)	Israel	1			N. Y.
<i>Hibiscus cannabinus</i>	Afghanistan			1	D. C.
<i>Orydema fusiforme</i> Woll. (Curculionidae):					
<i>Cocos nucifera</i> (coconut)	Hawaii	1			Hawaii.
<i>Saccharum officinarum</i> (sugarcane)	do.	1			Hawaii.
<i>Vanda</i> sp. (orchid)	do.	1			Hawaii.
Wrapping of parcel	do.	4			Hawaii.
<i>Orydema longulus</i> (Boh.) (Curculionidae):					
<i>Cordylone terminalis</i> (ti)	do.	2		1	Hawaii.
<i>Ozygryllus ruginatus</i> (Lec.) (Scarabaeidae):					
<i>Citrus aurantifolia</i> (lime)	Mexico	1			Tex.
<i>Czophora consanguineus</i> (Dist.) (Lygaeidae):					
Orchid	do.			2	Ariz., Tex.
<i>Pachodynerus nasidens</i> (Latr.) (Vespidae):					
Airplane	Guam, Hawaii		2		Hawaii, Tex.
<i>Pachydrachius nigriceps</i> (Dallas) (Lygaeidae):					
Airplane	Kwajalein, South Pacific		2		Hawaii.
<i>Pachyzancla pertusalis</i> (Wik.) (Pyraustidae):					
<i>Solanum nigrum</i> (black nightshade)	Puerto Rico	1			Ill.
<i>Palaeopus costicollis</i> Mshll. (Curculionidae):					
<i>Zingiber officinale</i> (ginger)	Jamaica	1			D. C.
<i>Pangaeus piceatus</i> Stal (Pentatomidae):					
Orchid	Mexico			1	Tex.
<i>Pangaeus rugifrons</i> Sign. (Pentatomidae):					
<i>Ananas comosus</i> (pineapple)	do.	1			Tex.
<i>Pantomorus godmani</i> (Crotch) (Curculionidae):					
Baggage	Hawaii	1			Hawaii.
<i>Bougainvillea</i> sp.	do.	1			Hawaii.
<i>Cordylone terminalis</i> (ti)	do.	1		1	Hawaii.
Flowers	do.	1			Hawaii.
<i>Prunus persica</i> (peach)	Chile, Union of South Africa	2			N. Y.
<i>Vanda</i> sp. (orchid)	Hawaii	1			Hawaii.
<i>Vitis</i> sp. (grape)	Chile	2			N. Y.
Wrapping	Hawaii	1			Hawaii.
<i>Paragonatus divergens</i> (Dist.) (Lygaeidae):					
<i>Philodendron</i> sp.	Mexico			1	Tex.
<i>Paratetranychus pratensis</i> (Banks) (Tetranychidae):					
<i>Dinochloa</i> spp.	China	1			Hawaii.
<i>Paratrioza cockerelli</i> (Sulc.) (Psyllidae):					
Airplane	Mexico		1		Tex.
<i>Parlatoria camelliae</i> Comst. (Coccidae):					
<i>Camellia japonica</i> (camellia)	Japan			2	Calif., N. J.
<i>Parlatoria cinerea</i> Hadden (Coccidae):					
<i>Citrus aurantifolia</i> (lime)	Cuba	1			Fla.*
<i>Citrus aurantifolia</i> (sour lime)	Argentina		1		Calif.*
<i>Citrus reticulata</i> (Mandarin orange)	Mexico		1		Calif.*
<i>Citrus sinensis</i> (orange)	Argentina, Brazil, Mexico, Peru, Trinidad, Union of South Africa		11		Calif.* Fla., Pa.
<i>Parlatoria crotonis</i> Dougl. (Coccidae):					
<i>Codiaeum</i> sp. (croton)	Hawaii	1			Hawaii.
<i>Parlatoria crypta</i> McKenzie (Coccidae):					
<i>Grewia asiatica</i> (phalsa)	Pakistan			1	D. C.
<i>Mangifera indica</i> (mango)	do.			1	D. C.
<i>Parlatoria oleae</i> (Colvee) (Coccidae):					
<i>Diospyros</i> sp. (persimmon)	Italy		1		Pa.
<i>Malus sylvestris</i> (apple)	Canada, Italy	3			N. Y.
<i>Mespilus germanica</i> (medlar)	Italy	1			N. Y.
<i>Prunus amygdalus</i> (almond)	Greece			1	D. C.
<i>Pyrus communis</i> (pear)	Algeria		1		N. Y.
<i>Sorbus</i> sp.	Italy	1			N. Y.
<i>Parlatoria proteus</i> (Curt.) (Coccidae):					
<i>Renanthera</i> sp. (orchid)	Thailand			1	N. J.

Pests collected and reported from July 1, 1954, through June 30, 1955—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Parlatoria pseudaspidiotus</i> Ldgr. (Coccidae):					
<i>Vanda batemani</i> (orchid).....	Thailand.....	---	---	1	N. J.
<i>Vanda</i> sp.....	Canal Zone, Ceylon, Hawaii, Thailand.	---	---	6	Calif.*, Fla., Hawaii.
<i>Parlatoria theae</i> Ckll. (Coccidae):					
<i>Acer</i> sp. (maple).....	Japan.....	---	---	2	Calif.*, Wash.
<i>Prunus</i> sp. (flowering cherry).....	do.....	---	---	1	Calif.*
<i>Prunus</i> sp.....	do.....	---	1	1	Calif.*
<i>Parlatoria zizyphus</i> (Lucas) (Coccidae):					
<i>Citrus aurantifolia</i> (lime).....	Philippines.....	1	---	---	Hawaii.
<i>Citrus aurantifolia</i> (sour lime).....	Nigeria.....	---	1	---	Pa.
<i>Citrus limon</i> (lemon).....	France (?), Italy, Spain, unknown.	---	4	---	Calif.*, Ill., Mass.
<i>Citrus paradisi</i> (grapefruit).....	British Guiana.....	---	1	---	Mich.
<i>Citrus reticulata</i> (Mandarin orange).....	Japan.....	1	---	---	Hawaii.
<i>Citrus sinensis</i> (orange).....	Spain.....	---	1	---	Calif.*
<i>Citrus</i> sp. (orange).....	Formosa.....	1	---	---	Hawaii.
<i>Citrus</i> sp.....	Haiti.....	1	---	---	Fla.*
<i>Paromius longulus</i> (Dallas) (Lygaeidae):					
Orchid.....	Mexico.....	---	---	3	Tex.
<i>Passalococcus luzonensis</i> Roh. (Sphecidae):					
Airplane.....	Hawaii.....	---	1	---	Hawaii.
<i>Pealius hibisci</i> (Kot.) (Aleyrodidae):					
<i>Gardenia</i> sp.....	do.....	1	---	---	Calif.*
<i>Hibiscus</i> sp.....	do.....	---	---	1	Hawaii.
<i>Pectinophora gossypiella</i> (Saund.) (Gelechiidae):					
<i>Gossypium</i> sp. (cotton; boll).....	Hawaii, Mexico.....	1	1	---	Hawaii, Tex.
<i>Gossypium</i> sp. (cotton; lock).....	Mexico.....	1	---	---	Tex.
<i>Gossypium</i> sp. (cottonseed).....	Brazil, Jamaica, Japan, Mexico, Trinidad.	12	---	1	D. C., La., Mass., N. Y., Tex.
<i>Gossypium</i> sp. (seed cotton).....	Mexico.....	21	2	---	Tex.
<i>Pentacora signoretti</i> (G.-M.) (Saldidae):					
Airplane.....	do.....	---	1	---	Hawaii.
<i>Pentalonia nigronervosa</i> Coq. (Aphidae):					
<i>Alpinia</i> sp. (red ginger).....	Hawaii.....	1	---	---	Hawaii.
<i>Caladium</i> sp.....	Mexico.....	---	---	1	Calif.*
<i>Calathea insignis</i>	Costa Rica.....	---	---	1	Hawaii.
<i>Musacea</i> sp.....	Panama.....	---	---	1	La.
Soil with banana rhizomes.....	Bermuda.....	---	---	1	N. Y.
<i>Peridroma margaritosa</i> (Haw.) (Phalaenidae):					
<i>Amaryllis</i> sp.....	do.....	1	---	---	N. Y.
<i>Apium graveolens</i> (celery).....	Spain.....	---	1	---	Tex.
<i>Chrysanthemum</i> sp.....	Mexico.....	1	---	---	Tex.
<i>Lactuca sativa</i> (lettuce).....	do.....	---	1	---	Tex.
Succulent—unknown.....	do.....	---	---	1	Tex.
<i>Periphyllus californiensis</i> (Shinji) (Aphidae):					
<i>Acer palmatum</i> (Japanese maple).....	Netherlands.....	---	---	1	N. J.
<i>Acer palmatum</i> var.....	do.....	---	---	1	N. J.
<i>Acer</i> sp. (maple).....	England.....	---	1	---	Mass.
<i>Peritrechus sylvestris</i> (F.) (Lygaeidae):					
Soil with roots of various plants.....	Sweden.....	---	---	1	Ill.
<i>Perkinsiella saccharicida</i> Kirk. (Delphacidae):					
Airplane.....	Eniwetok (?), Hawaii.....	---	6	---	Hawaii.
<i>Perkinsiella vitiensis</i> Kirk. (Delphacidae):					
Airplane.....	Fiji.....	---	2	---	Hawaii.
<i>Phalonia zephyrana</i> (Treit.) (Phaloniidae):					
<i>Daucus carota</i> (carrot).....	Germany, Italy.....	---	3	---	Md., Tex.
<i>Pheidole megacephala</i> (F.) (Formicidae):					
<i>Eubophyllum</i> sp.....	New Guinea.....	---	---	1	Hawaii.
<i>Caryota</i> sp.....	Cuba.....	---	---	1	N. J.
<i>Lanatum</i> sp.....	Philippines.....	1	---	---	Hawaii.
Orchid.....	Canal Zone, Honduras.....	---	---	4	Fla., Hawaii.
Soil with banana rhizomes.....	Bermuda.....	---	---	1	N. Y.
Soil on root of unknown plant.....	do.....	---	1	---	Va.
<i>Stenotaphrum secundatum</i> (St. Augustine grass).....	do.....	---	---	2	Ala.
<i>Phelomerus aberrans</i> (Sharp) (Bruchidae):					
<i>Cassia grandis</i> (pink-shower).....	Costa Rica.....	1	---	---	La.
<i>Phelypera distigma</i> Boh. (Curculionidae):					
Orchid.....	Mexico.....	---	---	1	Calif.*

Pests collected and reported from July 1, 1954, through June 30, 1955—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Phenacaspis aucubae</i> (Cooley) (Coccidae):					
<i>Aucuba</i> sp.	Japan		1		Ga.
<i>Phenacaspis pinifoliae</i> (Fitch) (?) (Coccidae):					
<i>Pinus sylvestris</i> (Scotch pine)	Canada	1			N. Y.
<i>Phenacaspis sandwicensis</i> Full. (Coccidae):					
<i>Bryophyllum</i> sp.	Hawaii			2	Hawaii.
<i>Cocos nucifera</i> (coconut)	do.	4			Hawaii.
<i>Strelitzia reginae</i> (bird-of-paradise-flower)	do.			1	Hawaii.
<i>Phenacoccus gossypii</i> (Townsend & Ckll.) (Coccidae):					
<i>Acalypha</i> sp. (copperleaf)	Mexico			1	Tex.
<i>Codiaeum</i> sp. (croton)	Bahamas, Bermuda	1		1	Fla.,* N. Y.
<i>Phenacoccus solenopsis</i> Tinsl. (Coccidae):					
Herb.	Mexico	1			Tex.
<i>Phenacoccus stelli</i> (Brain) (Coccidae):					
<i>Protea</i> sp.	Union of South Africa	1			N. Y.
<i>Philaenus leucophthalmus</i> (L.) (Cercopidae):					
<i>Lactuca sativa</i> (lettuce)	Canada			1	N. Y.
<i>Lilium</i> sp. (lily)	do.			1	N. Y.
<i>Phlegyas annuliferus</i> Stal (Lygaeidae):					
Orchid and bromeliad plants	Mexico			1	Ariz.
<i>Phloeotribus scarabaeoides</i> (Bern.) (Scolytidae):					
<i>Oleo europaea</i> (olive)	Italy			1	N. Y.
<i>Phytinus callosus</i> Boh. (Curculionidae):					
<i>Vitis vinifera</i> (European grape)	Union of South Africa	3			N. Y.
<i>Vitis</i> sp. (grape)	do.	9			N. Y.
<i>Phyllethrus subsulcata</i> Horn (Chrysomelidae):					
<i>Zea mays</i> (corn)	Mexico	1			Ariz.
<i>Phyllophaga congrua</i> (Lec.) (Scarabaeidae):					
Airplane	Central America			1	La.
<i>Phyllotreta aeneicollis</i> (Cr.) (Chrysomelidae):					
Airplane	Mexico			1	Tex.
<i>Brassica</i> sp.	Cuba			1	Tex.
<i>Phytomyza atricornis</i> Meig. (?) (Agromyzidae):					
<i>Chrysanthemum</i> sp.	England			1	N. Y.
<i>Mentha</i> sp. (mint)	Portugal			1	Mass.
<i>Phytomyza rufipes</i> Meig. (Agromyzidae):					
<i>Brassica oleracea botrytis</i> (cauliflower)	England, France, Germany, Netherlands, Sweden	25			Ala., N. Y., Pa., Tex.
<i>Brassica oleracea capitata</i> (cabbage)	Belgium, England, Netherlands	10			Pa., Tex.
<i>Cichorium endivia</i> (endive)	Belgium	7			N. Y.
<i>Daucus carota</i> (carrot)	Netherlands	1			Ala.
<i>Lactuca sativa</i> (lettuce)	England, Germany			2	D. C., Pa.
<i>Pieris brassicae</i> (L.) (Pieridae):					
<i>Brassica oleracea capitata</i> (cabbage)	Italy			1	N. Y.
<i>Pinnaspis buxi</i> (Bouche) (Coccidae):					
<i>Anthurium antrophyoides</i>	Colombia			1	N. J.
<i>Anthurium</i> sp.	Hawaii			1	Hawaii.
<i>Cordylone terminalis</i> (til)	do.	1		2	Hawaii.
<i>Cordylone</i> sp.	do.	2		1	Hawaii.
<i>Dracaena</i> sp.	Trinidad	1			Fla.
<i>Monstera pertusa</i>	England			1	N. J.
<i>Monstera</i> sp.	Hawaii	2			Hawaii.
Palm	Cuba			1	Mass.
<i>Philodendron</i> sp.	Hawaii			1	Hawaii.
<i>Scindapsus</i> sp.	do.	1			Hawaii.
<i>Strelitzia</i> sp.	do.	1			Hawaii.
<i>Pinnaspis pateroni</i> Green & Laing (tentative) (Coccidae):					
<i>Rauwolfia vomitoria</i>	Belgian Congo			1	D. C.
<i>Pinnaspis theae</i> (Green) (?) (Coccidae):					
<i>Piper nigrum</i> (black pepper)	Indonesia			1	D. C.
<i>Plagiodera semivittata</i> Stal (Chrysomelidae):					
Orchid	Mexico			5	Calif.,* Tex.
<i>Platycarenum humilis</i> (Hsiao & Sailer) (Pentatomidae):					
Orchid	do.			1	Tex.
<i>Persea americana</i> (avocado)	do.			1	Tex.

Pests collected and reported from July 1, 1954, through June 30, 1955—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Platynota rostrana</i> (Wlk.) (Tortricidae):					
<i>Ananas comosus</i> (pineapple).....	Dominican Republic.....			1	P. R.
<i>Solanum melongena</i> (eggplant).....	Cuba.....	1			Fla.*
<i>Platynota rostrana</i> (Wlk.) (?) (Tortricidae):					
<i>Ananas comosus</i> (pineapple).....	do.....	1			Fla.*
<i>Epidendrum atropurpureum</i> (orchid).....	Canal Zone.....			1	Fla.
<i>Plusia chalcites</i> (Esp.) (Phalaenidae):					
Airplane.....	Hawaii.....		1		Hawaii.
<i>Plusia chalcites</i> (Esp.) (?) (Phalaenidae):					
<i>Anthurium</i> sp.....	do.....			1	Hawaii.
<i>Vanda</i> sp. (orchid).....	do.....	2			Hawaii.
" <i>Poliaspis</i> " <i>pini</i> Mask. (Coccidae):					
<i>Pinus</i> sp. (pine).....	Japan, Mexico.....		1	2	Calif.,* Pa., Wash.
<i>Polychrosis botrana</i> (Schiff.) (Olethreutidae):					
<i>Vitis</i> sp. (grape).....	France, Italy.....	2	2		Mass., N. Y.
<i>Portheiria mathura</i> Moore (?) (Lymantriidae):					
<i>Pinus</i> sp. (pine).....	Japan.....			1	Hawaii.
<i>Prays oleellus</i> (F.) (Hyponomeutidae):					
<i>Olea europaea</i> (olive).....	Italy, Yugoslavia.....	2			N. Y.
<i>Prodenia eridania</i> (Cram.) (Phalaenidae):					
<i>Coriandrum sativum</i> (coriander).....	Mexico.....	1			Tex.
Flowers—assorted.....	Bermuda.....	2			Mass.
<i>Gladiolus</i> sp.....	Bermuda, Cuba.....	1	1		Fla.,* N. Y.
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1			Tex.
<i>Musa paradisiaca</i> (plantain).....	Honduras.....	1			N. Y.
<i>Zinnia</i> sp.....	Bermuda.....		1		N. Y.
<i>Prodenia litura</i> (F.) (Phalaenidae):					
Airplane.....	Guam, Japan, unknown.....		3		Hawaii.
<i>Prodenia ornithogalli</i> Guen. (Phalaenidae):					
Flowers—assorted.....	Bermuda.....	1			Mass.
<i>Gladiolus</i> sp.....	do.....	1			N. Y.
<i>Prostephanus truncatus</i> (Horn) (Bostrichidae):					
Bean.....	Mexico.....	1			Ariz.
Wooden box.....	do.....	1			Calif.*
<i>Protopulvinaria longivalvata</i> (Green) (Coccidae):					
<i>Capsicum frutescens</i> (pepper).....	Dominica.....			1	P. R.
<i>Gardenia augusta</i> (gardenia).....	Guatemala, Trinidad, Venezuela.....	3			Calif.,* P. R.
<i>Izora</i> sp.....	Trinidad.....			1	Fla.
<i>Protopulvinaria pyriformis</i> Ckll. (Coccidae):					
Leaf.....	Bahamas.....	1			Fla.*
<i>Psara licarsialis</i> (Wlk.) (Pyraustidae):					
Airplane.....	West Pacific.....		1		Hawaii.
<i>Pseudaonia clavigera</i> (Ckll.) (Coccidae):					
<i>Gardenia</i> sp.....	Guam, Hawaii.....	2			Calif.*
Unidentified cutting.....	Guam.....			1	Calif.*
<i>Pseudaonia trilobitiformis</i> (Green) (Coccidae):					
<i>Citrus aurantifolia</i> (lime).....	Brazil.....		1		Calif.*
<i>Citrus limon</i> (lemon).....	Argentina.....		1		Calif.*
<i>Citrus sinensis</i> (orange).....	Dominica.....	1			St. Thomas & St. John.
<i>Izora</i> sp.....	Canal Zone, Trinidad.....	1		1	Fla., N. J.
<i>Mangifera indica</i> (mango).....	Philippines.....	1			Hawaii.
<i>Pseudischinaspis alienus</i> (Newst.) (Coccidae):					
<i>Epidendrum</i> sp. (orchid).....	Mexico.....			1	Tex.
Orchid.....	Costa Rica, Honduras, Mexico.....			8	Calif.,* Fla., N.Y., Tex.
<i>Persea americana</i> (avocado).....	Mexico.....			1	Tex.
<i>Pseudococcus boninsis</i> (Kuw.) (Coccidae):					
<i>Stenotaphrum secundatum</i> (St. Augustine grass).....	Bermuda.....			1	Ala.
<i>Pseudococcus gahani</i> Green (Coccidae):					
<i>Malus sylvestris</i> (apple).....	Italy.....	1			N. Y.
<i>Pseudococcus lilacinus</i> Ckll. (Coccidae):					
<i>Euphorbia longan</i> (longan).....	Philippines.....	1			Hawaii.
<i>Lansium domesticum</i> (domestic langsat).....	do.....	1			Wash.
<i>Pseudococcus matsumotoi</i> Shiraiwa (Coccidae):					
<i>Chaenomeles</i> sp.....	Japan.....			1	Hawaii.
<i>Pseudococcus palmarum</i> (Ehrh.) (Coccidae):					
<i>Cocos nucifera</i> (coconut).....	Hawaii.....	2			Hawaii.

Pests collected and reported from July 1, 1954, through June 30, 1955—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Pseudococcus pini</i> (Kuw.) (Coccidae):					
<i>Pinus pentaphylla</i>	Japan.....			2	Hawaii.
<i>Pinus</i> sp. (5-leaved pine).....	do.....			1	Hawaii.
<i>Pseudoparlatoria ostreata</i> Ckll. (Coccidae):					
<i>Oncidium luridum</i> (orchid).....	Jamaica.....			1	Fla.
Orchid.....	Honduras.....			1	Fla.
<i>Psylla buxi</i> (L.) (Psyllidae):					
<i>Buxus</i> sp.....	England, unknown.....		2		Mass.
<i>Psylla rhododendri</i> Puton (Psyllidae):					
<i>Rhododendron ferrugineum</i>	Switzerland.....	2			N. J.
<i>Pulvinaria horii</i> Kuw. (Coccidae):					
<i>Zelkova</i> sp.....	Japan.....			1	Calif.*
<i>Pulvinaria psidii</i> Mask. (Coccidae):					
<i>Alpinia</i> sp. (red ginger).....	Hawaii.....	1			Hawaii.
<i>Anthurium</i> sp.....	Trinidad.....			1	Fla.
Araceae.....	Panama.....			1	Fla.
<i>Coffea</i> sp. (coffee).....	Hawaii.....	1			Hawaii.
<i>Gardenia augusta</i> (gardenia).....	do.....	4		1	Hawaii.
<i>Kalanchoe</i> sp.....	do.....	1			Hawaii.
<i>Myrtus</i> sp. (myrtle).....	Antigua.....	1			St. Thomas & St. John.
<i>Plumeria</i> sp.....	Hawaii.....			1	Hawaii.
<i>Pulvinaria vitis</i> (L.) (Coccidae):					
<i>Sorbus</i> sp.....	England.....			1	N. J.
<i>Puto barberi</i> (Ckll.) (Coccidae):					
<i>Chrysanthemum</i> sp.....	Trinidad.....	1			P. R.
<i>Puto spinosus</i> (Rob.) (Coccidae):					
<i>Mangifera indica</i> (mango).....	Philippines.....	1			Hawaii.
<i>Puto ulter</i> Ferris (Coccidae):					
<i>Lycaste</i> sp. (orchid).....	Guatemala.....			1	Fla.
<i>Odontoglossum</i> sp. (orchid).....	do.....			2	Hawaii.
<i>Pygopleurus vulpes</i> probably <i>chrysonota</i> Brulle (Scarabaeidae):					
Flowers and plant material.....	Italy.....			1	N. Y.
<i>Pyrausta nubilalis</i> (Hbn.) (Pyraustidae):					
<i>Capsicum frutescens</i> (pepper).....	do.....		1		Pa.
<i>Capsicum frutescens longum</i> (chili pepper).....	do.....		1		N. Y.
<i>Castanea</i> sp. (chestnut).....	do.....	1			Mass.
<i>Dahlia</i> sp.....	Japan.....		1		Hawaii.
<i>Gladiolus</i> sp.....	England.....		1		Mass.
<i>Phaseolus vulgaris</i> var. (string bean).....	Japan.....		2		Wash.
<i>Solanum</i> sp.....	do.....		1		Wash.
<i>Zea mays</i> (corn).....	Italy.....	5			La., N. Y.
<i>Pyrrhocoris apterus</i> (L.) (Pyrrhocoridae):					
Soil around ivy plant and moss.....	Unknown.....			1	N. Y.
<i>Reticulitermes flavipes</i> (Kol.) (Rhinotermitidae):					
<i>Armeria</i> sp. (statice).....	Mexico.....	1			Tex.
<i>Rhagoletis cerasi</i> (L.) (Tephritidae):					
<i>Prunus</i> sp. (cherry).....	Europe, France, Germany, Italy, Sweden, Yugoslavia.....	2	13		Mass., N. Y.
<i>Rhagoletis cerasi</i> (L.) (?) (Tephritidae):					
<i>Malus sylvestris</i> (apple).....	Azores.....	1			Mass.
<i>Passiflora</i> sp.....	do.....	1			Mass.
<i>Prunus</i> sp. (cherry).....	Sweden.....	1			Pa.
<i>Rhagoletis pomonella</i> (Walsh) (Tephritidae):					
<i>Malus sylvestris</i> (apple).....	Mexico.....	5			Tex.
<i>Rhopalosiphoninus tulipae</i> (Theob.) (Aphidae):					
<i>Tulipa</i> sp. (tulip).....	Netherlands.....			2	Tex.
<i>Ribua innoxia</i> Hein. (Phycitidae):					
<i>Ananas comosus</i> (pineapple).....	Cuba.....	8			Fla., * La., N. Y.
<i>Scaphoideus albobittatus</i> Mats. (Cicadellidae):					
Airplane.....	Japan.....		1		Hawaii.
<i>Schoenobius incertulus</i> (Wlk.) (Schoenobiidae):					
Airplane.....	do.....		1		Hawaii.
<i>Scolopostethus decoratus</i> (Hahn) (Lygaeidae):					
<i>Calluna vulgaris</i> (heather).....	Scotland.....	1			Ill.
<i>Selenothrips rubrocinctus</i> (Giard) (Thripidae):					
<i>Celosia argentea</i> (cockscomb).....	Cuba.....	1			Fla.*

Pests collected and reported from July 1, 1954, through June 30, 1955—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Selenothrips rubrocinctus</i> —Continued					
<i>Codiaeum</i> sp. (croton)	Hawaii	1			Hawaii.
<i>Trifolium</i> sp. (clover)	Cuba	1			Fla.*
<i>Sesamia cretica</i> Led. (Phalaenidae):					
<i>Sorghum vulgare technicum</i> (broomcorn)	Greece, Italy, Turkey	9			Md., N. Y., Tex.
<i>Zea mays</i> (corn)	Algeria		1		N. Y.
<i>Sidemia depravata</i> (Butler) (?) (Phalaenidae):					
Airplane	Unknown		1		Hawaii.
<i>Sinoxylon anale</i> Lesne (Bostrichidae):					
Wooden case	Pakistan	1			Calif.*
<i>Sinoxylon ceratoniae</i> L. (Bostrichidae):					
Wood	Egypt	1			Calif.*
<i>Sinoxylon conigerum</i> Gerst. (Bostrichidae):					
Wood	India	1			Calif.*
<i>Siphoninus phyllireae</i> (Hal.) (Aleyrodidae):					
<i>Punica granatum</i> (pomegranate)	Greece	1			Mass.
<i>Sisamnes contractus</i> Dist. (Lygaeidae):					
<i>Ananas comosus</i> (pineapple)	Mexico	1			Tex.
<i>Sitona hispidula</i> F. (Curculionidae):					
<i>Helichrysum</i> sp	Germany	1			N. Y.
Soil	Canada		1		N. Y.
<i>Sitona lineata</i> (L.) (Curculionidae):					
<i>Freesia</i> sp.	Netherlands	1			N. Y.
<i>Specularius impressithorax</i> (Pic) (Bruchidae):					
<i>Erythrina</i> sp.	Rhodesia			1	N. Y.
<i>Spodoptera mauritia</i> (Bdv.) (Phalaenidae):					
Airplane	Hawaii		2		Hawaii.
<i>Stenomoma catenifer</i> Wlsm. (Stenomidae):					
<i>Persea americana</i> (avocado)	Brazil, Central America, Ecuador, Mexico, Panama, Salvador.	15	5	1	Calif.*, La., P. R., Tex.
<i>Stephanitis pyri</i> (F.) (Tingidae):					
<i>Pyracantha</i> sp	Greece	1			N. Y.
<i>Stephanitis pyroides</i> (Scott) (Tingidae):					
<i>Rhododendron</i> sp.	Japan			1	Wash.
<i>Sternonchus mangiferae</i> (L.) (Curculionidae):					
<i>Mangifera indica</i> (mango)	Fiji, Hawai, India	16	1		Calif.*, Hawaii, N. Y.
<i>Strophosoma limbatus</i> F. (Curculionidae):					
<i>Calluna vulgaris</i> (heather)	Scotland	1			N. Y.
<i>Strophosoma melanogrammum</i> Forst. (Curculionidae):					
<i>Calluna vulgaris</i> (heather)	do	1			N. Y.
<i>Sybra alternans</i> (Wied.) (Cerambycidae):					
Airplane	Hawaii		1		Hawaii.
<i>Cocos nucifera</i> (coconut)	do	1			Hawaii.
<i>Cordyline terminalis</i> (ti)	do			1	Hawaii.
Flowers—assorted	do	2			Hawaii.
<i>Heliconia</i> sp.	do	1			Hawaii.
<i>Operculina tuberosa</i> (wood-rose)	do	1			Hawaii.
<i>Strelitzia reginae</i> (bird-of-paradise-flower)	do	1			Hawaii.
Wrapping	do	1			Hawaii.
<i>Systole geniculata</i> Foerst. (Eurytomidae):					
<i>Daucus carota</i> (carrot)	Afghanistan			1	D. C.
Flowers	Haiti	1			P. R.
<i>Teniothrips vulgarissimus</i> (Hal.) (Thripidae):					
<i>Brassica oleracea capitata</i> (cabbage)	England		1		Pa.
<i>Talponia batesi</i> Hein. (Olethreutidae):					
<i>Annona cherimola</i> (cherimoya)	Mexico	2			Tex.
<i>Tapinaspis wesmaeli</i> (Boh.) (Chrysomelidae):					
<i>Chamaedorea</i> sp	do	1			Tex.
" <i>Targionia</i> " <i>bromeliae</i> (Leon.) (Coccidae):					
<i>Ananas comosus</i> (pineapple)	do	3			Tex.
" <i>Targionia</i> " <i>hartii</i> (Ckll.) (Coccidae):					
<i>Dioscorea</i> sp. (yam)	Canal Zone, Cuba, Nigeria, St. Kitts.	4		1	Fla.*, N. Y., Oreg., St. Croix.
" <i>Targionia</i> " <i>sacchari</i> (Ckll.) (Coccidae):					
<i>Saccharum officinarum</i> (sugarcane)	Bahamas, Martinique (?)	1	1		N. Y., Tex.

Pests collected and reported from July 1, 1954, through June 30, 1955—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Tarsonemus laticeps</i> Halb. (Tarsonemidae):					
<i>Narcissus</i> sp.	Ireland.....			2	N. J.
<i>Tempyra biguttula</i> Stal (Lygaeidae):					
Orchid.....	Mexico.....			1	Tex.
<i>Tenthecoris angustimarginatus</i> Hsiao & Sailer (Miridae):					
Orchid.....	do.....			1	Tex.
<i>Tenthecoris bicolor</i> Scott (Miridae):					
<i>Cynoches chlorochilon</i>	Canal Zone.....			1	Calif.*
Orchid.....	Mexico.....			6	Tex.
<i>Tenthecoris confusus</i> Hsiao & Sailer (Miridae):					
Orchid.....	Honduras, Mexico.....			15	Ariz., Calif.*, Fla., Tex.
<i>Tenthecoris distinguendus</i> Hsiao & Sailer (Miridae):					
<i>Epidendrum</i> sp. (orchid).....	Canal Zone.....			1	Hawaii.
<i>Tenuipalpus pacificus</i> Baker (Phytoptipalpidae):					
<i>Catleya dowiana</i> (orchid).....	do.....			1	Fla.
<i>Tenuirostritermes cinereus</i> (Buckley) (Termitidae):					
Orchid.....	Mexico.....			4	Tex.
<i>Tetraleurodes acaciae</i> (Q.) (Aleyrodidae):					
Leaf.....	do.....	2			Ariz., Tex.
Legume foliage.....	do.....	1			Ariz.
<i>Tetraleurodes ursorum</i> (Ckll.) (Aleyrodidae):					
Hardwood shrub.....	do.....	1			Tex.
Herb.....	do.....	1			Tex.
Leaf.....	do.....	1			Tex.
<i>Tetranychus cucurbitae</i> R. & S. (Tetranychidae):					
<i>Codiaeum variegatum</i> (croton).....	Hawaii.....			1	Calif.*
<i>Tetranychus desertorum</i> Banks (Tetranychidae):					
<i>Trifolium</i> sp. (clover).....	Guatemala.....	1			Tex.
<i>Tetranychus mariannae</i> McG. (Tetranychidae):					
Orchid.....	Costa Rica.....			1	Fla.
<i>Tetranychus piercei</i> McG. (Tetranychidae):					
<i>Dendrobium</i> sp. (orchid).....	India.....			1	N. J.
<i>Tetranychus tumidus</i> Banks (Tetranychidae):					
<i>Codiaeum</i> sp. (croton).....	St. Kitts.....			1	P. R.
<i>Tetraphana daphne</i> Druce (Schoenobiidae):					
<i>Phlodes dendron</i> sp.....	Costa Rica.....			1	Fla.
<i>Tecananus spatulatus</i> (Van D.) (Cicadellidae):					
Airplane.....	Eniwetok.....		1		Hawaii.
<i>Theba pisana</i> (Muller) (Mollusca):					
<i>Cynara scolymus</i> (globe artichoke).....	Italy.....		1		N. Y.
<i>Lactuca sativa</i> (lettuce).....	Germany.....		1		D. C.
Refrigerator.....	Unknown.....		1		Mass.
<i>Theba pisana</i> (Muller) (?) (Mollusca):					
<i>Lactuca sativa</i> (lettuce).....	Netherlands.....		1		Pa.
<i>Thecla ziba</i> Hew. (Lycaenidae):					
<i>Ananas comosus</i> (pineapple).....	Mexico.....	17			Tex.
<i>Tingis cardui</i> (L.) (?) (Tingidae):					
<i>Cirsium</i> sp. (thistle).....	Scotland.....	1			N. Y.
<i>Trialeurodes vaporariorum</i> (Westw.) (Aleyrodidae):					
<i>Ruta graveolens</i>	Mexico.....	1			Ariz.
<i>Trialeurodes variabilis</i> (Q.) (Aleyrodidae):					
Leaf.....	do.....			1	Ariz.
Sapote.....	do.....	2			Ariz., Tex.
<i>Trialeurodes vitrinellus</i> Ckll. (Aleyrodidae):					
<i>Citrus</i> sp., probably <i>limon</i> (lemon).....	do.....	1			Tex.
<i>Citrus</i> sp.....	do.....	1			Tex.
<i>Trionymus sacchari</i> (Ckll.) (Coccidae):					
<i>Saccharum officinarum</i> (sugarcane).....	Antigua, Hawaii.....	2			Hawaii, St. Thomas & St. John.
<i>Trogoderma granarium</i> Everts (Dermestidae):					
<i>Archis hypogaea</i> (peanut).....	India.....	1			N. Y.
Floor sweepings in flour mill.....	Mexico.....	1			Calif.
<i>Hordeum</i> sp. (barley).....	Afghanistan.....			1	D. C.
On rice bag.....	Formosa.....		1		Md.
<i>Triticum aestivum</i> (wheat).....	Mexico.....	1			Calif.

Pests collected and reported from July 1, 1954, through June 30, 1955—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Trogoderma parabile</i> Beal (Dermestidae):					
Grain.....	Mexico.....	1			Calif.
<i>Triticum aestivum</i> (wheat).....	do.....	1			Calif.
<i>Trogoxylon aequale</i> (Woll.) (Lyctidae):					
Box containing dishes.....	Japan (?).....	1			Hawaii.
<i>Trogoxylon prostomoides</i> (Gorham) (Lyctidae):					
Bamboo.....	Mexico.....	2			Oreg.
<i>Tyrophagus infestans</i> (Berl.) (Acaridae):					
<i>Cucumis sativus</i> (cucumber).....	Brazil.....		1		Pa.
<i>Daucus carota</i> (carrot).....	Australia.....		1		Pa.
<i>Solanum melongena</i> (eggplant).....	Egypt.....		1		Mass.
<i>Unaspis citri</i> (Comst.) (Coccidae):					
<i>Citrus paradisi</i> (grapefruit).....	Colombia, Dominica, Mexico.....	3	1		Fla.*, St. Thomas & St. John.
<i>Citrus sinensis</i> (orange).....	Aruba, Bermuda, Canal Zone, Cuba, Trinidad.....		7		Fla.*
<i>Unaspis euonymi</i> (Comst.) (Coccidae):					
<i>Euonymus</i> sp.....	Greece.....	1			N. Y.
<i>Unaspis yanonensis</i> (Kuw.) (Coccidae):					
<i>Citrus aurantium</i> (sour orange).....	Japan.....		7		Calif.*
<i>Citrus hystrix</i>	do.....		1		Hawaii.
<i>Citrus limon</i> (lemon).....	do.....		5		Calif.*, Pa.
<i>Citrus paradisi</i> (grapefruit).....	do.....		2		Calif.*
<i>Citrus reticulata</i> (Mandarin orange).....	do.....		7	23	Calif.*, Hawaii.
<i>Citrus sinensis</i> (orange).....	do.....		2	10	Calif.*, Hawaii, Wash.
<i>Virga dissimilis</i> Dist. (Coreidae):					
Orchid.....	Canal Zone.....			1	Calif.*
<i>Virga divaricata</i> Champ. (Coreidae):					
Orchid.....	do.....			1	Fla.
<i>Vinsonia stellifera</i> (Westw.) (Coccidae):					
<i>Anthurium</i> sp.....	Trinidad.....		1		Fla.
<i>Arachnanthe</i> sp. (orchid).....	Jamaica.....		1		Fla.
<i>Aspasia principissa</i> (orchid).....	Canal Zone.....		1		Fla.
<i>Brassia caudata</i> (orchid).....	Jamaica.....		1		Fla.
<i>Brassia gireoudiana</i>	Canal Zone.....		1		Calif.*
<i>Brassia</i> sp.....	Canal Zone, Jamaica.....		3		Fla.
<i>Broughtonia dominicensis</i> (orchid).....	Jamaica.....		1		Hawaii.
<i>Broughtonia</i> sp.....	do.....		11		Fla.
<i>Cattleya</i> sp. (orchid).....	do.....		1		Fla.
<i>Epidendrum</i> sp. (orchid).....	British Honduras.....		1		Fla.
<i>Eugenia jambos</i> (malabar-plum).....	Dominica.....		1		N. Y.
<i>Lycaete barringtoniae</i> (orchid).....	Jamaica.....		1		Fla.
<i>Oncidium confusum</i> (orchid).....	Canal Zone.....		1		Fla.
<i>Oncidium triquetrum</i>	Jamaica.....		1		Hawaii.
Orchid.....	Canal Zone, Cuba, Guatemala, Jamaica, Salvador, Trinidad.....		11		Fla., N. J., Wash.
<i>Virachola livia</i> Klug. (?) (Lycaenidae):					
<i>Punica granatum</i> (pomegranate).....	Israel.....	1			N. Y.
<i>Xanthogramma calopus</i> (Loew) (Syrphidae):					
<i>Ornithogalum thyrsoides</i> (chinkerichée).....	Union of South Africa.....	1			N. Y.
<i>Xerophilaspis prosopidis</i> (Ckll.) (Coccidae):					
Twig—unidentified.....	Mexico.....		1		Ariz.
<i>Xyloperthella crinitarsis</i> (Imhoff) (Bostrichidae):					
<i>Rhaya</i> sp.....	Gold Coast.....	1			Md.
<i>Xylothrips religiosus</i> (Boisd.) (Bostrichidae):					
<i>Acacia</i> sp.....	Fiji.....	1			Hawaii.
<i>Zonitoides arboreus</i> (Say) (Mollusca):					
Lava rock.....	Hawaii.....	1			Hawaii.
Orchid.....	Canal Zone, Honduras, Mexico.....		3		Calif.*, Fla.
<i>Zygogramma lepidula</i> Stal (Chrysomelidae):					
<i>Pinus</i> sp. (pine).....	Mexico.....	1			D. C.

Hosts and Insects

- ACACIA:**
Caryedon fuscus (Coleoptera)
Xylothrips religiosus (Coleoptera)
- ACALYPHA:**
Phenacoccus gossypii (Homoptera)
- ACER:**
Parlatoria theae (Homoptera)
Periphyllus californiensis (Homoptera)
- ACHRAS:**
Anastrepha serpentina (Diptera)
- AGARICUS:**
Nemapogon granella (Lepidoptera)
- AGAVE:**
Furcaspis bififormis (Homoptera)
- ALLIUM CEPA:**
Eumerus tuberculatus (Diptera)
Nezara viridula (Hemiptera)
- ALLIUM PORRUM:**
Acrolepis assectella (Lepidoptera)
Deroceras reticulatum (Mollusca)
- ALLIUM SATIVUM:**
Aceria tulipae (Acarina)
Brachycerus albidentatus (Coleoptera)
Brachycerus algirus (Coleoptera)
Dyspessa ulula (Lepidoptera)
Hypera brunneipennis (Coleoptera)
- ALOE:**
Furcaspis bififormis (Homoptera)
- ALPINIA:**
Coccus viridis (Homoptera)
Pentalonia nigronervosa (Homoptera)
Pulvinaria psidii (Homoptera)
- AMARYLLIS:**
Peridroma margaritosa (Lepidoptera)
- ANANAS:**
Alpheias conspirata (Lepidoptera)
Metamasius stricatus (Coleoptera)
Pangaeus rugifrons (Hemiptera)
Platynota rostrana (Lepidoptera)
Ribua innoxia (Lepidoptera)
Sisamnes contractus (Hemiptera)
"Targionia" bromellae (Homoptera)
Thecia ziba (Lepidoptera)
- ANNONA:**
Aspidiotus destructor (Homoptera)
Bephrata maculicollis (Hymenoptera)
Cerconota anonella (Lepidoptera)
Talponia batesi (Lepidoptera)
- ANTHURIUM:**
Bradybaena similis (Mollusca)
Ceroplastes rubens (Homoptera)
Cryphula apicatus (Hemiptera)
Eptochiomeria confusa (Hemiptera)
Limax marginatus (Mollusca)
Myochrous carinatus (Coleoptera)
Pinnaspis buxi (Homoptera)
Plusia chalcites (?) (Lepidoptera)
Pulvinaria psidii (Homoptera)
Vinsonia stellifera (Homoptera)
- APIUM:**
Deroceras reticulatum (Mollusca)
Peridroma margaritosa (Lepidoptera)
- ARACEAE:**
Pulvinaria psidii (Homoptera)
- ARACHIS:**
Caryedon fuscus (Coleoptera)
Trogoderma granarium (Coleoptera)
- ARACHNANTHE:**
Vinsonia stellifera (Homoptera)
- ARAUCARIA:**
Ericoccus araucariae (Homoptera)
- ARECA:**
Aspidiotus palmarum (Homoptera)
- ARMERIA:**
Amorbia emigratella (Lepidoptera)
Reticulitermes flavipes (Isoptera)
- ARMORACIA:**
Baris lepidii (Coleoptera)
Hylemya floralis (Diptera)
- ASPARGUS:**
Limax marginatus (Mollusca)
- ASPASIA:**
Leucaspis cockerelli (Homoptera)
Vinsonia stellifera (Homoptera)
- ASPLENIUM:**
Ceroplastes rubens (Homoptera)
- AUCUBA:**
Phenacaspis aucubae (Homoptera)
- BAMBOO:**
Asterolecanium bambusae (Homoptera)
Asterolecanium epidendri (Homoptera)
Asterolecanium miliaris robustum (?) (Homoptera)
Dinoderus brevis (Coleoptera)
Eucalandra setulosa (Coleoptera)
Minthea rugicollis (Coleoptera)
Trogosyllum prostomoides (Coleoptera)
- BAMBUSA:**
Odonaspis secreta (Homoptera)
- BETA:**
Deroceras reticulatum (Mollusca)
Gnorimoschema ocellatella (Lepidoptera)
Lixus junci (Coleoptera)
- BOUGANVILLEA:**
Pantomorus godmani (Coleoptera)
- BRASSAVOLA:**
Chrysomphalus tenax (Homoptera)
Furcaspis bififormis (Homoptera)
- BRASSIA:**
Leucaspis cockerelli (Homoptera)
Vinsonia stellifera (Homoptera)
- BRASSICA OLERACEA BOTRYTIS:**
Barathra brassicae (Lepidoptera)
Deroceras reticulatum (Mollusca)
Evergestis rimosalis (Lepidoptera)
Phytomyza rufipes (Diptera)
- BRASSICA OLERACEA CAPITATA:**
Barathra brassicae (Lepidoptera)
Deroceras reticulatum (Mollusca)
Helix aspersa (Mollusca)
Limax marginatus (Mollusca)
Limax maximus (Mollusca)
Phytomyza rufipes (Diptera)
Pieris brassicae (Lepidoptera)
Taeniothrips vulgatissimus (Thysanoptera)
- BRASSICA RAPA:**
Deroceras reticulatum (Mollusca)
- BRASSICA SP.:**
Nystus raphanus (Hemiptera)
Phyllotreta aeneicollis (Coleoptera)
- BROMELIAD:**
Amorbia emigratella (Lepidoptera)
Chrysomphalus personatus (Homoptera)
Ligyrocoris abdominalis (Hemiptera)
Megalocysta gibbifera (Hemiptera)
- BROUGHTONIA:**
Coccus viridis (Homoptera)
Vinsonia stellifera (Homoptera)
- BRYOPHYLLUM:**
Coccus viridis (Homoptera)
Monomorium destructor (Hymenoptera)
Pheidole megacephala (Hymenoptera)
Phenacaspis sandwicensis (Homoptera)
- BUXUS:**
Eriophyes canestrinii (Acarina)
Psylla buxi (Homoptera)
- CACTUS:**
Dendrocoris variegatus (Hemiptera)
Lepidosaphes philococcus (Homoptera)
- CAJANUS:**
Acanthoscelides armitagei (Coleoptera)
Ancylostoma stercora (Lepidoptera)
Callosobruchus maculatus (Coleoptera)
Callosobruchus phaseoli (Coleoptera)
Maruca testulalis (Lepidoptera)
- CALADIUM:**
Pentalonia nigronervosa (Homoptera)
- CALATHEA:**
Pentalonia nigronervosa (Homoptera)
- CALLUNA:**
Brachyrrhinus sulcatus (Coleoptera)
Gelechia ericetella (Lepidoptera)
Orthotylus ericetorum (Hemiptera)
Scotopostethus decoratus (Hemiptera)
Strophosoma limbatus (Coleoptera)
Strophosoma melanogrammus (Coleoptera)
- CALOPHYLLUM:**
Dacus dorsalis (Diptera)
- CAMELLIA:**
Aleurotuberculatus similis (Homoptera)
Aspidiotus degeneratus (Homoptera)
Parlatoria camelliae (Homoptera)

Hosts and Insects—Continued

- CANAVALIA:**
Lampides boeticus (Lepidoptera)
Maruca testulalis (Lepidoptera)
- CANNABIS:**
Aonidiella inornata (Homoptera)
- CAPSICUM:**
Ceratitidis capitata (?) (Diptera)
Gnorimoschema gudmannella (Lepidoptera)
Helix aspersa (Mollusca)
Olethreutes leucotreta (Lepidoptera)
Protopulvinaria longivalvata (Homoptera)
Pyrausta nubilalis (Lepidoptera)
- CARYOTA:**
Pheidole megacephala (Hymenoptera)
- CASIMIROA:**
Anastrepha ludens (Diptera)
- CASSIA:**
Caryedon fuscus (Coleoptera)
Phelomerus aberrans (Coleoptera)
- CASTANEA:**
Curculio elephas (Coleoptera)
Hemimene juliana (Lepidoptera)
Laspeyresia splendana (Lepidoptera)
Pyrausta nubilalis (Lepidoptera)
- CATTLEA:**
Asterolecanium epidendri (Homoptera)
Chrysomphalus umboniferus (Homoptera)
Eurytoma orchidearum (Hymenoptera)
Furcaspis biformis (Homoptera)
Iridomyrmex iniquus (Hymenoptera)
Microtheca ochrolema (Coleoptera)
Odonaspis ruthae (Homoptera)
Tenuipalpus pacificus (Acarina)
Vinsonia stellifera (Homoptera)
- CEDRUS:**
Brachyrhinus rugosostriatus (Coleoptera)
Coptotermes testaceus (Isoptera)
Kaloterms snyderi (Isoptera)
- CELOSIA:**
Selenothrips rubrocinctus (Isoptera)
- CERSIUM:**
Tingis cardui (?) (Hemiptera)
- CHAENOMELES:**
Pseudococcus matsumotoi (Homoptera)
- CHAMAEDOREA:**
Aleuroplatus coccolus (Homoptera)
Chrysomphalus sphaeroides (Homoptera)
Homalodisca centrolineata (Homoptera)
Tapinaspis wesmali (Coleoptera)
- CHRYSANTHEMUM:**
Capitophorus chrysanthemi (Homoptera)
Lygus lineolaris (Hemiptera)
Nezara viridula (Hemiptera)
Peridroma margaritosa (Lepidoptera)
Phytomyza atricornis (?) (Diptera)
Puto barberi (Homoptera)
- CIOER:**
Callosobruchus maculatus (Coleoptera)
- CICHORIUM:**
Deroceras reticulatum (Mollusca)
Napomyza lateralis (Diptera)
Phytomyza rufipes (Diptera)
- CITRUS AURANTIFOLIA:**
Aleurocanthus woglumi (Homoptera)
Anastrepha ludens (Diptera)
Aonidiella comperi (Homoptera)
Coccus viridis (Homoptera)
Dialeurodes citri (Homoptera)
Lygaeus uhleri (Hemiptera)
Oxygryllus ruginasus (Coleoptera)
Parlatoria cinerea (Homoptera)
Parlatoria zizyphus (Homoptera)
Pseudanoidia trilobitiformis (Homoptera)
- CITRUS AURANTIUM:**
Unaspis yanonensis (Homoptera)
- CITRUS DECUMANA:**
Morganella longispina (Homoptera)
- CITRUS HYSTRIX:**
Unaspis yanonensis (Homoptera)
- CITRUS LIMON:**
Brevipalpus australis (Acarina)
Brevipalpus phoenicis (Acarina)
Cryptoblabes gnidiella (Lepidoptera)
Parlatoria zizyphus (Homoptera)
Pseudanoidia trilobitiformis (Homoptera)
Unaspis yanonensis (Homoptera)
- CITRUS MITIS:**
Aleurocanthus woglumi (Homoptera)
- CITRUS PARADISI:**
Anastrepha fraterculus (Diptera)
Anastrepha ludens (Diptera)
Aonidiella inornata (Homoptera)
Ceratitidis capitata (Diptera)
Chrysomphalus diversicolor (tentative) (Homoptera)
Leucaspis cockerelli (Homoptera)
Morganella longispina (Homoptera)
Olethreutes leucotreta (Lepidoptera)
Parlatoria zizyphus (Homoptera)
Unaspis citri (Homoptera)
Unaspis yanonensis (Homoptera)
- CITRUS RETICULATA:**
Ceratitidis capitata (Diptera)
Parlatoria cinerea (Homoptera)
Parlatoria zizyphus (Homoptera)
Unaspis yanonensis (Homoptera)
- CITRUS SINENSIS:**
Aleurocanthus woglumi (Homoptera)
Aleurothrix floccosus (Homoptera)
Anastrepha fraterculus (Diptera)
Anastrepha ludens (Diptera)
Anastrepha serpentina (Diptera)
Ceratitidis capitata (Diptera)
Ceroplastes sinensis (Homoptera)
Cryptoblabes gnidiella (Lepidoptera)
Gymnanterosoma aurantium (Lepidoptera)
Leucaspis cockerelli (Homoptera)
Olethreutes leucotreta (Lepidoptera)
Parlatoria cinerea (Homoptera)
Parlatoria zizyphus (Homoptera)
Pseudanoidia trilobitiformis (Homoptera)
Unaspis citri (Homoptera)
Unaspis yanonensis (Homoptera)
- CITRUS SP., probably LIMON:**
Aleurothrix floccosus (Homoptera)
Trialeurodes vitrinellus (Homoptera)
- CITRUS SP. (orange):**
Parlatoria zizyphus (Homoptera)
- CITRUS SP.:**
Aleurocanthus woglumi (Homoptera)
Aleurothrix floccosus (Homoptera)
Brevipalpus phoenicis (Acarina)
Coccus viridis (Homoptera)
Dialeurodes citrifolii (Homoptera)
Eutetranychus banksi (Acarina)
Parlatoria zizyphus (Homoptera)
Trialeurodes vitrinellus (Homoptera)
- COCCOLOBA:**
Crenidosorum commune (Homoptera)
- COCHLOSPERMUM:**
Aspidiotus herculeanus (Homoptera)
- COCOS:**
Aonidiella inornata (Homoptera)
Aspidiotus destructor (Homoptera)
Chrysomphalus personatus (Homoptera)
Chrysomphalus tingi (Homoptera)
Diocalandra taitensis (Coleoptera)
Ereunetis flavistrata (Lepidoptera)
Lepidosaphes esakii (Homoptera)
Lygaeus pulchellus (Hemiptera)
Mauria subnotatus (Coleoptera)
Oxydema fusiforme (Coleoptera)
Phenacaspis sandwicensis (Homoptera)
Pseudococcus palmarum (Homoptera)
Sybra alternans (Coleoptera)
- CODIAEUM:**
Lepidosaphes tokionis (Homoptera)
Parlatoria crotonis (Homoptera)
Phenacoccus gossypii (Homoptera)
Selenothrips rubrocinctus (Thysanoptera)
Tetranychus cucurbitae (Acarina)
Tetranychus tumidus (Acarina)
- COFFEA:**
Aleuroparadoxus gardeniae (Homoptera)
Ceratitidis capitata (Diptera)
Coccus viridis (Homoptera)
Dacus dorsalis (Diptera)
Leucopetra coffeella (Lepidoptera)
Pulvinaria psidii (Homoptera)
- COLOCASIA:**
Cacographis osteolalis (Lepidoptera)

Hosts and Insects—Continued

- COPAIFERA:**
Agonum rugulosus (Coleoptera)
Draeculacephala clypeata (Hemiptera)
Ochterus perbosci (Hemiptera)
- COPERNICIA:**
Caryedon fuscus (Coleoptera)
- CORDYLINAE:**
Atractomorpha ambigua (Orthoptera)
Dacus dorsalis (Diptera)
Deroceras reticulatum (Mollusca)
Opogona purpuricollis (Lepidoptera)
Oryzema longulus (Coleoptera)
Pantomorus godmani (Coleoptera)
Pinnaspis buzi (Homoptera)
Sybra alternans (Coleoptera)
- CORIANDRUM:**
Prodenia eridania (Lepidoptera)
- CRATAEGUS:**
Grapholitha packardii (Lepidoptera)
- CROTALARIA:**
Ortholomus jamaicensis (?) (Hemiptera)
- CRYPTOSTEGIA:**
Coccus viridis (Homoptera)
- CUCUMIS:**
Dacus cucurbitae (Diptera)
Tyrophagus infestans (Acarina)
- CUCURBITA:**
Bradybaena similis (Mollusca)
- CUPRESSUS:**
Orsillus depressus (Hemiptera)
- CYCAD:**
Aulacoscelis melanocera (Coleoptera)
Ligyrocoris aurivilliana (Hemiptera)
- CYCNOCHES:**
Brevipalpus phoenicis (Acarina)
Tenthorcoris bicolor (Hemiptera)
- CYDONIA:**
Anastrepha ludens (Diptera)
Ceratitus capitata (Diptera)
Kaloterms flavicollis (Isoptera)
- CYMBIDIUM:**
Asterolecanium epidendri (Homoptera)
Lepidosaphes tuberculata (Homoptera)
Ozycaenus bicolor (Hemiptera)
- CYNARA:**
Anuraphis cardui (Homoptera)
Deroceras reticulatum (Mollusca)
Forficula decipiens (Orthoptera)
Gortyna flavago (Lepidoptera)
Helix aspersa (Mollusca)
Theba pisana (Mollusca)
- CYNODON:**
Callosobruchus phaseoli (Coleoptera)
Odonaspis rukhae (Homoptera)
- CYNOGLOSSUM:**
Bruchidius gilvus (Coleoptera)
- DAHLIA:**
Pyrausta nubilalis (Lepidoptera)
- DAISY:**
Helix aspersa (Mollusca)
- DAUCUS:**
Deroceras reticulatum (Mollusca)
Phalonia zephyrana (Lepidoptera)
Phytomyza rufipes (Diptera)
Systole geniculata (Hymenoptera)
Tyrophagus infestans (Acarina)
- DENDROBIUM:**
Aspidiotus australiensis (Homoptera)
Bromeliaemiris puncticollis (Hemiptera)
Chrysomphalus bifasciculatus (Homoptera)
Ferrisia virgata (Homoptera)
Tetranychus piercei (Acarina)
- DIANTHUS:**
Frankliniella schultzei (Thysanoptera)
Haplothrips cottei (Thysanoptera)
- DIEFFENBACHIA:**
Noella floridula (Hemiptera)
- DINCHLOA:**
Paratetranychus pratensis (Acarina)
- DIOSCOREA:**
"Targionia" hartii (Homoptera)
- DIOSOMA:**
Chionaspis diosomae (Homoptera)
- DIOSPYROS:**
Ceratitus capitata (Diptera)
Parlatoria oleae (Homoptera)
- DOLICHOS:**
Callosobruchus maculatus (Coleoptera)
- DRACAENA:**
Ezplotochioma confusa (Hemiptera)
Pinnaspis buzi (Homoptera)
- ELEOCHARIS:**
Fulvius brevicornis (Hemiptera)
- EPIDENDRUM:**
Asterolecanium epidendri (Homoptera)
Conchaspis orchidarum (Homoptera)
Farinococcus guatemalensis (Homoptera)
Furcaspis biformis (Homoptera)
Platynota rostrana (?) (Lepidoptera)
Pseudischnaspis alienus (Homoptera)
Tenthorcoris distinguendus (Hemiptera)
Vinsonia stellifera (Homoptera)
Specularius impressithorax (Coleoptera)
- ERIOBOTRYA:**
Ceratitus capitata
- ERYTHRINA:**
- EUGENIA:**
Aspidiotus palmarum (Homoptera)
Dacus dorsalis (Diptera)
Vinsonia stellifera (Homoptera)
- EUONYMUS:**
Unaspis eunymii (Homoptera)
- EUPHORIA:**
Pseudococcus lilacinus (Homoptera)
- FICUS:**
Ceratitus capitata (Diptera)
Ceroplastes rusci (Homoptera)
Gynaikothrips ficorum (Thysanoptera)
Iridomyrmex humilis (Hymenoptera)
Lecanium coryli (Homoptera)
- FREESIA:**
Sitona lineata (Coleoptera)
- GARDENIA:**
Aleuroparadoxus gardeniae (Homoptera)
Amorbia emigratella (Lepidoptera)
Ceroplastes rubens (Homoptera)
Coccus viridis (Homoptera)
Dialeurodes kirkaldyi (Homoptera)
Orthesia pseudosignis (Homoptera)
Pealius hibisci (Homoptera)
Protopulvinaria longivalvata (Homoptera)
Pseudonidia clavigera (Homoptera)
Pulvinaria psidii (Homoptera)
- GLADIOLUS:**
Amorbia emigratella (Lepidoptera)
Anuraphis tulipae (Homoptera)
Oscinella dampfi (Diptera)
Prodenia eridania (Lepidoptera)
Prodenia ornithogalli (Lepidoptera)
Pyrausta nubilalis (Lepidoptera)
- GLYCINE:**
Callosobruchus analis (Coleoptera)
- GOSSYPIUM:**
Hypera brunneipennis (Coleoptera)
Ozycaenus hyalinipennis (Hemiptera)
Pectinophora gossypiella (Lepidoptera)
- GREWIA:**
Parlatoria crypta (Homoptera)
- HEDERA:**
Aspidiotus hedericola (Homoptera)
- HELICHRYSUM:**
Sitona hispidula (Coleoptera)
- HELICONIA:**
Deroceras reticulatum (Mollusca)
Sybra alternans (Coleoptera)
- HETEROPOGON:**
Carbula damalis (Hemiptera)
- HIBISCUS:**
Asterolecanium pustulans (Homoptera)
Brevipalpus phoenicis (Acarina)
Ozycaenus hyalinipennis (Hemiptera)
Pealius hibisci (Homoptera)
- HORDEUM:**
Trogoderma granarium (Coleoptera)
- IPOMOEA:**
Bradybaena similis (Mollusca)
Cylas formicarius (Coleoptera)
Cylas formicarius elegantulus (Coleoptera)
Cylas formicarius formicarius (Coleoptera)
Eusepes postfasciatus (Coleoptera)
Megacerus alternatus (Coleoptera)
Omphisa anastomosalis (Lepidoptera)

Hosts and Insects—Continued

IRIS:

Anurophis tulipae (Homoptera)

IXORA:

Coccus viridis (Homoptera)*Protopulvinaria longivalvata* (Homoptera)*Pseudaonidia trilobitiformis* (Homoptera)

JASMINUM:

Asterolecanium pustulans (Homoptera)

JUNIPERUS:

Eriococcus araucariae (Homoptera)*Lecanium fletcheri* (Homoptera)*Lepidosaphes pallida* (Homoptera)

KALANCHOE:

Pulvinaria psidii (Homoptera)

KALMIA:

Aleuroplatus plumosus (Homoptera)

KERRIA:

Allantus cinctus (Hymenoptera)

KHAYA:

Xyloperthella crinitarsis (Coleoptera)

LACTUCA:

Agrotis ypsilon (Lepidoptera)*Deroceras reticulatum* (Mollusca)*Dicyphus annulatus* (Hemiptera)*Nysius clevelandensis* (Hemiptera)*Peridroma margaritosa* (Lepidoptera)*Philaenus leucophthalmus* (Homoptera)*Phytomyza rufipes* (Diptera)*Theba pisana* (Mollusca)

LAELIA:

Chrysomphalus umboniferus (Homoptera)

LANSIUM:

Pheidole megacephala (Hymenoptera)*Pseudococcus lilacinus* (Homoptera)

LATHYRUS:

Bruchus azoricus (?) (Coleoptera)*Bruchus tristictus* (Coleoptera)*Bruchus tristis* (Coleoptera)

LENS:

Bruchus ervi (Coleoptera)*Bruchus lentis* (Coleoptera)*Bruchus signaticornis* (Coleoptera)

LEUCAENA:

Dynatopechus calandrades (Coleoptera)

LICUALA:

Aspidiotus destructor (Homoptera)

LILIUM:

Adoxophyes orana (Lepidoptera)*Bradybaena similis* (Mollusca)*Haplothrips gowdeyi* (Thysanoptera)*Philaenus leucophthalmus* (Homoptera)

LITCHI:

Monomorium destructor (Hymenoptera)

LONCHOCARPUS:

Dinoderus bifoveolatus (Coleoptera)*Micrapate labialis* (Coleoptera)

LYCASTE:

Puto ulter (Homoptera)*Vinsonia stellifera* (Homoptera)

LYCOPERSICON:

Amorbia emigratella (Lepidoptera)*Dacus cucurbitae* (Diptera)*Dysdercus concinnus* (Hemiptera)*Neoleucinodes elegantalis* (Lepidoptera)*Prodenia eridania* (Lepidoptera)

MACADAMIA:

Cryptophlebia illepidia (Lepidoptera)

MALUS:

Adoxophyes orana (Lepidoptera)*Allantus cinctus* (Hymenoptera)*Argyresthia conjugella* (Lepidoptera)*Aspidiotus pyri* (Homoptera)*Carpodina sasakii* (Lepidoptera)*Ceratitis capitata* (Diptera)*Epidiaspis piricola* (Homoptera)*Parlatoria oleae* (Homoptera)*Pseudococcus gahani* (Homoptera)*Rhagoletis cerasi* (?) (Diptera)*Rhagoletis pomonella* (Diptera)

MALVACEAE:

Minthea rugicollis (Coleoptera)

MAMMEA:

Anastrepha ludens (Diptera)*Anastrepha serpentina* (Diptera)

MANGIFERA:

Anastrepha ludens (Diptera)*Anastrepha mombinpraepensis* (Diptera)*Anastrepha serpentina* (Diptera)*Aulacaspis mangiferae* (Homoptera)*Dacus dorsalis* (Diptera)*Parlatoria crypta* (Homoptera)*Pseudaonidia trilobitiformis* (Homoptera)*Puto spinosus* (Homoptera)*Sternonchelus mangiferae* (Coleoptera)

MENTHA:

Phytomyza atricornis (?) (Diptera)

MESPILUS:

Parlatoria oleae (Homoptera)

MILTONIA:

Asterolecanium epidendri (Homoptera)

MONSTERA:

Pinnaspis buzi (Homoptera)

MUSA:

Cosmopolites sordidus (Coleoptera)*Dacus dorsalis* (Diptera)*Metamasius sericeus* (Coleoptera)*Prodenia eridania* (Lepidoptera)

MUSACEA:

Pentalonia nigronervosa (Homoptera)

MYRTUS:

Pulvinaria psidii (Homoptera)

NARCISSUS:

Lampetia equestris (Diptera)*Tarsonemus laticeps* (Acarina)

NERIUM:

Iridomyrmex humilis (Hymenoptera)

ODONTOGLOSSUM:

Puto ulter (Homoptera)

OLEA:

Dacus oleae (Diptera)*Laspeyresia splendana* (Lepidoptera)*Phloeotribus scarabaeoides* (Coleoptera)*Prays oleellus* (Lepidoptera)

ONCIDIUM:

Asterolecanium epidendri (Homoptera)*Chrysomphalus umboniferus* (Homoptera)*Furcaspis bififormis* (Homoptera)*Nasutitermes corniger* (Isoptera)*Pseudoparlatoria ostreata* (Homoptera)*Vinsonia stellifera* (Homoptera)

ONOBRYCHIS:

Bruchophagus onobrychidis (Hymenoptera)

OPERCULINA:

Aracercus viellardi (Coleoptera)*Sybra alternans* (Coleoptera)

OPUNTIA:

Ceratitis capitata (Diptera)

ORCHID:

Aonidiella marginipora (Homoptera)*Asterolecanium epidendri* (Homoptera)*Aufetus impressicollis* (Hemiptera)*Calligrapha diversa* (Coleoptera)*Capaneus tetricus* (Hemiptera)*Caulophilus latinasus* (Coleoptera)*Chelysoma variabilis* (Hemiptera)*Chrysomphalus odontoglossi* (Homoptera)*Chrysomphalus tenax* (Homoptera)*Chrysomphalus umboniferus* (Homoptera)*Corythucha spinosa* (Hemiptera)*Cryphula apicalis* (Hemiptera)*Cryphula apicatus* (Hemiptera)*Dacus dorsalis* (Diptera)*Dendrocoris variegatus* (Hemiptera)*Deroceras reticulatum* (Mollusca)*Diorymerellus laevimargo* (Coleoptera)*Eurytoma orchidearum* (Hymenoptera)*Exptochiomera albomaculata* (Hemiptera)*Exptochiomera confusa* (Hemiptera)*Farinococcus guatemalensis* (Homoptera)*Furcaspis bififormis* (Homoptera)*Galgapha punctifer* (Hemiptera)*Genuchinus v-notatus* (Coleoptera)*Geocoris flavilineus* (Hemiptera)*Icerya aegyptiaca* (?) (Homoptera)*Iridomyrmex glaber* (Hymenoptera)*Isochnus undatus* (Coleoptera)*Lamellaxis gracilis* (Mollusca)*Limax marginatus* (Mollusca)

Hosts and Insects—Continued

ORCHID—Continued

Mamurius mopsus (Hemiptera)
Monanthia monotropidia (Hemiptera)
Monomorium destructor (Hymenoptera)
Mormidea collaris (Hemiptera)
Myodocha longicollis (Hemiptera)
Nasutitermes corniger (Isoptera)
Neolobophora lugubris (Orthoptera)
Neolobophora ruficeps (Orthoptera)
Neuroctenus litiginus (Hemiptera)
Oedancala bimaculata (Hemiptera)
Oedotingis mexicanus (Hemiptera)
Oplomus rutilus (Hemiptera)
Orchidophilus aterrimus (Coleoptera)
Ozophora consanguineus (Hemiptera)
Pangaeus piceatus (Hemiptera)
Paromius longulus (Hemiptera)
Pheidole megacephala (Hymenoptera)
Phelypera distigma (Coleoptera)
Phlegyas annulicrus (Hemiptera)
Plagiodera semiovitata (Coleoptera)
Platycareus humilis (Hemiptera)
Pseudischaspis alienus (Homoptera)
Pseudoparlatoria ostreata (Homoptera)
Tempyra biguttula (Hemiptera)
Tenthecoris angustimarginatus (Hemiptera)
Tenthecoris bicolor (Hemiptera)
Tenthecoris confusus (Hemiptera)
Tenuirostritermes cinereus (Isoptera)
Tetranychus mariannae (Acarina)
Viola dissimilis (Hemiptera)
Viola divaricata (Hemiptera)
Vinsonia stellifera (Homoptera)
Zonitoides arboreus (Mollusca)

ORNITHOGALUM:

Epichorista ionephela (Lepidoptera)
Iridomyrmex humilis (Hymenoptera)
Xanthogramma calopus (Diptera)

ORYZA:

Chilo suppressalis (Lepidoptera)

PACHIRA:

Asterolecanium pustulans (Homoptera)

PALM:

Anidiella inornata (Homoptera)
Aspidiotus destructor (Homoptera)
Diaspis zamiae (Homoptera)
Pinnaspis buzi (Homoptera)

PANICUM:

Bolborcis variolosus (Hemiptera)

PASPALUM:

Diabrotica speciosa (Coleoptera)

PASSIFLORA:

Ceratitis capitata (?) (Diptera)

Rhagoletis cerasi (?) (Diptera)

PELARGONIUM:

Corythucha mcelfreshi (Hemiptera)
Homalodisca centrolineta (Homoptera)

PERSEA:

Anastrepha ludens (Diptera)
Aspidiotus diffinis (Homoptera)
Caulophilus latinasus (Coleoptera)
Ceratitis capitata (?) (Diptera)
Chrysomphalus personatus (Homoptera)
Conotrachelus aguacatae (Coleoptera)
Platycareus humilis (Hemiptera)
Pseudischaspis alienus (Homoptera)
Stenoma catenifer (Lepidoptera)

PHALARIS:

Eurygaster integriceps (Hemiptera)

PHASEOLUS:

Acanthoscelides armitagei (Coleoptera)
Acanthoscelides obelatus (Coleoptera)
Callosobruchus analis (Coleoptera)
Callosobruchus maculatus (Coleoptera)
Cerotoma atrofasciata (?) (Coleoptera)
Epinotia aporema (Lepidoptera)
Eberes comyntas (Lepidoptera)
Hedylepta indicata (Lepidoptera)
Maruca testulalis (Lepidoptera)
Pyrausta nubilalis (Lepidoptera)

PHILADELPHUS:

Coccus capparidis (Homoptera)

PHILODENDRON:

Cactophagus validirostris (Coleoptera)
Ferrisia virgata (Homoptera)
Neoleucon rubrotylus (Hemiptera)

PHILODENDRON—Continued

Paragonatas divergens (Hemiptera)
Pinnaspis buzi (Homoptera)
Tetraphana daphne (Lepidoptera)

PHYSALIS:

Heliothis subflexa (Lepidoptera)

PICEA:

Laspeyresia strobilella (Lepidoptera)

PINUS:

Leucaspis boewi (Homoptera)
Leucaspis pusilla (Homoptera)
Phenacaspis pinifoliae (?) (Homoptera)
"Poliaspis" pini (Homoptera)
Porthetria mathura (?) (Lepidoptera)
Pseudococcus pini (Homoptera)
Zygogramma lepidula (Coleoptera)

PIPER:

Pinnaspis theae (?) (Homoptera)

PIPTADENIA:

Callosobruchus analis (Coleoptera)

PISUM:

Lampides boeticus (Lepidoptera)

PLEUROTHALLIS:

Monomorium destructor (Hymenoptera)

PLUMERIA:

Coccus viridis (Homoptera)
Pulvinaria psidii (Homoptera)

PROTEA:

Iridomyrmex humilis (Hymenoptera)
Phenacoccus stelli (Homoptera)

PRUNUS AMYGDALUS:

Parlatoria oleae (Homoptera)

PRUNUS ARMENIACA:

Blissus diplopterus (Hemiptera)
Ceratitis capitata (Diptera)
Iridomyrmex humilis (Hymenoptera)

PRUNUS DOMESTICA:

Megalometis chiliensis (Coleoptera)

PRUNUS PERSICA:

Anastrepha fraterculus (Diptera)
Anastrepha ludens (Diptera)
Carposina sasakii (Lepidoptera)
Ceratitis capitata (Diptera)
Drasterius bimaculatus (Coleoptera)
Grapholitha molesta (Lepidoptera)
Megalometis chiliensis (Coleoptera)
Pantomorus godmani (Coleoptera)

PRUNUS PERSICA NECTARINA:

Ceratitis capitata (Diptera)

PRUNUS SP. (cherry):

Parlatoria theae (Homoptera)
Rhagoletis cerasi (Diptera)

PRUNUS SP.:

Ceroplastes japonica (Homoptera)
Parlatoria theae (Homoptera)

PSIDIUM:

Anastrepha fraterculus (Diptera)
Anastrepha mombinpraeoptans (Diptera)
Anastrepha striata (Diptera)
Anastrepha suspensa (Diptera)
Dacus dorsalis (Diptera)

PUNICA:

Ceratitis capitata (Diptera)
Cryptoblabes gnidiella (Lepidoptera)
Monosteira unicastata (Hemiptera)
Nezara heegeri (Hemiptera)
Siphoninus phillyreae (Homoptera)
Virachola tinia (?) (Lepidoptera)

PYRACANTHA

Stephanitis pyri (Hemiptera)

PYRUS:

Anastrepha fraterculus (Diptera)
Anastrepha ludens (Diptera)
Anastrepha mombinpraeoptans (Diptera)
Ceratitis capitata (Diptera)
Dacus tryoni (?) (Diptera)
Glycyphagus domesticus (Acarina)
Parlatoria oleae (Homoptera)

QUERCUS:

Chrysomphalus lilacinus (Homoptera)
Curculio q-griseae (Coleoptera)

RAUWOLFIA:

Conchaspis orchidarum (Homoptera)
Microcerotermes exidius (Isoptera)
Pinnaspis pattersoni (tentative) (Homoptera)

Hosts and Insects—Continued

RENANTHERA:

Parlatoria proteus (Homoptera)

RHODODENDRON:

Aleyrodes azaleae (Homoptera)

Arion ater (Mollusca)

Dialeurodes chittendeni (Homoptera)

Dialeurodes citri (Homoptera)

Gracilaria azaleella (Lepidoptera)

Lecanium coryli (Homoptera)

Psylla rhododendri (Homoptera)

Stephanitis pyrioides (Hemiptera)

ROSA:

Allantus cinctus (Hymenoptera)

Ardis sulcata (Hymenoptera)

Chrysomphalus tenax (?) (Homoptera)

Haplothrips gowdeyi (Thysanoptera)

Iridomyrmex humilis (Hymenoptera)

RUBUS:

Asterobemisia carpini (Homoptera)

RUTA:

Trialeurodes vaporariorum (Homoptera)

SACCHARUM:

Chile loftini (Lepidoptera)

Orydema fusiforme (Coleoptera)

"Targionia" *sacchari* (Homoptera)

Trionymus sacchari (Homoptera)

SAPOTE:

Anastrepha serpentina (Diptera)

Eutetranychus banksi (Acarina)

Trialeurodes variabilis (Homoptera)

SCHINUS:

Coccus viridis (Homoptera)

SCINDAPSUS:

Pinnaspis buxi (Homoptera)

SELAGINELLA:

Disonychia antennata (Coleoptera)

SOIL:

Agriotes limosus (Coleoptera)

Aleurocanthus woglumi (Homoptera)

Athous haemorrhoidalis (?) (Coleoptera)

Bemisia inconspicua (Homoptera)

Brachyrhinus porcatus (Coleoptera)

Glycyphagus domesticus (Acarina)

Limax marginatus (Mollusca)

Neosteingelia texana (Homoptera)

Pentalonia nigronervosa (Homoptera)

Peritrechus sylvestris (Hemiptera)

Pheidole megacephala (Hymenoptera)

Pyrrhocoris apterus (Hemiptera)

Sitona hispidula (Coleoptera)

SOLANUM MELONGENA:

Leucinodes orbonalis (Lepidoptera)

Neoleucinodes elegantalis (Lepidoptera)

Platynota rostrana (Lepidoptera)

Tyrophagus infestans (Acarina)

SOLANUM NIGRUM:

Pachyzancla periusalis (Lepidoptera)

SOLANUM TUBEROSUM:

Deroceras reticulatum (Mollusca)

Glycyphagus domesticus (Acarina)

SOLANUM SP.:

Gnorimoschema plaesiosema (Lepidoptera)

Leucinodes orbonalis (Lepidoptera)

Pyrausta nubilalis (Lepidoptera)

SORBUS:

Parlatoria oleae (Homoptera)

Puklinaria vitis (Homoptera)

SORGHUM:

Sesamia cretica (Lepidoptera)

SPONDIAS:

Anastrepha mombinpraeoptans (Diptera)

STENOTAPHRUM:

Antonina graminis (Homoptera)

Bradybaena similis (Mollusca)

Pheidole megacephala (Hymenoptera)

Pseudococcus boninensis (Homoptera)

STRELITZIA:

Bradybaena similis (Mollusca)

Phenacaspis sandwicensis (Homoptera)

Pinnaspis buxi (Homoptera)

Sybra alternans (Coleoptera)

SYRINGA:

Adoxophyes orana (Lepidoptera)

TAMARINDUS:

Caryedon fuscus (Coleoptera)

TERMINALIA:

Dacus dorsalis (Diptera)

THEOBROMA:

Asterolecanium pustulans (Homoptera)

TILIA:

Lecanium corni (Homoptera)

TILLANDSIA:

Chrysomphalus decorosus (Homoptera)

Diabrotica lepida (Coleoptera)

Isorhinus undatus (Coleoptera)

Monanthia monotropidia (Hemiptera)

TRIFOLIUM:

Oligonychus peruvianus (Acarina)

Seionothrips rubrocinctus (Thysanoptera)

Tetranychus desertorum (Acarina)

TRITICUM:

Glycyphagus domesticus (Acarina)

Trogoderma granarium (Coleoptera)

Trogoderma parabile (Coleoptera)

TULIPA:

Anuraphis tulipae (Homoptera)

Rhopalosiphoninus tulipaella (Homoptera)

ULMUS

Galerucella xanthomelaena (Coleoptera)

VANDA:

Bradybaena similis (Mollusca)

Conoderus exsul (Coleoptera)

Orchidophilus aterrimus (Coleoptera)

Orydema fusiforme (Coleoptera)

Pantomorus godmani (Coleoptera)

Parlatoria pseudaspidiolus (Homoptera)

Plusia chalcitis (?) (Lepidoptera)

VERBENA:

Nezara viridula (Hemiptera)

VIBURNUM:

Frauenfeldtiella jelinekii (Homoptera)

VICIA:

Apion pomonae (Coleoptera)

Brachyrhinus ovatus (Coleoptera)

Bruchus brachialis (Coleoptera)

Bruchus guttalis (Coleoptera)

Bruchus luteicornis (Coleoptera)

Bruchus tristis (Coleoptera)

Bruchus ulicis (Coleoptera)

VIGNA:

Callosobruchus maculatus (Coleoptera)

Callosobruchus marshalli (Coleoptera)

Fundella pellucens (Lepidoptera)

VIOLA:

Dasyneura affinis (Diptera);

VITIS:

Carbula litigatrix (Hemiptera)

Eurydema oleraceum (Hemiptera)

Iridomyrmex humilis (Hymenoptera)

Leptoglossus chilensis (Hemiptera)

Metamasius sericeus (Coleoptera)

Naupactus canthographus (Coleoptera)

Nezara viridula (Hemiptera)

Nodonota tristis (Coleoptera)

Pantomorus godmani (Coleoptera)

Phlyctinus callosus (Coleoptera)

Polychrosis botrana (Lepidoptera)

VOANDEZIA:

Callosobruchus maculatus (Coleoptera)

VRIESIA:

Chrysomphalus personatus (Homoptera)

ZANTEDESCHIA:

Amorbia emigratella (?) (Lepidoptera)

Ligyrocoris abdominalis (Hemiptera)

ZEA:

Phyllactrus subsulcata (Coleoptera)

Pyrausta nubilalis (Lepidoptera)

Sesamia cretica (Lepidoptera)

ZELKOVA:

Puklinaria horii (Homoptera)

ZINGIBER:

Palaeopus costicollis (Coleoptera)

ZINNIA:

Homoeosoma electellum (Lepidoptera)

Prodenia eridania (Lepidoptera)

Hosts Unknown

AIRPLANE:

Adoretus sinicus (Coleoptera)
Algarobius prosopis (Coleoptera)
Aphis citricidus (Homoptera)
Arcte caerulea (Lepidoptera)
Aufesius impressicollis (Hemiptera)
Autoserica castanea (Coleoptera)
Cassida circumdata (Coleoptera)
Chrysopera combinans (Lepidoptera)
Conoderus pallipes (Coleoptera)
Coptotermes formosanus (Isoptera)
Crenotiades stramineus (Hemiptera)
Dacus dorsalis (Diptera)
Diabrotica brevilineata (Coleoptera)
Iridomyrmex humilis (Hymenoptera)
Mimosolestes sallaei (Coleoptera)
Mniothripa lichenigera (Lepidoptera)
Neoscatella seznottata (Diptera)
Nephotettix apicalis (Homoptera)
Nesosteles incisus (Homoptera)
Nomophila noctuella (Lepidoptera)
Nymphula fluctuosalis (Lepidoptera)
Nysius californicus (Hemiptera)
Nysius dallasi (Hemiptera)
Nysius raphanus (Hemiptera)
Odontoloxozus longicornis (Diptera)
Onthophagus incensus (Coleoptera)
Opshomala vitreipennis (Orthoptera)
Opstus stactogalus (Homoptera)
Pachodynerus nasutius (Hymenoptera)
Pachybrachius nigriceps (Hemiptera)
Paratrioza cockerelli (Homoptera)
Passalococcus luzonensis (Hymenoptera)
Pentacora signoretti (Hemiptera)
Perkinsiella saccharicida (Homoptera)
Perkinsiella vitiensis (Homoptera)
Phyllophaga congrua (Coleoptera)
Phyllotreta aeneicollis (Coleoptera)
Plusia chalcites (Lepidoptera)
Prodenia litura (Lepidoptera)
Psara licarsialis (Lepidoptera)
Scaphoideus alborivittatus (Homoptera)
Schoenobius incertulus (Lepidoptera)
Sidemia depravata (?) (Lepidoptera)
Spodoptera mauritia (Lepidoptera)
Sybra alternans (Coleoptera)
Texananus spatulatus (Homoptera)

BAGGAGE:

Adoretus sinicus (Coleoptera)
Cryptotermes brevis (Isoptera)
Cylas formicarius (Coleoptera)
Pantomorus godmani (Coleoptera)

BEAN:

Callosobruchus maculatus (Coleoptera)
Prostephanus truncatus (Coleoptera)

BONE MEAL:

Nodonota tristis (Coleoptera)

BULB:

Glycyphagus domesticus (Acarina)

CANE:

Lyctus africanus (Coleoptera)

FLOWERS:

Dynatopechus calandroides (Coleoptera)
Iridomyrmex humilis (Hymenoptera)
Pantomorus godmani (Coleoptera)
Prodenia eridania (Lepidoptera)
Prodenia ornithogalli (Lepidoptera)
Sybra alternans (Coleoptera)
Systole geniculata (Hymenoptera)

GRAIN:

Callosobruchus analis (Coleoptera)
Trogoderma granarium (Coleoptera)
Trogoderma parabile (Coleoptera)

HERB:

Brachyrhinus ovalis (Coleoptera)
Mamestra brassicae (Lepidoptera)
Phenacoccus solenopsis (Homoptera)
Tetraleurodes ursorum (Homoptera)

LAVA ROCK:

Zonitoides arboreus (Mollusca)

LEAF:

Adoretus sinicus (Coleoptera)
Aspidiotus destructor (Homoptera)
Asterolecanium pustulans (Homoptera)
Bemisia inconspicua (Homoptera)
Chrysomphalus tenax (Homoptera)
Protopulvinaria pyrifomis (Homoptera)
Tetraleurodes acaciae (Homoptera)
Tetraleurodes ursorum (Homoptera)
Tetraleurodes variabilis (Homoptera)

LEGUME:

Callosobruchus maculatus (Coleoptera)
Tetraleurodes acaciae (Homoptera)

PAPER:

Cryptotermes brevis (Isoptera)

PLANT:

Dysdercus mimulus (Hemiptera)
Eryptochloera confusa (Hemiptera)
Ferrisia virgata (Homoptera)
Iridomyrmex humilis (Hymenoptera)
Isohrinus undatus (Coleoptera)
Limax marginatus (Mollusca)
Limax maximus (Mollusca)
Pseudonidia clavigera (Homoptera)
Pygopleurus vulpes probably *chrysonota* (Coleoptera)
Tetraleurodes ursorum (Homoptera)
Xerophilaspis prosopidis (Homoptera)

QUARTERS:

Melipotis famelica (Lepidoptera)

RAILWAY CAR—REFRIGERATOR:

Dysdercus obliquus (Hemiptera)
Theba pisana (Mollusca)

SUCCULENT:

Peridroma margaritosa (Lepidoptera)

SUITCASE:

Adoretus sinicus (Coleoptera)

SEED POD:

Fundella pellucens (Lepidoptera)

TRACTOR:

Helix nemoralis (Mollusca)

TREE:

Bradybaena similis (Mollusca)

WOOD:

Heterobostrychus aequalis (Coleoptera)
Lyctus brunneus (Coleoptera)
Micrapate labialis (Coleoptera)
Prostephanus truncatus (Coleoptera)
Sinoxylon anale (Coleoptera)
Sinoxylon ceratoniae (Coleoptera)
Sinoxylon conigerum (Coleoptera)
Trogosylon aequale (Coleoptera)

WRAPPING PAPER:

Adoretus sinicus (Coleoptera)
Cryptotermes brevis (Isoptera)
Lyctus brunneus (Coleoptera)
Orydema fusiforme (Coleoptera)
Pantomorus godmani (Coleoptera)
Sybra alternans (Coleoptera)

Countries of Origin and Insects

AFGHANISTAN:

Bruchus brachialis
Bruchus lentis
Bruchus ulicis
Callosobruchus analis
Oryzarenus hyalinipennis
Systole geniculata
Trogoderma granarium

ALGERIA:

Ceratitis capitata (?)
Parlatoria oleae
Sesamia cretica

ANGOLA:

Ceratitis capitata (?)
Olethreutes leucotreta

ANGUILLA:

Ancylostomia stercorrea

ANTIGUA:

Pulvinaria psidii
Trionymus sacchari

ARGENTINA:

Aleurothrixus floccosus
Anastrepha fraterculus
Parlatoria cinerea
Pseudonidia trilobitiformis

ARUBA:

Leucaspis cockerelli
Unaspis citri

ASIA:

Minthea rugicollis

Countries of Origin and Insects—Continued

AUSTRALIA:

Aspidiotus australiensis
Bromeliaemiris puncticollis
Dacus tryoni (?)
Deroceras reticulatum
Frankliniella schultzei
Iridomyrmex glaber
Lepidosaphes tuberculata
Nezara viridula
Nysius cleavelandensis
Orycaenus bicolor
Tyrophagus infestans

AUSTRIA:

Eurydema oleraceum
Glycyphagus domesticus

AZORES

Bruchus azoricus (?)
Ceratitis capitata
Glycyphagus domesticus
Helix aspersa
Limax marginatus (?)
Rhagoletis cerasi (?)

BAHAMAS:

Crenidorsum commune
Melipotis famelica
Phenacoccus gossypii
Protopulvinaria pyriformis
 "Targionia" sacchari

BELGIAN CONGO:

Olethreutes leucotreta
Pinnaspis pattersoni (tentative)

BELGIUM:

Aleyrodes azaleae
Anuraphis tulipae
Barathra brassicae
Bruchus brachialis
Deroceras reticulatum
Napomyza lateralis
Phytomyza rufipes

BERMUDA:

Antonina graminis
Bradybaena similis
Bruchus tristis
Coccus viridis
Haplothrips gowdeyi
Homoeosoma electellum
Iridomyrmex humilis
Kalotermes snyderi
Nezara viridula
Pentalonia nigronervosa
Peridroma margaritosa
Pheidole megacephala
Phenacoccus gossypii
Prodenia eridania
Prodenia ornithogalli
Pseudococcus boninensis
Unaspis citri

BRAZIL:

Acanthoscelides armilatus
Anastrepha fraterculus
Anastrepha mombinpraeoptans
Anastrepha serpentina
Asterolecanium epidendri
Aulacaspis mangiferae
Bephrata maculicollis
Bradybaena similis
Callosobruchus analis
Callosobruchus maculatus
Ceratitis capitata
Cercanota anonella
Chrysomphalus personatus
Diabrotica speciosa
Dinoderus bifoveolatus
Euscepes postfasciatus
Gymnandrosoma aurantianum
Maruca testualis
Micrapate labialis
Microtheba ochrotoma
Neoleucinodes elegantalis
Parlatoria cinerea
Pectinophora gossypiella
Pseudonidia trilobitiformis
Stenoma catenifer
Tyrophagus infestans

BRITISH GUIANA:

Morganella longispina

BRITISH GUIANA—Continued

Parlatoria zizyphus

BRITISH HONDURAS:

Vinsonia stellifera

CANADA:

Agriotes limosus
Allantus cinctus
Athous haemorrhoidalis (?)
Brachyrhinus ovatus
Brachyrhinus rugosostriatus
Bruchus brachialis
Galerucella ranthomelaena
Lecanium fletcheri
Parlatoria oleae
Phenacaspis pinifoliae (?)
Philaenus leucophthalmus
Sitona hispidula

CANAL ZONE:

Ancylostoma stercora
Aspidiotus destructor
Asterolecanium epidendri
Brevipalpus phoenicis
Chrysomphalus personatus
Chrysomphalus umboniferus
Conchaspis orchidarum
Furcaspis biformis
Galgupha punctifer
Leucaspis cockerelli
Megalocysta gibbifera
Nasutitermes corniger
Odonaspis ruthae
Parlatoria pseudaspidiotus
Pheidole megacephala
Platynota rostrana (?)
Pseudonidia trilobitiformis
 "Targionia" hartii
Tenthecoris bicolor
Tenthecoris distinguendus
Tenuipalpus pacificus
Unaspis citri
Vilga dissimilis
Vilga divaricata
Vinsonia stellifera
Zonitoides arboreus

CANARY ISLANDS:

Gnorimoschema ocellatella
Leucaspis pusilla

CAPE VERDE ISLANDS:

Callosobruchus maculatus
Caryedon fuscus

CAYMAN ISLANDS:

Aspidiotus destructor

CENTRAL AMERICA:

Iridomyrmex humilis
Phyllophaga congrua
Stenoma catenifer

CEYLON:

Fureaspis biformis
Parlatoria pseudaspidiotus

CHILE:

Deroceras reticulatum
Leptoglossus chilensis
Megalometis chilensis
Metamasius sericeus
Naupactus xanthographus
Nezara viridula
Nodonota tristis
Pantomorus godmani

CHINA:

Aonidiella inornata
Callosobruchus maculatus
Chrysomphalus diversicolor (tentative)
Fulvius brevicornis
Heterobostrychus aequalis
Lyctus brunneus
Paratetranychus pratensis

COLOMBIA:

Agonum rugulosus
Anastrepha fraterculus
Anastrepha serpentina
Draeculacephala clypeata
Leucaspis cockerelli
Microceroterms exidius
Nysius californicus
Ochterus perbosci

Countries of Origin and Insects—Continued

COLOMBIA—Continued

Pinnaspis buxi
Unaspis citri

COSTA RICA:

Anastrepha mombinpraeoptans
Anastrepha striata
Asterolecanium epidendri
Chrysomphalus umboniferus
Deroceras reticulatum
Furcaspis bifurmis
Limax marginatus
Pentalonia nigronervosa
Phelomerus aberrans
Pseudoschnaspis alienus
Tetranychus mariannae
Tetranychus daphne

CUBA:

Anastrepha mombinpraeoptans
Aspidiotus destructor
Asterolecanium epidendri
Coccus viridis
Cylas formicarius elegantulus
Dialeurodes citrifolii
Gynaikothrips ficorum
Hedylepta indicata
Lamellazis gracilis
Parlatoria cinerea
Pheidole megacephala
Phyllotreta aeneicollis
Pinnaspis buxi
Platynota rostrana
Prodenia eridania
Pibua innozia
Selenothrips rubrocinctus
"Targionia" hartii
Unaspis citri
Vinsonia stellifera

CYPRUS:

Ceratitis capitata

DOMINICA:

Aonidiella comperi
Protopulvinaria longivalvata
Pseudaonidia trilobitiformis
Unaspis citri
Vinsonia stellifera

DOMINICAN REPUBLIC:

Aleurothrixus floccosus
Anastrepha mombinpraeoptans
Ancylostoma stercora
Platynota rostrana

ECUADOR:

Anastrepha serpentina
Bemisia inconspicua
Deroceras reticulatum
Metamasius sericeus
Stenomus catenifer

EGYPT:

Agrotis ypsilon
Ceratitis capitata
Gnorimoschema ocellatella
Hypera brunneipennis
Nodona tristis
Sinorhynchos ceratoniae
Tyrophagus infestans

ENGLAND:

Adoxophyes orana
Aleuroplatus plumosus
Anuraphis tulipae
Barathra brassicae
Brachyrhinus sulcatus
Callosobruchus maculatus
Dasyneura affinis
Deroceras reticulatum
Dialeurodes chittendeni
Eriophyes canestrinii
Frauenfeldtiella jelinekii
Helix nemoralis
Lampetia equestris
Laspeyresia splendana
Limax maximus
Periphyllus californiensis
Phytomyza atricornis (?)
Phytomyza rufipes
Pinnaspis buxi
Psylla buxi
Puletharia vitis

ENGLAND—Continued

Pyrausta nubilalis
Taeniothrips vulgarissimus

ENIWETOK:

Lepidosaphes esakii
Texananus spatulatus

ENIWETOK (?):

Perkinsteella saccharicida

EUROPE:

Rhagoletis cerasi

FIJI ISLANDS:

Aspidiotus palmarum
Perkinsteella vittensis
Sternonchetus mangiferae
Xylothrips religiosus

FORMOSA:

Parlatoria zizyphus
Trogoderma granarium

FRANCE:

Asterobemisia carpinis
Barathra brassicae
Bruchus brachialis
Bruchus guttalis
Bruchus lentis
Bruchus luteicornis
Ceratitis capitata
Chrysomphalus personatus
Deroceras reticulatum
Gortyna flavago
Lampetia equestris
Parlatoria zizyphus
Phytomyza rufipes
Polychrosis botrana
Rhagoletis cerasi

GERMANY:

Acrolepis assectella
Ardis sulcata
Argyrothrips confugella
Aspidiotus pyri
Baris lepidus
Brachyrhinus porcatus
Deroceras reticulatum
Epidiaspis piriicola
Lampetia equestris
Laspeyresia strobilella
Leucaspis loewi
Limax marginatus
Phalonia zephyrana
Phytomyza rufipes
Rhagoletis cerasi
Sitona hispidula
Theba pisana

GOLD COAST:

Leucinodes orbonalis
Xyloperthella crinitarsis

GREECE:

Anuraphis cardui
Bruchus ervi
Bruchus lentis
Callosobruchus maculatus
Capitophorus chrysanthemi
Ceratitis capitata
Curculio elephas
Dacus oleae
Haplothrips cottei
Oreillus depressus
Parlatoria oleae
Sesamia cretica
Siphonius phyllireae
Stephanitis pyri
Unaspis euonymi

GRENADA:

Asterolecanium pustulans
Callosobruchus phaseoli

GUAM:

Aonidiella inornata
Asterolecanium pustulans
Cassida circumdata
Conoderus pallipes
Dacus dorsalis
Lepidosaphes esakii
Pachodynerus nasidens
Prodenia litura
Pseudaonidia clavigera

Countries of Origin and Insects—Continued

GUATEMALA:

Anastrepha ludens
Anastrepha mombinpraeoptans
Anastrepha serpentina
Aulacaspis mangiferae
Chrysomphalus umboniferus
Deroceras reticulatum
Farinococcus guatemalensis
Galgupha punctifer
Limax marginatus
Metamasius sericeus
Oligonychus peruvianus
Ortholomus jamaicensis (?)
Protopulvinaria longivalvata
Puto ulter
Tetranychus desertorum
Vinsonia stellifera

HAITI:

Anastrepha mombinpraeoptans
Coccus viridis
Haplothrips gowdeyi
Parlatoria zizyphus
Systole geniculata

HAWAII:

Adoretus sinicus
Algarobius prosopis
Amorbia emigratella
Aphis citricidus
Araceus rieillardii
Asterolecanium pustulans
Atractomorpha ambigua
Bradybaena similis
Caryedon fuscus
Ceratitis capitata
Cero-plastes rubens
Coccus capparidis
Coccus viridis
Conoderus exsul
Coptotermes formosanus
Cryptophlebia illepidia
Cryptotermes brevis
Cylas formicarius
Dacus cucurbitae
Dacus dorsalis
Deroceras reticulatum
Diocalandra taitensis
Dynatospechus calandroides
Ereunetis flavistriata
Euscepes postfasciatus
Furcaspis biformis
Lampides boeticus
Lepidosaphes tokionis
Lycus brunneus
Maruca testulalis
Mauria subnotatus
Megacerus alternatus
Mimosestes sallaei
Neoscalella seznotata
Nomophila noctuella
Nysius dallasi
Omphisa anastomosalis
Onthophagus incensus
Opogona purpuritella
Orchidophilus aterrimus
Oxydema fusiforme
Oxydema longulus
Pantomorus godmani
Parlatoria crotonis
Parlatoria pseudaspidiotus
Passalococcus luzonensis
Pealius hibisci
Pectinophora gossypiella
Pentalonia nigronervosa
Perkinsiella saccharicida
Phenacaspis sandwicensis
Pinnaspis hui
Plusia chalcites
Pseudoanidia clavigera
Pseudococcus palmarum
Pulvinaria psidii
Sclenothrips rubrocinctus
Spodoptera mauritia
Sternonchus mangiferae
Sybra alternans
Tetranychus cucurbitae

HAWAII—Continued

Trionymus sacchari
Zonitoides arboreus

HONDURAS:

Anastrepha mombinpraeoptans
Chrysomphalus umboniferus
Furcaspis biformis
Ligyrocotis abdominalis
Metamasius sericeus
Pheldole megacephala
Prodenia eridania
Pseudischinaspis alienus
Pseudoparlatoria ostreata
Tenthetoris confusus
Zonitoides arboreus

INDIA:

Aceria tulipae
Asterolecanium epidendri
Brevipalpus phoenicis
Callosobruchus analis
Caryedon fuscus
Cylas formicarius
Cylas formicarius formicarius
Dinoderus brevis
Ferrisia virgata
Heterobostrychus aequalis
Minthea rugicollis
Monomorium destructor
Omphisa anastomosalis
Sinozygon conigerum
Sternonchus mangiferae
Tetranychus piercei
Trogoderma granarium

INDONESIA:

Callosobruchus analis
Coccus viridis
Pinnaspis theae (?)

IRAN:

Bruchus lentis
Bruchus tristis

IRAQ:

Callosobruchus maculatus
Eurygaster integriceps

IRELAND:

Arion ater
Deroceras reticulatum
Tarsonemus laticeps

ISRAEL:

Ceratitis capitata
Gnorimoschema ocellatella
Oryctareus hyalinipennis
Virachola livia (?)

ITALY:

Acrolepia assectella
Anuraphis cardui
Aspidiotus hedericola
Barathra brassicae
Brachycerus albidentatus
Brachycerus algeris
Brevipalpus australis
Brevipalpus phoenicis
Bruchidius gilvus
Bruchus eroi
Bruchus signaticornis
Bruchus tristis
Bruchus tristis
Callosobruchus maculatus
Ceratitis capitata
Cero-plastes ruscii
Cero-plastes sinensis
Cryptoblabes gnidiella
Curculio elephas
Dacus oleae
Deroceras reticulatum
Diaspis zamiae
Dicyphus annulatus
Drasterius bimaculatus
Dyspessa ulula
Epidiaspis piricola
Forficula decipiens
Helix aspersa
Hemimene juliana
Iridomyrmex humilis
Kaloterme flavicollis
Lampetia equestris
Laspeyresia splendana

Countries of Origin and Insects—Continued

ITALY—Continued

Leucaspis loewi
Lixus junci
Monosteira unicastata
Nemapogon granella
Nezara heegeri
Parlatoria oleae
Parlatoria zizyphus
Phalonia zephyrana
Phloeotribus scarabaeoides
Pieris brassicae
Polychrosis botrana
Prays oleellus
Pseudococcus gahani
Pygopleurus vulpes, probably *chrysonota*
Pyrausta nubilalis
Rhagoletis cerasi
Sesamia cretica
Theba pisana

JAMAICA:

Anastrepha mombinpraeoptans
Asterolecanium epidendri
Chrysomphalus tenax
Coccus viridis
Deroceras reticulatum
Fundella pellucens
Furcaspis biformis
Maruca testulalis
Monomorium destructor
Palaeopus costicollis
Pectinophora gossypiella
Pseudoparlatoria ostreata
Vinsonia stellifera

JAPAN:

Aleurotuberculatus similis
Aleyrodes azaleae
Aonidiella inornata
Aonidiella marginipora
Arcte caerulea
Aspidiotus degeneratus
Bradybaena similis
Callosobruchus analis
Callosobruchus maculatus
Carposina sasaki
Ceroplastes japonica
Chilo suppressalis
Chrysomphalus bifasciculatus
Conoderus pallipes
Coptotermes formosanus
Cylas formicarius formicarius
Dialeurodes citri
Eumerus tuberculatus
Glycyphagus domesticus
Grapholitha molesta
Laspeyresia splendana
Lepidosaphes pallida
Lepidosaphes tuberculata
Limax marginatus (?)
Maruca testulalis
Nephotettix apicalis
Nesosteles incisus
Nysius dallasi
Odonaspis secreta
Parlatoria camelliae
Parlatoria theae
Parlatoria zizyphus
Pectinophora gossypiella
Phenacaspis aucubae
"Poliaspis" pini
Porthetria mathura (?)
Prodenia litura
Pseudococcus matsumotoi
Pseudococcus pini
Pulvinaria korii
Pyrausta nubilalis
Scaphoideus albivittatus
Schoenobius incertulus
Stephanitis pyrioides
Unaspis yanonensis

JAPAN (?) :

Autoserica castanea
Trogoxylon aequale

KENYA:

Callosobruchus maculatus
Callosobruchus marshalli
Callosobruchus phaseoli

KOREA:

Chilo suppressalis

KWAJALEIN:

Chrysopera combinans
Lepidosaphes esakii
Mniotricha lichenigera
Pachybrachius nigriceps

LEBANON:

Aceria tulipae
Bruchus ervi
Bruchus tristis
Dacus oleae
Dialeurodes kirkaldyi

LIBERIA:

Leucinodes orbonalis

MADEIRA ISLANDS:

Glycyphagus domesticus

MALTA:

Ceratitis capitata

MARTINIQUE:

Ferrisia virgata

MARTINIQUE (?) :

"*Targionia*" *sacchari*

MEXICO:

Acanthoscelides obvelatus
Aleurocanthus woglumi
Aleuroparadozus gardeniae
Aleuroplatus coccolus
Aleurothrix floccosus
Alpheias conspirata
Amorbia emigratella
Anastrepha fraterculus
Anastrepha ludens
Anastrepha mombinpraeoptans
Anastrepha serpentina
Anastrepha striata
Aspidiotus destructor
Aspidiotus diffinis
Asterolecanium bambusae
Asterolecanium epidendri
Asterolecanium pustulans
Aufeis impressicollis
Aulacoscelis melanocera
Brevipalpus phoenicis
Cacographis osteolalis
Cactophagus validirostris
Calligrapha diversa
Capaneus tetricus
Caulophilus latinasus
Ceratomyza atrofasciata (?)
Chelysoma variabilis
Chilo loftini
Chrysomphalus decorosus
Chrysomphalus lilacinus
Chrysomphalus odontoglossi
Chrysomphalus personatus
Chrysomphalus sphaerioides
Chrysomphalus tenax (?)
Chrysomphalus tingi
Chrysomphalus umboniferus
Conotrachelus aguacatae
Corythucha mclfreshi
Corythucha spinosa
Cosmopolites sordidus
Chryphula apicalis
Chryphula apicatus
Curculio q-griseae
Cylas formicarius elegantulus
Dendrocoris variegatus
Diabrotica lepida
Diorymerellus laevimargo
Disonycha antennata
Dysdercus concinnus
Dysdercus mimulus
Dysdercus obliquus
Epinotia aporema
Eurytoma orchidearum
Eutetranychus banksi
Everes comyntas
Evergestis rimosalis
Erptochiomeria albomaculata
Erptochiomeria confusa
Farinococcus guatemalensis
Genuchinus v-notatus
Geocoris flavilineus
Gnorimoschema gudmannella

Countries of Origin and Insects—Continued

MEXICO—Continued

Grapholitha packardii
Heliothis subflexa
Helix aspersa
Homalodisca centrolineata (?)
Hypera brunneipennis
Icerya aegyptiaca (?)
Isorhinus undatus
Lepidosaphes philococcus
Leucoptera coffeella
Ligyrocoris abdominalis
Ligyrocoris aurivilliana
Lygaeus uhleri
Lygus lineolaris
Mamurius mopsus
Metamasius sericeus
Micrapate labialis
Monanthia monotropidia
Mormidea collaris
Myochrous carinatus
Myodocha longicollis
Neoleucinodes elegantalis
Neoleucon rubrotylus
Neolobophora lugubris
Neolobophora ruficeps
Neosteingelia texana
Neuroctenus litigiosus
Noella floridula
Nysius raphanus
Odontolozozus longicornis
Oedancala bimaculata
Oedotzingis mexicanus
Oplomus rutilus
Opsius stactogalus
Orthezia pseudinsignis
Oscinella dampfi
Oxygryllus ruginasus
Ozophora consanguineus
Pachodynerus nasidens
Pangaueus piceatus
Pangaueus rugifrons
Paragonatates divergens
Paratrioza cockerelli
Parlatoria cinerea
Paromius longulus
Pectinophora gossypiella
Pentacora signoretii
Pentalonia nigronervosa
Peridroma margaritosa
Phelypera distigma
Phenacoccus gossypii
Phenacoccus solenopsis
Phlegyas annulicrus
Phyllethrus subsulcata
Phyllostreta aeneicollis
Plagioderma semivittata
Platycarenum humilis
"Poliaspis" pini
Prodenia eridania
Prostephanus truncatus
Pseudischchnaspis alienus
Reticulitermes flavipes
Rhagoletis pomonella
Sisamnes contractus
Stenomoma catenifer
Talponia batesi
Tapinaspis wesmaeli
"Targionia" bromeliae
Tempyra biguttula
Tenthecoris angustimarginatus
Tenthecoris bicolor
Tenthecoris confusus
Tenuirostritermes cinereus
Tetraleurodes acaciae
Tetraleurodes ursorum
Thecla ziba
Trialeurodes variabilis
Trialeurodes vaporariorum
Trialeurodes vitrinellus
Trogoderma granarium
Trogoderma parabile
Trogorylon prostomoides
Unaspis citri
Xerophilaspis prosopidis
Zonitoides arboreus
Zygogramma lepidula

MIDWAY:

Arcte caerulea
Conoderus pallipes

MONTSERRAT:

Ancylostoma stercorea
Coccus viridis
Cylas formicarius elegantulus

MOROCCO:

Bruchus lentis
Ceratitis capitata

NETHERLANDS:

Adoxophyes orana
Allantus cinctus
Anuraphis tulipae
Barathra brassicae
Deroceras reticulatum
Dialeurodes chittendeni
Eriophyes canestrinii
Gracilaria azaleella
Lampetia equestris
Lecanium corni
Lecanium coryli
Periphyllylus californiensis
Phytomyza rufipes
Rhopalosiphoninus tulipaella
Sitona lineata
Theba pisana (?)

NEW GUINEA:

Pheidole megacephala

NEW ZEALAND:

Deroceras reticulatum

NICARAGUA:

Anastrepha ludens
Anastrepha mombinpraeoptans
Anastrepha serpentina
Ferrisia virgata
Leucaspis cockerelli

NIGERIA:

Callosobruchus maculatus
Parlatoria zizyphus
"Targionia" hartii

NORTHERN IRELAND:

Lampetia equestris

NORWAY:

Argyresthia conjugella
Laspeyresia strobilella
Limax maximus

PAKISTAN:

Callosobruchus maculatus
Parlatoria crypta
Sinorylon anale

PANAMA:

Anastrepha mombinpraeoptans
Aspidiotus destructor
Furcaspis biformis
Lepidosaphes tokionis
Pentalonia nigronervosa
Pulvinaria psidii
Stenomoma catenifer

PARAGUAY:

Caryedon fuscus

PERU:

Anastrepha fraterculus
Coptotermes testaceus
Epinotia aporema
Gnorimoschema plaesiosema
Parlatoria cinerea

PHILIPPINES:

Aspidiotus palmarum
Aulacaspis mangiferae
Callosobruchus maculatus
Caryedon fuscus
Ferrisia virgata
Lygaeus pulchellus
Nephotettix apicalis
Nymphula fluctuosalis
Parlatoria zizyphus
Pheidole megacephala
Pseudonidia trilobitiformis
Pseudococcus lilacinus
Puto spinosus

PORTUGAL:

Apion pomonae
Ceratitis capitata
Deroceras reticulatum
Laspeyresia splendana

Countries of Origin and Insects—Continued

PORTUGAL—Continued

Limax marginatus
Phytomyza atricornis (?)

PUERTO RICO:

Anastrepha mombinpraeoptans
Anastrepha suspensa
Aspidiotus herculeanus
Asterolecanium pustulans
Conchaspis orchidarum
Cryptolermes brevis
Cylas formicarius elegantulus
Maruca testulalis
Pachyzancla periusalis

RHODESIA:

Carbula damalis
Specularius impressithorax

ST. KITTS:

Ancylostoma stercorea
Asterolecanium militaris robustum (?)
 "Targionia" hartii
Tetranychus tumidus

ST. VINCENT:

Acanthoscelides armitagei

SALVADOR:

Anastrepha ludens
Anastrepha mombinpraeoptans
Anastrepha serpentina
Aulacaspis mangiferae
Farinococcus guatemalensis
Stenoma catenifer
Vinsonia stellifera

SCOTLAND:

Gelechia ericetella
Lecanium coryli
Orthotylus ericetorum
Scolopostethus decoratus
Strophosoma limbatus
Strophosoma melanogrammum
Tingis cardui (?)

SOUTH PACIFIC:

Pachybrachius nigriceps

SPAIN:

Bemisia inconspicua
Brachycerus algeris
Ceratitis capitata
Cryptoblabes gnidiella
Lampides boeticus
Laspeyresia splendana
Parlatoria zizyphus
Peridroma margaritosa

SPANISH MOROCCO:

Ceratitis capitata

SWEDEN:

Deroceras reticulatum
Hylemya floralis
Peritrechus sylvestris
Phytomyza rufipes
Rhagoletis cerasi

SWITZERLAND:

Psylla rhododendri

SYRIA:

Bruchus ervi

TAHITI:

Brevipalpus phoenicis
Morganella longispina

THAILAND:

Leucinodes orbonalis
Monomorium destructor
Parlatoria proteus
Parlatoria pseudaspidiotus

TOBAGO:

Asterolecanium epidendri

TRANSVAAL:

Bolbocoris variolosus

TRINIDAD:

Callosobruchus maculatus
Cerconota anonella
Chrysomphalus tenax
Coccus viridis
Eucalandra setulosa
Lepidosaphes tokionis
Leucaspis cockerelli
Maruca testulalis
Monomorium destructor
Parlatoria cinerea
Pectinophora gossypiella
Pinnaspis buxi
Protopulvinaria longivalvata
Pseudaonidia trilobitiformis
Pulvinaria psidii
Puto barberi
Unaspis citri
Vinsonia stellifera

TURKEY:

Bruchophagus onobrychidis
Sesamia cretica

UNION OF SOUTH AFRICA:

Blissus diplopterus
Callosobruchus marshalli
Carbula litigatrix
Chionaspis diosomae
Deroceras reticulatum
Epichorista ionephela
Iridomyrmex humilis
Odonaspis ruthae
Olethreutes leucotreta
Pantomorus godmani
Parlatoria cinerea
Phenococcus stelli
Phytococcus callosus
Xanthogramma calopus

UNKNOWN:

Bruchus tristis
Ceratitis capitata
Conoderus pallipes
Crenolabes stramineus
Diabrotica brevilineata
Epidiaspis piricola
Eriococcus araucariae
Lycius africanus
Nephotettix apicalis
Opshomala vitreipennis
Parlatoria zizyphus
Prodenia litura
Psylla buxi
Pyrrhocoris apterus
Sidemia depravata (?)
Theba pisana

VENEZUELA:

Aulacaspis mangiferae
Deroceras reticulatum
Eurytoma orchidearum
Furcaspis biformis
Iridomyrmex iniquus
Protopulvinaria longivalvata

VIRGIN CORDA:

Fundella pellucens

WEST PACIFIC:

Psara licarsialis

YUGOSLAVIA:

Curculio elephas
Laspeyresia splendana
Prays oleellus
Rhagoletis cerasi

Pests collected and reported from July 1, 1954, through June 30, 1955

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
† <i>Alternaria dianthicola</i> Neerg.: <i>Dianthus</i> sp. (carnation).....	Italy.....	1	---	---	Mass.
† <i>Alternaria gomphrenae</i> Togashi: <i>Gomphrena globosa</i> (globe-amaranth).....	Puerto Rico.....	1	---	---	P. R.
<i>Anthostomella keissleri</i> Cash & Watson: Orchid.....	Canal Zone.....	---	---	1	Tex.
<i>Brassavola nodosa</i> (orchid).....	Costa Rica.....	---	---	1	Tex.
† <i>Ascochyta aucubae</i> Sacc. & Speg. (?): <i>Aucuba</i> sp.....	Belgium.....	---	---	1	N. J.
<i>Ascochyta bolthauseri</i> Sacc.: Bean.....	Germany.....	---	---	1	Mich.
<i>Asperisporium caricae</i> (Speg.) Maubl.: <i>Carica papaya</i> (papaya).....	Cuba, Mexico.....	2	1	1	N. J., Tex.
† <i>Botrytis gladiolorum</i> Timmerm.: <i>Gladiolus</i> sp.....	Australia.....	1	---	---	Hawaii.
† <i>Cercospora caribaea</i> Chupp & Cif.: <i>Manihot esculenta</i> (cassava).....	Ecuador.....	---	---	1	Pa.
<i>Cercospora coffeicola</i> Berk. & Cke.: <i>Coffea</i> sp. (coffee).....	Brazil, Mexico.....	2	---	---	P. R., Tex.
† <i>Cercospora crotonis</i> Ell. & Ev.: <i>Codiaeum</i> sp. (croton).....	Mexico.....	---	---	1	Tex.
<i>Cercospora insulana</i> Sacc.: <i>Armeria</i> sp. (statice).....	do.....	1	---	---	Tex.
† <i>Cercospora ipomoeae</i> Wint.: <i>Ipomoea</i> sp.....	Bermuda.....	1	---	---	N. Y.
<i>Cercospora kalmiae</i> Ell. & Ev.: <i>Kalmia latifolia</i> (mountain laurel).....	England, Netherlands, unknown.....	---	4	---	Mass., N. Y.
<i>Cercospora musae</i> Zimm.: <i>Musa paradisiaca sapientum</i> (banana).....	Honduras.....	1	---	---	Ala.
<i>Cercospora protearum</i> Cke.: <i>Protea</i> sp.....	Union of South Africa.....	1	---	---	N. Y.
<i>Cercospora punicea</i> P. Henn.: <i>Punica granatum</i> (pomegranate).....	Mexico.....	2	---	---	Tex.
<i>Cercospora purpurea</i> Cke.: <i>Persea americana</i> (avocado).....	Mexico, Trinidad.....	1	1	---	P. R., Tex.
<i>Cercospora vaginiae</i> Krueger: <i>Saccharum officinarum</i> (sugarcane).....	Antigua.....	1	---	---	St. Thomas & St. John.
<i>Cerebella andropogonis</i> Ces.: <i>Cynodon dactylon</i> (Bermuda grass).....	Kenya.....	---	---	1	D. C.
<i>Panicum</i> sp.....	Transvaal.....	---	---	1	D. C.
<i>Paspalum dilatatum</i> (Dallas grass).....	Australia.....	---	---	1	Pa.
<i>Paspalum</i> sp.....	do.....	---	---	1	N. J.
<i>Pennisetum ciliare</i>	Kenya.....	---	---	3	D. C.
† <i>Chrysomyxa ledicola</i> (Pk.) Lagh.: <i>Picea</i> sp. (spruce).....	Canada.....	1	---	---	Md.
<i>Chrysomyxa ledi</i> (Alb. & Schw.) d By. var. <i>rhododendri</i> (d By.) Savile: <i>Rhododendron cremastum</i>	England.....	---	---	1	N. J.
<i>Rhododendron ferrugineum</i> (rock rhododendron).....	Switzerland, unknown.....	25	---	---	N. J., N. Y.
<i>Rhododendron hirsutum</i>	England.....	---	---	1	N. J.
<i>Rhododendron</i> sp.....	Switzerland.....	1	---	1	Calif.*
† <i>Cintractia caricis</i> (Pers.) Magn.: <i>Carex</i> sp.....	Iran.....	---	---	1	D. C.
<i>Coleosporium bletiae</i> Diet.: <i>Phajus wallichii</i> (orchid).....	India.....	---	---	2	Fla., N. J.
<i>Coleosporium ipomoeae</i> (Schw.) Burr.: <i>Ipomoea</i> sp.....	Mexico.....	1	---	---	Tex.
† <i>Colletotrichum anonicola</i> Speg.: <i>Annona muricata</i> (sourp).....	Puerto Rico.....	1	---	---	P. R.
† <i>Colletotrichum anthurii</i> Del.: <i>Anthurium</i> sp.....	Mexico, Panama.....	---	---	2	Fla., Tex.
<i>Colletotrichum azaleae</i> Ell. & Ev.: <i>Rhododendron</i> sp.....	Netherlands.....	---	---	1	N. J.
† <i>Colletotrichum dieffenbachiae</i> Verpl. & Van den Broecke: <i>Dieffenbachia</i> sp.....	Mexico.....	---	---	1	Tex.
<i>Colletotrichum ficus</i> Koord. (?): <i>Ficus</i> sp.....	do.....	---	---	1	Ariz.

See footnotes at end of table.

Pests collected and reported from July 1, 1954, through June 30, 1955—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Colletotrichum graminicola</i> (Ces.) G. W. Wils.: <i>Triticum aestivum</i> (wheat)	France	1			P. R.
<i>Colletotrichum lilacearum</i> (Schw.) Ferr.: <i>Iris germanica</i> (German iris)	Australia, England, Scotland.			3	Calif.*
<i>Iris</i> sp.	Australia.			1	Calif.*
<i>Lilium auratum</i> (goldband lily)	Japan			2	Calif., Oreg.
<i>Lilium</i> sp.	do			1	Calif.*
<i>Colletotrichum philodendri</i> P. Henn.: <i>Philodendron</i> sp.	Puerto Rico			1	P. R.
† <i>Colletotrichum pothi</i> Koord.: <i>Scindapsus</i> sp.	Martinique	1			Pa.
† <i>Colletotrichum thuemenii</i> (Sacc.) Petr.: <i>Alocasia longiloba</i>	Puerto Rico			1	P. R.
† <i>Colletotrichum truncatum</i> (Schw.) Andrus & W. D. Moore:					
<i>Phaseolus vulgaris</i> var. (string bean)	Brazil	1			P. R.
† <i>Coniothecium scabrum</i> McAlp. (?): <i>Citrus limon</i> (lemon)	Italy	1			N. Y.
<i>Coniothyrium cytisellum</i> (Pass. & Theum.) Sacc.: <i>Laburnum watereri</i> (waterer laburnum)	Netherlands			11	N. J.
<i>Coniothyrium olivaceum</i> Bon.: <i>Citrus aurantifolia</i> (sweet lime)	Mexico	1			Ariz.
<i>Cordana musae</i> (Zimm.) Hohn.: <i>Musa paradisiaca</i> (plantain)	Dominican Republic	1			N. Y.
<i>Coryneum carpophilum</i> (Lev.) Jauch: <i>Prunus armeniaca</i> (apricot)	Union of South Africa		1		N. Y.
<i>Prunus persica</i> (peach)	Italy, Mexico	2		1	N. Y., Tex.
<i>Cryptospora longispora</i> Servazzi: <i>Araucaria excelsa</i> (Norfolk-Island-pine)	Australia, Japan, Norfolk Island.		3	2	Calif.*
† <i>Cryptosporium neesii</i> Cda. (?): <i>Alnus incana aurea</i> (yellowleaf alder)	Netherlands			1	N. J.
<i>Curvularia trifolii</i> (Wakk.) Boed.: <i>Gladiolus</i> sp.	Cuba		1		Tex.
<i>Cylindrosporium pomi</i> C. Brooks: <i>Malus sylvestris</i> (apple)	Netherlands		1		Pa.
† <i>Cytospora fertilis</i> Sacc.: <i>Salix discolor</i> (pussy willow)	England		1		Pa.
† <i>Cytospora pinastri</i> Fr.: <i>Pinus sylvestris</i> (Scotch pine)	Scotland		1		Mass.
† <i>Cytospora sacchari</i> Butl.: <i>Saccharum officinarum</i> (sugarcane)	Mexico			2	Tex.
† <i>Cytospora salicis</i> (Cda.) Rabh.: <i>Salix</i> sp. (willow)	Germany	1			Pa.
<i>Dendrophoma obscurans</i> (Ell. & Ev.) H. W. Anderson: <i>Fragaria</i> sp.	Czechoslovakia			1	N. J.
† <i>Diaporthe eres</i> Nits.: <i>Rosa multiflora</i> (Japanese rose)	Germany			1	Calif.*
<i>Rosa</i> sp.	Mexico	1			Tex.
† <i>Diplodia magnoliae</i> Westl.: <i>Cercidiphyllum</i> sp.	Netherlands			1	N. J.
<i>Diplodina euryhododendri</i> Voss: <i>Rhododendron laetevirens</i>	do			1	N. J.
† <i>Diplodina salicis</i> Westl.: <i>Salix discolor</i> (pussy willow)	England			1	Pa.
<i>Discosia artocreas</i> Fr.: <i>Camellia</i> sp.	Japan			1	Calif.*
<i>Philodendron</i> sp.	Mexico			1	Calif.*
† <i>Dothiorella gregaria</i> Sacc.: <i>Araucaria cunninghami</i>	Australia			1	Calif.*
<i>Elsinoe australis</i> Bitanc. & Jenkins: <i>Citrus aurantifolia</i> (sour lime)	Argentina, Brazil		2		Calif.,* La.
<i>Citrus aurantium</i> (sour orange)	Brazil		1		Calif.*
<i>Citrus limon</i> (lemon)	Argentina, Brazil		23		Calif.,* La., Md., Mass., N. Y., Pa., Tex.
<i>Citrus reticulata</i> (Mandarin orange)	Argentina		1		Pa.

See footnotes at end of table.

Pests collected and reported from July 1, 1954, through June 30, 1955—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Elsinoe australis</i> —Continued					
<i>Citrus reticulata unshiu</i> (satsuma orange)	Brazil			1	La.
<i>Citrus sinensis</i> (orange)	Argentina, Brazil, Paraguay, Uruguay.	2	54		Ala., Calif.,* Fla.,* La., Md., Mass., N. Y., Pa., Tex.
† <i>Entyloma crastophilum</i> Sacc.: <i>Hordeum</i> sp.	Afghanistan			1	D. C.
<i>Entyloma oryzae</i> Syd. & P. Syd.: <i>Oryza sativa</i> (rice)	India, Japan, Mexico, Spain.	3	1		Hawaii, Ill., N. Y., Tex.
<i>Erwinia citrimaculans</i> (Doidge) Magrou: <i>Citrus limon</i> (lemon)	Italy, Union of South Africa.		2		P. R., Tex.
<i>Citrus sinensis</i> (orange)	Pitcairn Island		1		Tex.
<i>Eutypella cocos</i> Ferd. & Winge: <i>Cocos nucifera</i> (coconut)	Guam, Philippines	1		1	Calif.,* Hawaii.
<i>Ezosporium palmivorum</i> Sacc.: <i>Chamaedorea</i> sp.	Mexico	2			Tex.
Palm	do	4			Tex.
† <i>Fusarium oxysporum</i> Schlecht. f. <i>cepae</i> (Harz) Snyder & Hansen: <i>Allium sativum</i> (garlic)	Spain		1		P. R.
<i>Fusarium oxysporum</i> Schlecht. f. <i>gladioli</i> (Massey) Snyder & Hansen: <i>Gladiolus</i> sp.	France		1		Mich.
† <i>Fusarium oxysporum</i> Schlecht. f. <i>narcissi</i> (Cke. & Mass.) Snyder & Hansen: <i>Narcissus</i> sp.	Belgium			1	Pa.
<i>Fusicladium eriobotryae</i> (Cav.) Sacc.: <i>Eriobotrya japonica</i> (loquat)	Italy		1		N. Y.
† <i>Fusicladium pyrinum</i> (Lib.) Fekl.: <i>Pyrus communis</i> (pear)	Germany		1		Ill.
<i>Fusicoccum galeiulatum</i> (Tul.) Sacc.: <i>Fagus sylvatica</i> (European beech)	Netherlands			1	N. J.
† <i>Gloeosporium musarum</i> Cke. & Mass.: <i>Musa paradisica sapientum</i> (banana)	Africa		1		La.
<i>Gloeosporium sansevieriae</i> Verwoerd & Duplessis: <i>Sansevieria</i> sp.	Philippines		1		Pa.
† <i>Graphiola phoenicis</i> (Moug.) Poit.: Palm	Turkey		1		Md.
<i>Guignardia traversi</i> (Cav.) Lind.: <i>Coelogyne</i> sp. (orchid)	New Guinea			1	Hawaii.
<i>Dendrobium forbesii</i> (orchid)	do			1	Hawaii.
† <i>Gymnosporangium clavipes</i> Cke. & Pk.: <i>Crataegus oxyacantha</i>	Netherlands			1	N. J.
<i>Gymnosporangium haraeaeum</i> Syd.: <i>Juniperus</i> sp.	Japan			2	Calif.*
† <i>Helminthosporium cucumerinum</i> Garbowski: <i>Cucumis sativus</i> (cucumber)	Mexico		1		Tex.
† <i>Hendersonia agaves</i> Maubl.: <i>Agave americana</i> (maguey)	do		1		Ariz.
<i>Hendersonia crastophila</i> Sacc.: <i>Triticum aestivum</i> (wheat)	Japan		1		Ala.
<i>Heterodera avenae</i> Eidam: Soil	England		1		N. Y.
Soil with beets	Italy		1		N. Y.
Soil with cipollino	†Greece, Italy, †Morocco	3			N. Y.
Soil with citrus cuttings	Italy			2	N. Y.
Soil with fig tree	do			1	N. Y.
Soil with fig, grape, oleander and unidentified plants.	do			1	N. Y.
Soil with garlic	Italy, Spain	2	1		N. Y.
Soil with gladiolus, hyacinth and tulip	France			1	N. J.
Soil with horseradish	Denmark, Germany	4			N. Y.
Soil with hyacinth plant	France			1	N. Y.
Soil with ivy plant	Luxembourg			1	N. Y.
Soil with jasmine plant	Italy			1	N. Y.

See footnotes at end of table.

Pests collected and reported from July 1, 1954, through June 30, 1955—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Heterodera avenae</i> —Continued					
Soil with lily bulbs.....	Greece.....			1	N. Y.
Soil with lily-of-the-valley pips.....	Denmark.....			2	N. Y.
Soil with potatoes.....	Belgium, Denmark, England, Italy.....	1	2		Ga., N. Y., F. R.
Soil with unidentified plant.....	Italy.....			1	N. Y.
<i>Heterodera cacti</i> Filip & Schuur. Stek.:					
Soil with African violet plant.....	Mexico.....			1	Tex.
Soil with amaryllis bulbs.....	do.....			1	Tex.
Soil with asparagus, portulaca and other plants.....	do.....			1	Tex.
Soil with cactus plants.....	†Algeria, France, Germany, Italy, Mexico, Switzerland.....			36	Ariz., N. J., N. Y., Tex.
Soil with carnation plant.....	Mexico.....			1	Tex.
Soil with fern plant.....	do.....			1	Tex.
Soil with garlic.....	do.....	3			N. Y., Tex.
Soil with <i>Gymnocolycium</i> spp. plants.....	Switzerland.....			1	N. J.
Soil with jicama roots.....	Mexico.....	1			Tex.
Soil with <i>Mammillaria</i> spp. plants.....	Switzerland.....			1	N. J.
Soil with <i>Oreocereus trollii</i> plant.....	do.....			1	N. J.
Soil with potted plants.....	Mexico.....			4	Tex.
Soil with portulaca plant.....	do.....			1	Tex.
Soil with potatoes.....	do.....		5		Tex.
Soil with succulent plants.....	do.....			2	Tex.
† <i>Heterodera humuli</i> Filip.:					
Soil with hop plant.....	Switzerland.....			1	N. J.
<i>Heterodera punctata</i> Thorne:					
Soil with agave plants.....	Germany, Mexico.....			2	Ariz., N. Y.
Soil with aloe plant.....	†Finland.....			1	Mass.
Soil with begonia plants.....	England, †Finland, Mexico.....			3	N. J., N. Y., Tex.
Soil with dahlia tubers.....	Ireland.....			1	Mass.
Soil with fern plant.....	Mexico.....			1	Tex.
Soil with galanthus bulbs.....	Norway.....			1	N. Y.
Soil with heather plant.....	Scotland.....			1	N. J.
Soil with horseradish.....	Germany.....	2			N. Y.
Soil with hydrangea plant.....	England.....			1	N. J.
Soil with ivy plant.....	Mexico.....			1	Tex.
Soil with onions.....	Netherlands.....		1		P. R.
Soil with orchid plants.....	England.....			3	N. J.
Soil with potatoes.....	do.....			1	Minn.
Soil with shamrocks.....	do.....	1			Tex.
Soil with <i>Stachys sieboldii</i> tubers.....	do.....			1	N. J.
Soil with unidentified host material.....	Mexico.....	1			Tex.
<i>Heterodera rostochiensis</i> Wr.:					
Soil with amaryllis plants.....	Germany.....			1	N. Y.
Soil with beets.....	Netherlands.....		1		Calif.*
Soil with boxwood cuttings.....	Ireland.....			1	N. Y.
Soil with cactus plants.....	Mexico, Scotland.....			2	N. Y., Tex.
Soil with carnation plants.....	England, Germany, Scotland.....	1		4	N. Y.
Soil with carrots.....	Unknown.....		1		Ala.
Soil with coffee plants.....	Mexico.....			1	Tex.
Soil with crocus corms.....	Germany.....			1	N. Y.
Soil with crown of thorns plant.....	Denmark.....			1	N. Y.
Soil with dahlia roots.....	Wales.....			1	N. Y.
Soil with garlic.....	Argentina, Peru.....	5			N. Y.
Soil with geranium plants.....	England, Ireland.....			3	La., N. Y.
Soil with gladiolus corms.....	do.....			2	N. Y.
Soil with heather plants.....	England, Scotland.....			4	Ill., Mass., N. J., N. Y.
Soil with horseradish.....	Germany, Poland.....	3			N. J., N. Y.
Soil with hydrangea plants.....	England.....			1	N. Y.
Soil with ivy and fern plants.....	do.....			1	N. Y.
Soil with lily bulbs and iris plants.....	Belgium.....			1	N. Y.
Soil with lily-of-the-valley plants.....	England, Germany.....			3	N. J., N. Y.
Soil with lupine plants.....	England.....	1			N. Y.
Soil with narcissus bulbs.....	England, Ireland.....			2	N. Y.
Soil with unidentified plants.....	England, Germany, Mexico.....	1		3	N. Y., Tex.

See footnotes at end of table.

Pests collected and reported from July 1, 1954, through June 30, 1955—Continued

Pest and host	Country of origin	Number of intercep- tions in—			Collected in—
		Consump- tion	Non-entry	Propaga- tion	
<i>Heterodera rostochiensis</i> —Continued					
Soil with potatoes.....	Argentina, †Brazil, Eng- land, Germany, Spain, Sweden.	---	8	3	Calif., *Fla., * La., Md., Mass., N. J., N. Y., Pa.
Soil with potatoes and sedum plants.....	Ireland.....	---	1	---	N. Y.
Soil with <i>Ribes</i> spp. plants.....	Austria.....	---	1	---	N. Y.
Soil with <i>Rubus</i> sp. canes and cuttings.....	Scotland.....	---	1	---	N. J.
Soil with shamrock plants.....	Germany.....	---	1	---	N. Y.
† <i>Heterodera schachtii</i> Schmidt:					
Soil with beets.....	Egypt.....	---	1	---	Pa.
† <i>Heterosporium iridis</i> (Fautr. & Roum.) Jacques:					
<i>Iris</i> sp.....	Netherlands.....	---	1	---	N. J.
† <i>Hypocrella caulium</i> (Berk. & Curt.) Pat.:					
Orchid.....	Costa Rica.....	---	1	---	Fla.
† <i>Hypocrella olivacea</i> Petch:					
<i>Hevea brasiliensis</i> (para rubber tree).....	Liberia.....	1	---	---	N. Y.
Leprosis:					
<i>Citrus sinensis</i> (orange).....	Brazil, Mexico.....	7	2	---	Ariz., Calif., Tex.
<i>Leptosphaeria eustomoides</i> Sacc.:					
<i>Triticum aestivum</i> (wheat).....	Germany.....	1	---	---	Calif.*
† <i>Leptosphaeria heterospora</i> (de N.) Sacc.:					
<i>Iris atropurpurea</i> (blackpurple iris).....	Israel.....	---	1	---	Calif.*
<i>Iris germanica</i> (German iris).....	Scotland.....	---	1	---	Calif.*
<i>Leptosphaeria ruscii</i> Sacc.:					
<i>Ruscus</i> sp.....	Italy.....	8	---	---	Pa.
<i>Lophodermium pinastri</i> (Fr.) Chev.:					
<i>Pinus</i> sp. (pine).....	Scotland.....	1	---	---	Mass.
<i>Macrophoma araucariae</i> Del.					
<i>Araucaria cunninghamii</i>	Australia.....	---	1	---	Calif.*
<i>Araucaria excelsa</i> (Norfolk-Island-pine).....	Norfolk Island.....	---	4	---	Calif.*
† <i>Macrophoma molleriana</i> (Thuem.) Berl. & Vogl.:					
<i>Eucalyptus</i> sp.....	Azores.....	1	---	---	Mass.
<i>Macrophoma oleae</i> (DC.) Berl. & Vogl.:					
<i>Olea europaea</i> (olive).....	Italy.....	1	---	---	N. Y.
<i>Macrophomina phaseolina</i> (Tassi) Goid.:					
<i>Gladiolus</i> sp.....	Japan.....	---	2	---	Calif.*
<i>Ipomoea batatas</i> (sweetpotato).....	Mexico.....	---	1	---	Calif.*
<i>Solanum tuberosum</i> (potato).....	Belgium, Chile.....	---	2	---	Calif.*
† <i>Urginea maritima</i> (sea-onion).....	Turkey.....	---	1	---	N. Y.
<i>Marssonina juglandis</i> (Lib.) Magn.:					
<i>Juglans regia</i> (English walnut).....	Greece.....	1	---	---	N. Y.
<i>Meliola citricola</i> Syd.:					
<i>Citrus reticulata</i> (Mandarin orange).....	Philippines.....	1	---	---	Hawaii.
<i>Meloidogyne hapla</i> Chitwood:					
<i>Cytisus praecox</i> (warminister broom).....	Netherlands.....	---	1	---	N. J.
<i>Iris kaempferi</i> (Japanese iris).....	Japan.....	---	1	---	N. J.
<i>Meloidogyne incognita</i> (Kofoid & White) Chitwood:					
<i>Solanum tuberosum</i> (potato).....	†Argentina, †Azores, In- dia, †Italy.	---	4	---	Pa.
<i>Meloidogyne javanica</i> (Treub.) Chitwood:					
<i>Ipomoea batatas</i> (sweetpotato).....	† Egypt.....	---	1	---	Mass.
<i>Solanum tuberosum</i> (potato).....	† Azores.....	---	1	---	Pa.
<i>Zantedeschia aethiopica</i> (callalily).....	† France, † Italy.....	---	2	---	N. J.
† <i>Microplodia conigena</i> Allesch.:					
<i>Pinus canariensis</i> (?) (Canary pine).....	Canary Islands.....	---	1	---	N. J.
<i>Micropeltis bakeri</i> (Syd.) Cash & Watson:					
<i>Epidendrum</i> sp. (orchid).....	Canal Zone.....	---	1	---	Tex.
Orchid.....	Panama.....	---	1	---	Tex.
<i>Monilinia fructigena</i> (Aderh. & Ruhl.) Honey:					
<i>Malus sylvestris</i> (apple).....	Germany, Italy.....	2	---	---	N. Y.
<i>Pyrus communis</i> (pear).....	Italy.....	1	---	---	N. Y.
† <i>Monilinia laxa</i> (Aderh. & Ruhl.) Honey:					
<i>Prunus domestica</i> (plum).....	Japan.....	---	1	---	Md.
<i>Prunus persica</i> (peach).....	France.....	---	1	---	N. Y.

See footnotes at end of table.

Pests collected and reported from July 1, 1954, through June 30, 1955—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Mycosphaerella cattleyae</i> Cash & Watson:					
<i>Cattleya bowringiana</i> (orchid).....	Guatemala			1	Calif.*
<i>Epidendrum radicans</i> (orchid).....	Costa Rica			1	Fla.
<i>Epidendrum</i> sp.....	Mexico			1	Tex.
<i>Sobralia lindleyana</i> (orchid).....	Canal Zone			1	Calif.*
<i>Sobralia</i> sp.....	†Salvador			1	Fla.
† <i>Mycosphaerella euryae</i> Theis:					
<i>Eurya japonica</i>	Japan	1			Hawaii.
<i>Mycosphaerella pomi</i> (Pass.) Lindau:					
<i>Malus sylvestris</i> (apple).....	England		1		Pa.
<i>Mycosphaerella schoenoprasii</i> (Ces. & de N.) Schroet.:					
<i>Allium cepa</i> (onion).....	Japan		1		Calif.*
<i>Allium fistulosum</i> (Welsh onion).....	do	16			Pa.
<i>Myriangium duriae</i> Mont. & Berk.:					
<i>Prunus domestica</i> (plum).....	Mexico			1	Tex.
<i>Neofabraea malicorticis</i> Jacks (?):					
<i>Malus sylvestris</i> (apple).....	Germany	1			Oreg.
† <i>Neovossia indica</i> (Mittra) Mund.:					
<i>Triticum aestivum</i> (wheat).....	Afghanistan			1	D. C.
<i>Oidium euonymi-japonici</i> (Acrang.) Sacc.:					
<i>Euonymus</i> sp.....	Germany		1		N. Y.
<i>Omphalia flavida</i> (Cke.) Maubl. & Rangel:					
<i>Gardenia augusta</i> (gardenia).....	Mexico	6	1		Calif.*, Tex.
<i>Oospora pustulans</i> Owen & Wakef.:					
<i>Solanum tuberosum</i> (potato).....	Ireland	1			N. Y.
<i>Ophiostoma narcissi</i> Limber:					
<i>Narcissus</i> spp.....	Northern Ireland			4	N. J.
<i>Papulaspora parasitica</i> (Eidam) Harz.:					
<i>Beta vulgaris</i> (beet).....	Italy		1		Calif.*
<i>Pestalotia annulata</i> Berk. & Curt.:					
<i>Ilex crenata</i> (Japanese holly).....	Japan			1	D. C.
† <i>Pestalotia coffeae</i> Zimm.:					
<i>Coffea</i> sp. (coffee).....	Mexico	1			Tex.
<i>Pestalotia conspicua</i> Servazzi:					
<i>Dendrobium</i> sp. (orchid).....	Australia			1	Hawaii.
Orchid.....	Brazil			1	P. R.
<i>Scaphyglottis mesocopsis</i> (orchid).....	Canal Zone			1	Hawaii.
<i>Stanhopea wardii</i> (orchid).....	do			1	Fla.
<i>Vanda</i> "Ceylon Sunset" (orchid).....	Ceylon			1	Hawaii.
† <i>Pestalotia eriobotryae</i> McAlp.:					
<i>Eriobotrya japonica</i> (loquat).....	Japan		1		Calif.*
<i>Pestalotia funerea</i> Desm.:					
<i>Chamaecyparis thuyoides</i> (falsecypress).....	Canada	1			N. Y.
<i>Chamaecyparis</i> sp.....	do	1			N. Y.
<i>Thuja</i> sp. (arborvitae).....	Brazil	1			Ala.
<i>Pestalotia micheneri</i> Guba:					
<i>Araucaria excelsa</i> (Norfolk-Island-pine).....	Norfolk Island			3	Calif.*
<i>Pestalotia psidii</i> Pat.:					
<i>Psidium guajava</i> (guava).....	Mexico	1			Ariz.
<i>Pestalotia rhododendri</i> (D. Sacc.) Guba:					
<i>Paeonia</i> sp. (peony).....	Netherlands			1	N. J.
<i>Rhododendron</i> spp.....	New Zealand			1	Calif.*
† <i>Phakopsora jatrophiicola</i> (Arth.) Cumm.:					
<i>Jatropha gossypifolia</i> (bellyache nettlespurge).....	Guadeloupe	1			St. Thomas & St. John.
‡ <i>Phoma apiicola</i> Kleb.:					
<i>Apium graveolens</i> (celery).....	Netherlands		1		Calif.*
<i>Phoma citricarpa</i> McAlp.:					
<i>Citrus aurantifolia</i> (sour lime).....	Japan		1		Calif.*
<i>Citrus aurantium</i> (sour orange).....	do		1		Calif.*
<i>Citrus grandis</i> (pummelo).....	Straits Settlements		1		Calif.*
<i>Citrus limon</i> (lemon).....	Australia, Fiji Islands, Hawaii, Java, New Zealand(?), Union of South Africa.	1	9		Calif.*, Hawaii, Mass., Pa., Tex.
<i>Citrus paradisi</i> (grapefruit).....	Union of South Africa		2		Md., Mass.

See footnotes at end of table.

Pests collected and reported from July 1, 1954, through June 30, 1955—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Phoma citricarpa</i> —Continued					
<i>Citrus reticulata</i> (Mandarin orange)-----	China, Hawaii, Japan, Union of South Africa.	38	8	---	Calif.*, Hawaii, Md., Mass., N. Y., Tex., Wash.
<i>Citrus sinensis</i> (orange)-----	Australia, China, For- mosa, Italy, Japan, Union of South Africa.	18	23	---	Calif.* Hawaii, La., Md. Mass., N. Y., Pa., Tex.
<i>Citrus</i> sp. (orange)-----	China, Orient-----	2	---	---	Mass., N. Y.
<i>Citrus</i> sp.-----	China-----	3	---	---	Ill.
<i>Phoma engleri</i> Speg.:-----	Martinique-----	1	---	---	Pa.
<i>Scindapsus</i> sp.-----	Nigeria-----	---	---	1	D. C.
<i>Phoma insidiosa</i> Tassi: <i>Sorghum vulgare</i> (sorghum)-----	Netherlands-----	---	---	1	N. J.
<i>Phoma japonica</i> Sacc: <i>Kerria japonica</i> (kerria)-----	Netherlands-----	---	---	1	N. J.
<i>Phoma nebulosa</i> (Fr.) (Berk.: <i>Pastinaca sativa</i> (parsnip)-----	Sweden-----	---	---	1	Calif.*
† <i>Phomopsis macrostomae</i> Trav.: <i>Fagus sylvatica</i> (European beech)-----	Netherlands-----	---	---	1	N. J.
<i>Phomopsis mali</i> Roberts (?): <i>Malus sylvestris</i> (apple)-----	Japan-----	---	---	1	Pa.
<i>Phomopsis orchidophila</i> Cash & Watson: <i>Laelia</i> sp. (orchid)-----	Mexico-----	---	---	1	Wash.
<i>Phomopsis palmicola</i> (Wint.) Sacc.: <i>Chamaedorea</i> sp.-----	do-----	1	---	---	Tex.
<i>Phragmidium disciflorum</i> (Tode) James: <i>Rosa</i> sp.-----	France-----	---	---	1	Mass.
<i>Phyllachora cynodontis</i> (Sacc.) Niessl: <i>Cynodon dactylon</i> (Bermuda grass)-----	Kenya-----	---	---	1	D. C.
<i>Phyllachora engleri</i> Speg.: <i>Philodendron</i> sp.-----	Costa Rica-----	---	---	1	Fla.
<i>Phyllachora graminis</i> (Fr.) Fekl.: Grass—unknown-----	Mexico-----	1	---	---	Tex.
Hay-----	India-----	---	---	1	Mass.
† <i>Phyllachora scleriae</i> Rehm.: <i>Scleria</i> sp. (?)-----	Italy-----	1	---	---	Pa.
† <i>Phyllosticta antirrhini</i> Syd.: <i>Antirrhinum majus</i> (snapdragon)-----	Japan-----	1	---	---	Hawaii.
<i>Phyllosticta cajani</i> Rangel: <i>Cajanus cajan</i> (pigeonpea)-----	Puerto Rico-----	1	---	---	Ala.
† <i>Phyllosticta extensa</i> Sacc. & Syd.: <i>Eucalyptus</i> sp.-----	Spain-----	1	---	---	Pa.
<i>Phyllosticta mertonii</i> Fairm.: <i>Mangifera indica</i> (mango)-----	Hawaii-----	1	---	---	Hawaii.
† <i>Phyllosticta phaseolina</i> Sacc.: Leguminosae-----	Ecuador-----	1	---	---	Calif.*
<i>Phyllosticta ruscicola</i> Dur. & Mont.: <i>Ruscus</i> sp.-----	Italy-----	1	---	---	Pa.
† <i>Phyllostictina mangiferae</i> Batista & Vital: <i>Mangifera indica</i> (mango)-----	Mexico-----	---	---	1	Tex.
<i>Phyllostictina pyriformis</i> Cash & Watson: <i>Dendrobium forbesii</i> (orchid)-----	New Guinea-----	---	---	2	Hawaii.
Orchid-----	Mexico, Panama-----	---	---	1	P. R., Tex.
<i>Stanhopea wardii</i> (orchid)-----	Canal Zone-----	---	---	1	Fla.
† <i>Physalospora obtusa</i> (Schw.) Cke.: <i>Malus sylvestris</i> (apple)-----	New Zealand-----	1	---	---	N. Y.
† <i>Physoderma schroeteri</i> Krieger: <i>Scirpus</i> sp. (?)-----	Portugal-----	1	---	---	Ala.
† <i>Phytophthora erythroseptica</i> Pethybridge: <i>Solanum tuberosum</i> (potato)-----	Netherlands-----	---	---	1	Ill.
<i>Phytophthora phaseoli</i> Thaxt.: <i>Phaseolus vulgaris</i> var. (string bean)-----	Mexico-----	3	---	---	Ariz.

See footnote at end of table.

Pests collected and reported from July 1, 1954, through June 30, 1955—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
† <i>Plasmodiophora brassicae</i> Wor.: <i>Brassica oleracea capitata</i> (cabbage).....	Ireland.....		1		Md.
<i>Polythrincium trifolii</i> Fr.: <i>Trifolium</i> sp.....	Iran.....			1	D. C.
<i>Pseudomonas phaseolicola</i> (Burk.) Dowson (?): <i>Phaseolus vulgaris</i>	England.....	1			Fla.*
† <i>Pseudomonas seminum</i> Cayley (?): <i>Pisum sativum</i> (pea).....	Turkey.....		1		Pa.
† <i>Pseudomonas syringae</i> v. Hall: <i>Citrus limon</i> (lemon).....	Australia.....		1		Tex.
<i>Puccinia aeluropi</i> Ricker: <i>Aeluropus litoralis</i>	Afghanistan.....			1	D. C.
<i>Puccinia baccharidis</i> Diet. & Holw.: <i>Baccharis</i> sp.....	Mexico.....	1			Tex.
<i>Puccinia buxi</i> DC.: <i>Buxus sempervirens</i> (boxwood).....	England, Ireland, unknown	1	6		Mass., N. Y.
<i>Puccinia cannae</i> (Wint.) P. Henn.: <i>Canna</i> sp.....	Jamaica.....			1	Fla.
<i>Puccinia chrysanthemi</i> Roze: <i>Chrysanthemum morifolium</i> (chrysanthemum).....	Japan.....	1			Wash.
<i>Chrysanthemum</i> sp.....	do.....	2	5		Hawaii.
† <i>Puccinia hordei</i> Othth.: <i>Hordeum</i> sp.....	Afghanistan.....			1	D. C.
<i>Puccinia horiana</i> P. Henn.: <i>Chrysanthemum morifolium</i> (chrysanthemum).....	Japan.....			1	Wash.
<i>Chrysanthemum</i> sp.....	do.....	6	10		Hawaii.
<i>Puccinia menthae</i> Pers.: <i>Mentha</i> sp. (mint).....	Azores.....	1			Mass.
<i>Puccinia ornithogali-thyrsoideis</i> Diet.: <i>Ornithogalum thyrsoideis</i> (chinkerichee).....	Union of South Africa.....	4	1		Mass., N. Y.
<i>Puccinia pelargonii-zonalis</i> Doidge: <i>Pelargonium zonale</i> (horseshoe geranium).....	Hawaii.....	1			Hawaii.
† <i>Puccinia phragmitis</i> (Schm.) Koern.: <i>Phragmites</i> sp.....	Japan.....		1		Calif.*
† <i>Puccinia poae-nemoralis</i> Othth.: <i>Poa</i> sp.....	Afghanistan.....			1	D. C.
<i>Puccinia scirpi</i> DC.: <i>Scirpus</i> sp.....	Italy.....	1			Md.
† <i>Ramularia vallisumbrosae</i> Cav.: <i>Narcissus</i> sp.....	England.....	1			N. Y.
Ringspot virus: <i>Citrullus vulgaris</i> (watermelon).....	Mexico, Spanish Morocco.....	1	1		Ariz., Tex.
<i>Sclerotopsis testudinea</i> Dearn.: <i>Paeonia suffruticosa</i> (tree peony).....	Japan.....			35	Calif.*
<i>Paeonia</i> sp.....	do.....			1	Calif.*
† <i>Septonema toruloides</i> Cke. & Ell.: <i>Dahlia</i> sp.....	Australia.....			1	Calif.*
† <i>Septoria aristolochiae</i> Sacc. (?): <i>Aristolochia sempervirens</i>	England.....			1	N. J.
<i>Septoria citri</i> Pass.: <i>Citrus limon</i> (lemon).....	Argentina, Italy, Japan, Panama, Spain, Tunisia.....	8			Ala., Calif.*, N. Y.
<i>Citrus paradisi</i> (grapefruit).....	Panama.....	1			Calif.*
<i>Citrus sinensis</i> (orange).....	Italy, Japan, Spain.....	5			Calif.*, Hawaii.
† <i>Septoria phleina</i> Baudys & Picb. (?): <i>Phleum</i> sp.....	Afghanistan.....			1	D. C.
<i>Septoria selenophomoides</i> Cash & Watson: <i>Cymbidium</i> sp. (orchid).....	England.....			1	Wash.
<i>Laelia</i> sp. (orchid).....	Brazil.....			1	Calif.*
<i>Odontoglossum</i> sp. (orchid).....	Mexico.....			1	Calif.*
<i>Orchid</i>	do.....			2	Calif.*, Tex.
<i>Stanhopea</i> sp. (orchid).....	do.....			1	Tex.
<i>Sphaceloma mangiferae</i> Bitanc. & Jenkins: <i>Mangifera indica</i> (mango).....	do.....	1			Tex.

See footnotes at end of table.

Pests collected and reported from July 1, 1954, through June 30, 1955—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Sphaceloma punicea</i> Bitanc. & Jenkins: <i>Punica granatum</i> (pomegranate).....	Italy, Mexico.....	4	---	---	N. Y., Tex.
<i>Sphaceloma spondiadis</i> Bitanc. & Jenkins: <i>Spondias mombin</i> (yellow mombin).....	Barbados.....	1	---	---	P. R.
† <i>Sphaceloma zorniae</i> Bitanc. & Jenkins: <i>Zornia</i> sp.....	St. Kitts.....	1	---	---	P. R.
† <i>Sphacelotheca penniseti</i> (Rab.) Reich.: <i>Pennisetum</i> sp.....	Rhodesia.....	---	---	1	D. C.
<i>Stagonospora macrospora</i> (Dur. & Mont.) Sacc.: <i>Agave</i> sp.....	Mexico.....	---	---	2	Ariz.
<i>Yucca</i> sp. (?).....	do.....	1	---	---	Ariz.
† <i>Stereostromium corticioides</i> (Berk. & Br.) Magn.: Bamboo.....	Japan.....	1	---	---	Tex.
<i>Stromatinia gladioli</i> (Drayt.) Whet.: <i>Gladiolus</i> , sp.....	Canada, France, Japan, Netherlands.....	1	---	4	Hawaii, Mich., N. Y.
<i>Taphrina deformans</i> (Berk.) Tul.: <i>Prunus amygdalus</i> (almond).....	Lebanon.....	1	---	---	Mass.
<i>Thecopsora areolata</i> (Fr.) Magn.: <i>Picea</i> sp. (spruce).....	Norway.....	---	---	1	N. Y.
<i>Thielaviopsis basicola</i> (Berk. & Br.) Ferr.: <i>Ipomoea batatas</i> (sweetpotato).....	Peru.....	---	1	---	Calif.*
<i>Paeonia officinalis</i> vars.....	Netherlands.....	---	1	---	N. J.
<i>Paeonia</i> sp.....	England.....	---	1	---	N. J.
"Tomato pox": <i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1	---	---	Tex.
† <i>Tritirachium dependens</i> Limber: <i>Lilium longiflorum</i> (Easter lily).....	Okinawa.....	---	---	1	Calif.*
† <i>Trochila ilicis</i> (Fr.) Crouan: <i>Ilex aquifolium</i> (English holly).....	Ireland.....	1	---	---	Pa.
<i>Uredo anthurii</i> (Har.) Sacc.: <i>Anthurium</i> sp.....	Panama.....	---	---	1	Fla.
<i>Uredo behnickiana</i> P. Henn.: <i>Epidendrum</i> sp. (orchid).....	Mexico.....	---	---	2	Calif.*
<i>Laelia anceps</i> (orchid).....	do.....	---	---	2	Tex.
<i>Oncidium varicosum rogersi</i> (orchid).....	Brazil.....	---	---	1	N. J.
<i>Uredo epidendri</i> P. Henn.: <i>Diacrium bilamellatum</i> (orchid).....	Canal Zone.....	---	---	1	Calif.*
<i>Epidendrum</i> sp. (orchid).....	Colombia.....	---	---	1	Fla.
<i>Uredo epidendri</i> P. Henn. (?): <i>Epidendrum myrianthum</i>	Costa Rica.....	---	---	1	Fla.
<i>Epidendrum</i> sp.....	Jamaica.....	---	---	1	Fla.
<i>Uredo jucunda</i> Syd.: <i>Philodendron</i> sp.....	Costa Rica.....	---	---	1	Fla.
<i>Uredo nigropuncta</i> P. Henn.: <i>Bletia</i> sp. (orchid).....	Bahamas.....	---	---	1	Fla.
<i>Uredo oncidii</i> P. Henn.: <i>Oncidium cebolleta</i> (orchid).....	Costa Rica.....	---	---	1	Fla.
<i>Oncidium lanceanum</i>	Trinidad.....	---	---	1	Fla.
<i>Oncidium varicosum</i>	Brazil.....	---	---	1	N. J.
<i>Oncidium</i> sp.....	Honduras.....	---	---	2	Fla.
<i>Uromyces alyriæ</i> Arth.: <i>Alyzia olivæformis</i> (maile).....	Hawaii.....	4	---	---	Hawaii.
† <i>Uromyces hordeinus</i> Arth.: <i>Hordeum</i> sp.....	Afghanistan.....	---	---	1	D. C.
<i>Uromyces lespezæae-procumbentis</i> (Schw.) Curt.: <i>Lespedeza thunbergii</i> (thunberg lespedeza).....	Japan.....	---	---	1	Calif.*
<i>Uromyces phaseoli</i> (Pers.) Wint.: <i>Phaseolus vulgaris</i> var. (string bean).....	Mexico.....	1	---	---	Ariz.
<i>Uromyces punctatus</i> Schroet.: <i>Astragalus</i> sp. (milkvetch).....	Afghanistan.....	---	---	1	D. C.
† <i>Uromyces trifolii</i> (Hedw. f.) Lev.: <i>Trifolium repens</i> (white clover).....	do.....	---	---	2	D. C.
<i>Ustilago avenae</i> (Pers.) Rostr. (?): <i>Avena</i> sp. (?).....	do.....	---	---	1	D. C.
<i>Ustilago bullata</i> Berk.: <i>Bromus catharticus</i> (rescue brome).....	Chile.....	---	---	1	D. C.

See footnotes at end of table.

Pests collected and reported from July 1, 1954, through June 30, 1955—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
† <i>Ustilago schismi</i> Bub.: <i>Schismus</i> sp.-----	Afghanistan-----	-----	-----	1	D. C.
† <i>Ustilago striaeformis</i> (West.) Niessl.: <i>Lolium multiflorum</i> (Italian ryegrass)-----	Peru-----	-----	-----	1	D. C.
Xanthomonas citri (Hesse) Dowson: <i>Citrus aurantifolia</i> (sour lime)-----	India, unknown-----	-----	3	-----	La., Md., Mass.
<i>Citrus aurantium</i> (sour orange)-----	Japan-----	-----	18	-----	Calif.*, Tex.
<i>Citrus grandis</i> (pummelo)-----	do-----	-----	1	-----	Calif.*
<i>Citrus limon</i> (lemon)-----	China, Japan, New Guinea-----	-----	17	-----	Calif., Pa.
<i>Citrus paradisi</i> (grapefruit)-----	Japan-----	-----	2	-----	Ala., Calif.*
<i>Citrus reticulata</i> (Mandarin orange)-----	China, Japan, Philippines-----	8	3	-----	Calif.*, Hawaii, Mass., Wash.
<i>Citrus sinensis</i> (orange)-----	China, Japan-----	15	35	-----	Calif.*, Hawaii, Md., N.Y., Pa., Tex.
<i>Citrus</i> sp.-----	China, Indonesia, Japan-----	1	2	-----	Hawaii, Ill., Pa.
Xanthomonas sp. (Cancrosis B): <i>Citrus limon</i> (lemon)-----	Argentina, Brazil-----	-----	4	-----	N. Y., Pa.
<i>Citrus sinensis</i> (orange)-----	Argentina-----	-----	1	-----	Md.

An asterisk (*) indicates State inspection.

A dagger (†) indicates a first interception from the country named.

A double dagger (‡) indicates first record of its interception by Branch inspectors.

Hosts and Diseases

- AELUROPIUS:**
Puccinia aeluropi (Promycetes)
- AGAVE:**
 †*Hendersonia agaves* (Deuteromycetes)
Stagonospora macrospora (Deuteromycetes)
- ALLIUM CEPA:**
Mycosphaerella schoenoprasii (Ascomycetes)
- ALLIUM FISTULOSUM:**
Mycosphaerella schoenoprasii (Ascomycetes)
- ALLIUM SATIVUM:**
 †*Fusarium oxysporum* f. *cepae* (Deuteromycetes)
- ALNUS:**
 †*Cryptosporium neesii* (?) (Deuteromycetes)
- ALOCASIA:**
 †*Colletotrichum thuemenii* (Deuteromycetes)
- ALYXIA:**
Uromces alyziae (Promycetes)
- ANNONA:**
 †*Colletotrichum anonicola* (Deuteromycetes)
- ANTHURIUM:**
 †*Colletotrichum anthurii* (Deuteromycetes)
Uredo anthurii (Promycetes)
- ANTIRRHINUM:**
 †*Phyllosticta antirrhini* (Deuteromycetes)
- APIUM:**
 †*Phoma apiicola* (Deuteromycetes)
- ARAUCARIA:**
Cryptospora longispora (Ascomycetes)
 †*Dathiorella gregaria* (Deuteromycetes)
Macrophoma araucariae (Deuteromycetes)
Pestalotia micheneri (Deuteromycetes)
- ARMERIA:**
Cercospora insulana (Deuteromycetes)
- ARISTOLOCHIA:**
 †*Septoria aristolochiae* (?) (Deuteromycetes)
- ASTRAGALUS:**
Uromyces punctatus (Promycetes)
- AUCUBA:**
 †*Ascochyta aucubae* (?) (Deuteromycetes)
- AVENA:**
Ustilago avenae (?) (Promycetes)
- BACCHARIS:**
Puccinia baccharidis (Promycetes)
- BAMBOO:**
 †*Stereostroma corticioides* (Promycetes)
- BETA:**
Papulaspora parasitica (Deuteromycetes)
- BLETIA:**
Uredo nigropuncta (Promycetes)
- BRASSAVOLA:**
Anthostomella keissleri (Ascomycetes)
- BRASSICA OLERACEA CAPITATA:**
 †*Plasmodiophora brassicae* (Myxomycetes)
- BROMUS:**
Ustilago bullata (Promycetes)
- BUXUS:**
Puccinia buxi (Promycetes)
- CAJANUS:**
Phyllosticta cajani (Deuteromycetes)
- CAMELLIA:**
Discosia arctocreas (Deuteromycetes)
- CANNA:**
Puccinia cannae (Promycetes)
- CAREX:**
 †*Cintractia caricis* (Promycetes)
- CARICA:**
Asperisporium caricae (Deuteromycetes)
- CATTLEA:**
Mycosphaerella cattleyae (Ascomycetes)
- CERCIDIPHYLLUM:**
 †*Diplodia magnoliae* (Deuteromycetes)
- CHAMAECYPARIS:**
Pestalotia funerea (Deuteromycetes)
- CHAMAEDOREA:**
Exosporium palmivorum (Deuteromycetes)
Phomopsis palmicola (Deuteromycetes)
- CHRYSANTHEMUM:**
Puccinia chrysanthemi (Promycetes)
Puccinia horiana (Promycetes)
- CITRULLUS:**
 Ringspot virus
- CITRUS AURANTIFOLIA:**
Coniothyrium olivaceum (Deuteromycetes)
Elsinoe australis (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS AURANTIUM:**
Elsinoe australis (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS GRANDIS:**
Phoma citricarpa (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS LIMON:**
 †*Coniothecium scabrum* (?) (Deuteromycetes)
Elsinoe australis (Ascomycetes)
Erwinia citrimaculans (Schizomycetes)
Phoma citricarpa (Deuteromycetes)
 †*Pseudomonas syringae* (Schizomycetes)
Septoria citri (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
Xanthomonas sp. (Cancrosis B) (Schizomycetes)
- CITRUS PARADISI:**
Phoma citricarpa (Deuteromycetes)
Septoria citri (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS RETICULATA:**
Elsinoe australis (Ascomycetes)
Meliola citricola (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS RETICULATA UNSHIU:**
Elsinoe australis (Ascomycetes)
- CITRUS SINENSIS:**
Elsinoe australis (Ascomycetes)
 †*Erwinia citrimaculans* (Schizomycetes)
- LEPROSIS:**
Phoma citricarpa (Deuteromycetes)
Septoria citri (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
Xanthomonas sp. (Cancrosis B) (Schizomycetes)
- CITRUS SP. (ORANGE):**
Phoma citricarpa (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS SP.:**
Phoma citricarpa (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- COCOS:**
Eutypella cocos (Ascomycetes)
- CODIAEUM:**
 †*Cercospora crotonis* (Deuteromycetes)
- COELOGYNE:**
Guignardia traversi (Ascomycetes)
- COFFEA:**
Cercospora coffeicola (Deuteromycetes)
 †*Pestalotia coffeae* (Deuteromycetes)
- CRATAEGUS:**
 †*Gymnosporangium clavipes* (Promycetes)
- CUCUMIS:**
 †*Helminthosporium cucumerinum* (Deuteromycetes)
- CYMBIDUM:**
Septoria selenophomoides (Deuteromycetes)
- CYNODON:**
Cerebella andropogonis (Deuteromycetes)
Phyllachora cynodontis (Ascomycetes)
- CYTISUS:**
Meloidogyne hapla (Nematoda)
- DAHLIA:**
 †*Septonema toruloides* (Deuteromycetes)
- DENDROBIUM:**
Guignardia traversi (Ascomycetes)
Pestalotia conspicua (Deuteromycetes)
Phyllostictina pyriformis (Deuteromycetes)
- DIACRUM:**
Uredo epidendri (Promycetes)
- DIANTHUS:**
 †*Alternaria dianthicola* (Deuteromycetes)
- DIEFFENBACHIA:**
 †*Colletotrichum dieffenbachiae* (Deuteromycetes)
- EPIDENDRUM:**
Micropeltis bakeri (Ascomycetes)
Mycosphaerella cattleyae (Ascomycetes)
Uredo behnickiana (Promycetes)
Uredo epidendri (Promycetes)

A dagger (†) indicates a first interception from the country named.

A double dagger (‡) indicates first record of its interception from Branch inspectors.

Host and Diseases—Continued

ERIOBOTRYA:

Fusicladium eriotryae (Deuteromycetes)

†*Pestalotia eriotryae* (Deuteromycetes)

EUCALYPTUS:

†*Macrophoma mollariana* (Deuteromycetes)

†*Phyllosticta extensa* (Deuteromycetes)

EUONYMUS:

Oidium euonymi-japonici (Deuteromycetes)

EURYA:

†*Mycosphaerella euryae* (Ascomycetes)

FAGUS:

Fusicoccum galeaticulatum (Deuteromycetes)

†*Phomopsis macrostomae* (Deuteromycetes)

FIGUS:

†*Colletotrichum ficus* (?) (Deuteromycetes)

FRAGARIA:

†*Dendrophoma obscurans* (Ascomycetes)

GARDENIA:

†*Omphalia flavida* (Deuteromycetes)

GLADIOLUS:

†*Botrytis gladiolorum* (Deuteromycetes)

Curvularia trifolii (Deuteromycetes)

Fusarium oxysporum f. *gladioli* (Deuteromycetes)

Macrophomina phaseolina (Deuteromycetes)

Stromatinia gladioli (Ascomycetes)

GOMPHRENA:

Alternaria gomphrenae (Deuteromycetes)

HEVEA:

†*Hypocrella olivacea* (Ascomycetes)

HORDEUM:

†*Entyloma crastophilum* (Promycetes)

†*Puccinia hordei* (Promycetes)

†*Uromyces hordeinus* (Promycetes)

ILEX:

†*Pestalotia annulata* (Deuteromycetes)

†*Trochila ilicis* (Ascomycetes)

IPOMOEA:

†*Cercospora ipomoeae* (Deuteromycetes)

Coleosporium ipomoeae (Promycetes)

Macrophomina phaseolina (Deuteromycetes)

†*Meloidogyne javanica* (Nematoda)

Thielaviopsis basicola (Deuteromycetes)

IRIS:

Colletotrichum liliacearum (Deuteromycetes)

†*Heterosporium iridis* (Deuteromycetes)

†*Leptosphaeria heterospora* (Ascomycetes)

Meloidogyne hapla (Nematoda)

JATROPHA:

†*Phakopsora jatrophiicola* (Promycetes)

JUGLANS:

†*Marssonina juglandis* (Deuteromycetes)

JUNIPERUS:

Gymnosporangium haraeaeum (Promycetes)

KALMIA:

Cercospora kalmiae (Deuteromycetes)

KERRIA:

Phoma japonica (Deuteromycetes)

LABURNUM:

Coniothyrium cytisellum (Deuteromycetes)

LAELIA:

Phomopsis orchidophila (Deuteromycetes)

Septoria selenophomoides (Deuteromycetes)

Uredo behnickiana (Promycetes)

LESPEDeza:

Uromyces lespedezae-procumbentis (Promycetes)

LILIUM:

Colletotrichum liliacearum (Deuteromycetes)

†*Tritirachium dependens* (Deuteromycetes)

LOLIUM:

†*Ustilago striiformis* (Promycetes)

LYCOPERSICON:

"Tomato pox"

MALUS:

Cylindrosporium pomi (Deuteromycetes)

Monilinia fructigena (Ascomycetes)

Mycosphaerella pomi (Ascomycetes)

Neofabraea malicorticis (?) (Ascomycetes)

Phomopsis mali (?) (Deuteromycetes)

†*Physalospora obtusa* (Ascomycetes)

MANGIFERA:

Phyllosticta mortoni (Deuteromycetes)

†*Phyllostictina mangiferae* (Deuteromycetes)

Sphaceloma mangiferae (Deuteromycetes)

MANIHOT:

†*Cercospora caribaea* (Deuteromycetes)

MENTHA:

Puccinia menthae (Promycetes)

MUSA:

Cercospora musae (Deuteromycetes)

Cordana musae (Deuteromycetes)

†*Gloeosporium musarum* (Deuteromycetes)

NARCISSUS:

†*Fusarium oxysporum* f. *narcissi* (Deuteromycetes)

Ophiostoma narcissi (Ascomycetes)

†*Ramularia vallisumbrosae* (Deuteromycetes)

ODONTOGLOSSUM:

Septoria selenophomoides (Deuteromycetes)

OLEA:

Macrophoma oleae (Deuteromycetes)

ONCIDIUM:

Uredo behnickiana (Promycetes)

Uredo oncidii (Promycetes)

ORCHID:

Anthostomella keissleri (Ascomycetes)

†*Hypocrella caulium* (Ascomycetes)

Micropeltis bakeri (Ascomycetes)

Pestalotia conspiciua (Deuteromycetes)

Phyllostictina pyriformis (Deuteromycetes)

Septoria selenophomoides (Deuteromycetes)

ORNITHOGALUM:

Puccinia ornithogali-thyrsoideis (Promycetes)

ORYZA:

Entyloma oryzae (Promycetes)

PAEONIA:

Pestalotia rhododendri (Deuteromycetes)

Sclerotopsis testudinea (Deuteromycetes)

Thielaviopsis basicola (Deuteromycetes)

PALM:

Esosporium palmivorum (Deuteromycetes)

†*Graphiola phoenicis* (Promycetes)

PANICUM:

Cerebella andropogonis (Deuteromycetes)

PASPALUM:

Cerebella andropogonis (Deuteromycetes)

PASTINACA:

Phoma nebulosa (Deuteromycetes)

PELARGONIUM:

Puccinia pelargonii-zonalis (Promycetes)

PENNISETUM:

Cerebella andropogonis (Deuteromycetes)

Sphaelotheca penniseti (Promycetes)

PERSEA:

Cercospora purpurea (Deuteromycetes)

PHAJUS:

Coleosporium bltieae (Promycetes)

PHASEOLUS:

†*Colletotrichum truncatum* (Deuteromycetes)

Phytophthora phaseoli (Phycomycetes)

†*Pseudomonas phaseolicola* (?) (Schizomycetes)

Uromyces phaseoli (Promycetes)

PHILODENDRON:

Colletotrichum philodendri (Deuteromycetes)

Discosia artocreas (Deuteromycetes)

Phyllachora engleri (Ascomycetes)

Uredo jucunda (Promycetes)

PHELUM:

†*Septoria phleina* (?) (Deuteromycetes)

PHRAGMITES:

†*Puccinia phragmitis* (Promycetes)

PICEA:

†*Chrysomyza ledicola* (Promycetes)

†*Thecopsora areolata* (Promycetes)

PINUS:

†*Cytospora pinastri* (Deuteromycetes)

Lophodermium pinastri (Ascomycetes)

†*Microditiodia conigena* (Deuteromycetes)

PISUM:

†*Pseudomonas seminum* (?) (Schizomycetes)

POA:

†*Puccinia poae-nemoralis* (Promycetes)

PROTEA:

Cercospora protearum (Deuteromycetes)

PRUNUS AMYGDALUS:

Taphrina deformans (Ascomycetes)

PRUNUS ARMENTACA:

Coryneum carpophilum (Deuteromycetes)

A dagger (†) indicates a first interception from the country named.

A double dagger (‡) indicates first record of its interception from Branch inspectors.

Host and Diseases—Continued

PRUNUS DOMESTICA:

- †*Monilinia laxa* (Ascomycetes)
 †*Myriangium duriae* (Ascomycetes)

PRUNUS PERSICA:

- Coryneum carpophilum* (Deuteromycetes)
 †*Monilinia laxa* (Ascomycetes)

PSIDIUM:

- Pestalotia psidii* (Deuteromycetes)

PUNICA:

- Cercospora punicae* (Deuteromycetes)
Sphaceloma punicae (Deuteromycetes)

PYRUS:

- †*Fusicladium pyrinum* (Deuteromycetes)
Monilinia fructigena (Ascomycetes)

RHODODENDRON:

- Chrysomya ledi* var. *rhododendri* (Promycetes)
 †*Colletotrichum azaleae* (Deuteromycetes)
Diplodina eurhododendri (Deuteromycetes)
Pestalotia rhododendri (Deuteromycetes)

ROSA:

- †*Diaporthe eres* (Ascomycetes)
Phragmidium disciflorum (Promycetes)

RUSCUS:

- Leptosphaeria rusci* (Ascomycetes)
Phyllosticta ruscicola (Deuteromycetes)

SACCHARUM:

- Cercospora vaginiae* (Deuteromycetes)
 †*Cytospora sacchari* (Deuteromycetes)

SALIX:

- †*Cytospora fertilis* (Deuteromycetes)
 †*Cytospora salicis* (Deuteromycetes)
 †*Diplodina salicis* (Deuteromycetes)

SANSEVIERIA:

- †*Gloeosporium sansevieriae* (Deuteromycetes)

SCAPHYLOTTIS:

- Pestalotia conspicua* (Deuteromycetes)

SCHISMUS:

- †*Ustilago schismi* (Promycetes)

SCINDAPSUS:

- †*Colletotrichum pothi* (Deuteromycetes)
Phoma engleri (Deuteromycetes)

SCIRPUS:

- Puccinia scirpi* (Promycetes)

SCIRPUS (?):

- †*Physoderma schroeteri* (Phycomycetes)

SCLERIA (?):

- †*Phyllachora scleriae* (Ascomycetes)

SOBRALIA:

- †*Mycosphaerella cattleyae* (Ascomycetes)

SOIL:

- Heterodera avenae* (Nematoda)
Heterodera cacti (Nematoda)
 †*Heterodera humuli* (Nematoda)
Heterodera punctata (Nematoda)
Heterodera rostochiensis (Nematoda)
 †*Heterodera schachtii* (Nematoda)

SOLANUM:

- Macrophomina phaseolina* (Deuteromycetes)
Meloidogyne incognita (Nematoda)
 †*Meloidogyne javanica* (Nematoda)
Oospora pustulans (Deuteromycetes)
 †*Phytophthora erythroseptica* (Phycomycetes)

SORGHUM:

- Phoma insidiosa* (Deuteromycetes)

SPONDIAS:

- †*Sphaceloma spondiadis* (Deuteromycetes)

STANHOPEA:

- Pestalotia conspicua* (Deuteromycetes)
Phyllosticta pyriformis (Deuteromycetes)
Septoria selenophomoides (Deuteromycetes)

THUJA:

- Pestalotia funerea* (Deuteromycetes)

TRIFOLIUM:

- Polythrincium trifolii* (Deuteromycetes)
Uromyces trifolii

TRITICUM:

- Colletotrichum graminicola* (Deuteromycetes)
 †*Hendersonia crastophila* (Deuteromycetes)
Leptosphaeria eustomoides (Ascomycetes)
 †*Neovossia indica* (Promycetes)

URGINEA:

- Macrophomina phaseolina* (Deuteromycetes)

VANDA:

- Pestalotia conspicua* (Deuteromycetes)

YUCCA (?):

- Stagonospora macrospora* (Deuteromycetes)

ZANTEDESCHIA:

- †*Meloidogyne javanica* (Nematoda)

ZINGIBER:

- Melonospora zamiae* (Ascomycetes)

ZORNIA:

- †*Sphaceloma zorniae* (Deuteromycetes)

Hosts Unknown

BEAN:

- †*Ascochyta bolthauseri* (Deuteromycetes)

GRASS:

- Phyllachora graminis* (Ascomycetes)

HAY:

- Phyllachora graminis* (Ascomycetes)

LEGUMINOSAE:

- †*Phyllosticta phaseolina* (Deuteromycetes)

Countries of Origin and Diseases

AFGHANISTAN:

- †*Entyloma crastophilum*
 †*Neovossia indica*
Puccinia aeluropi
 †*Puccinia hordei*
 †*Puccinia poae-nemoralis*
 †*Septoria phleina* (?)
 †*Uromyces hordeinus*
Uromyces punctatus
 †*Uromyces trifolii*
Ustilago avenae (?)
 †*Ustilago schismi*

AFRICA:

- †*Gloeosporium musarum*

ALGERIA:

- Heterodera cacti*

ANTIGUA:

- Cercospora vaginiae*

ARGENTINA:

- Elsinoe australis*
Heterodera rostochiensis
Meloidogyne incognita
Septoria citri
Xanthomonas sp. (Cancerosis B)

AUSTRALIA:

- †*Botrytis gladiolorum*
Cerebella andropogonis
Colletotrichum lilacearum
Cryptospora longispora
 †*Dothiorella gregaria*
Macrophoma araucariae
Pestalotia conspicua
Phoma citricarpa
 †*Pseudomonas syringae*
 †*Septonema toruloides*

AUSTRIA:

- Heterodera rostochiensis*

AZORES:

- † *Macrophoma mollariana*
Meloidogyne incognita
Meloidogyne javanica
Puccinia menthae

BAHAMAS:

- Uredo nigropuncta*

BARBADOS:

- †*Sphaceloma spondiadis*

A dagger (†) indicates a first interception from the country named.

A double dagger (‡) indicates first record of its interception from Branch inspectors.

Countries of Origin and Diseases—Continued

BELGIUM:

- †*Ascochyta aucubae* (?)
- †*Fusarium oxysporum* f. *narcissi*
- Heterodera avenae*
- Heterodera rostochiensis*
- Macrophomina phaseolina*

BERMUDA:

- †*Cercospora ipomoeae*

BRAZIL:

- Cercospora coffeicola*
- †*Colletotrichum truncatum*
- Elsinoe australis*
- Heterodera rostochiensis*
- Leprosis
- Pestalotia conspicua*
- Pestalotia funerea*
- Septoria selenophomoides*
- Uredo behnickiana*
- Uredo oncidii*
- Xanthomonas* sp. (Cancrosis B)

CANADA:

- †*Chrysomya ledicola*
- Pestalotia funerea*
- Stromatinia gladioli*

CANAL ZONE:

- Anthostomella keissleri*
- Microveltis bakeri*
- Mycosphaerella cattleyae*
- Pestalotia conspicua*
- Phyllosticta pyriformis*
- Uredo epidendri*

CANARY ISLANDS:

- †*Microdiplodia conigena*

CEYLON:

- Pestalotia conspicua*

CHILE:

- Macrophomina phaseolina*
- Ustilago bullata*

CHINA:

- Phoma citricarpa*
- Xanthomonas citri*

COLOMBIA:

- Uredo epidendri*

COSTA RICA:

- Anthostomella keissleri*
- †*Hypocrella caulium*
- Mycosphaerella cattleyae*
- Phyllachora engleri*
- Uredo epidendri* (?)
- Uredo jucunda*
- Uredo oncidii*

CUBA:

- Asperisporium caricae*
- Curvularia trifolii*

CZECHOSLOVAKIA:

- Dendrophoma obscurans*

DENMARK:

- Heterodera avenae*
- Heterodera rostochiensis*

DOMINICAN REPUBLIC:

- Cordana musae*

ECUADOR:

- †*Cercospora caribaea*
- †*Phyllosticta phaseolina*

EGYPT:

- Heterodera schachtii*
- Meloidogyne javanica*

ENGLAND:

- Cercospora kalmiae*
- Chrysomya ledi* var. *rhododendri*
- Colletotrichum liliacearum*
- †*Cytospora fertilis*
- †*Diplodina salicis*
- Heterodera avenae*
- Heterodera punctata*
- Heterodera rostochiensis*
- Mycosphaerella pomi*
- †*Pseudomonas phaseolicola* (?)
- Puccinia buxi*
- †*Ramularia vallisumbrosae*
- †*Septoria aristolochiae* (?)
- Septoria selenophomoides*
- Thielariopsis basicola*

FIJI ISLANDS:

- Phoma citricarpa*

FINLAND:

- Heterodera punctata*

FORMOSA:

- Phoma citricarpa*

FRANCE:

- Colletotrichum graminicola*
- Fusarium oxysporum* f. *gladioli*
- Heterodera avenae*
- Heterodera cacti*
- Meloidogyne javanica*
- †*Monilinia laxa*
- Phragmidium disciflorum*
- Stromatinia gladioli*

GERMANY:

- †*Ascochyta bolthauseri*
- †*Cytospora salicis*
- †*Diaporthe eres*
- †*Fusicladium pyrinum*
- Heterodera avenae*
- Heterodera cacti*
- Heterodera punctata*
- Heterodera rostochiensis*
- Leptosphaeria eustomoides*
- Monilinia fructigena*
- Neofabraea malicorticis* (?)
- Oidium euonymi-japonici*

GREECE:

- Heterodera avenae*
- †*Marssonina juglandis*

GUADELOUPE:

- †*Phakopsora jatrophicola*

GUAM:

- Eutypella cocos*

GUATEMALA:

- Mycosphaerella cattleyae*

HAWAII:

- Phoma citricarpa*
- Phyllosticta mortoni*
- Puccinia pelargonii-zonalis*
- Uromyces alyziae*

HONDURAS:

- Cercospora musae*
- Uredo oncidii*

INDIA:

- Colesporium bletiae*
- Entyloma oryzae*
- Meloidogyne incognita*
- Phyllachora graminis*
- Xanthomonas citri*

INDONESIA:

- Xanthomonas citri*

IRAN:

- Cintractia caricis*
- Polythrincium trifolii*

IRELAND:

- Heterodera punctata*
- Heterodera rostochiensis*
- Oospora pustulans*
- †*Plasmodiophora brassicae*
- Puccinia buxi*
- †*Trochila ilicis*

ISRAEL:

- †*Leptosphaeria heterospora*

ITALY:

- †*Alternaria dianthicola*
- †*Coniothecium scabrum*
- Coryneum carpophilum*
- Erwinia citrimaculans*
- Fusicladium eriobotryae*
- Heterodera avenae*
- Heterodera cacti*
- Leptosphaeria rusci*
- Macrophoma oleae*
- Meloidogyne incognita*
- Meloidogyne javanica*
- Monilinia fructigena*
- Papulaspora parasitica*
- Phoma citricarpa*
- †*Phyllachora scleriae*
- Phyllosticta ruscicola*
- Puccinia scirpi*

A dagger (†) indicates a first interception from the country named.

A double dagger (‡) indicates first record of its interception from Branch inspectors.

Countries of Origin and Diseases—Continued

ITALY—Continued

Septoria citri
Sphaceloma puniceae

JAMAICA:

Puccinia cannae
Uredo epidendri (?)

JAPAN:

Colletotrichum lilacearum
Cryptospora longispora
Discosia artocreas
Entyloma oryzae
Gymnosporangium haraeaeum
† *Hendersonia crastophila*
Macrophomina phaseolina
Meloidogyne hapla
† *Monilinia laxa*
† *Mycosphaerella euryae*
Mycosphaerella schoenoprasii
† *Pestalotia annulata*
† *Pestalotia eriobotryae*
Phoma citricarpa
Phomopsis mali (?)
† *Phyllosticta antirrhini*
Puccinia chrysanthemi
Puccinia horiana
† *Puccinia phragmitis*
Sclerotopsis testudinea
Septoria citri
† *Stereostroma corticioides*
Stromatinia gladioli
Uromyces lespeziae-procumbentis
Xanthomonas citri

JAVA:

Phoma citricarpa

KENYA:

Cerebella andropogonis
Phyllachora cynodontis

LEBANON:

Taphrina deformans

LIBERIA:

† *Hypocrella olivacea*

LUXEMBOURG:

Heterodera avenae

MARTINIQUE:

† *Colletotrichum pothi*
Phoma engleri

MEXICO:

Asperisporium caricae
Cercospora coffeicola
† *Cercospora crotonis*
Cercospora insulana
† *Cercospora punicea*
Cercospora purpurea
Coleosporium ipomoeae
† *Colletotrichum anthurii*
† *Colletotrichum dieffenbachiae*
† *Colletotrichum ficus* (?)
Coniothyrium olivaceum
Coryneum carpophilum
† *Cytospora sacchari*
† *Diaporthe eres*
Discosia artocreas
Entyloma oryzae
Eriosporium palmivorum
† *Helminthosporium cucumerinum*
† *Hendersonia agaves*
Heterodera cacti
Heterodera punctata
Heterodera rostochiensis
Leprosis
Macrophomina phaseolina
Mycosphaerella cattleyae
Myriangium duriae
Omphalia flarida
† *Pestalotia coffeae*
Pestalotia psidii
Phomopsis orchidophila
Phomopsis palmicola
Phyllachora graminis
† *Phyllosticta mangiferae*
Phyllosticta pyrifomis
Phytophthora phaseoli

MEXICO—Continued

Puccinia baccharidis
Ringspot virus
Septoria selenophomoides
Sphaceloma mangiferae
Sphaceloma puniceae
Stagonospora macrospora
"Tomato pox"
Uredo behnickiana
Uromyces phaseoli

MOROCCO:

Heterodera avenae

NETHERLANDS:

Cercospora kalmiae
† *Colletotrichum azaleae*
Coniothyrium cytisellum
† *Cryptosporium nesii* (?)
Cylindrosporum pomi
† *Diplodia magnoliae*
Diplodia eurhododendri
Fusicoccum galericulatum
† *Gymnosporangium clavipes*
Heterodera punctata
Heterodera rostochiensis
† *Heterosporium iridis*
Meloidogyne hapla
Pestalotia rhododendri
† *Phoma apiculata*
Phoma japonica
† *Phomopsis macrostomae*
† *Phytophthora erythroseptica*
Stromatinia gladioli
Thielaviopsis basicola

NEW GUINEA:

Guignardia traversi
Phyllostictina pyrifomis
Xanthomonas citri

NEW ZEALAND:

Pestalotia rhododendri
Phoma citricarpa
† *Physalospora obtusa*

NIGERIA:

Phoma insidiosa

NORFOLK ISLAND:

Cryptospora longispora
Macrophoma araucariae
Pestalotia micheneri

NORTHERN IRELAND:

Ophiostoma narcissi

NORWAY:

Heterodera punctata
Thecospora areolata

OKINAWA:

Trilicium dependens

ORIENT:

Phoma citricarpa

PANAMA:

† *Colletotrichum anthurii*
Micropeltis bakeri
Phyllostictina pyrifomis
Septoria citri
Uredo anthurii

PARAGUAY:

Elsinoe australis

PERU:

Heterodera rostochiensis
Thielaviopsis basicola
† *Ustilago striaeformis*

PHILIPPINES:

Eutypella cocos
† *Gloeosporium sanssericiae*
Meliola citricola
Xanthomonas citri

PITCAIRN ISLAND:

Erwinia citrimaculans

POLAND:

Heterodera rostochiensis

PORTUGAL:

† *Physoderma schroeteri*

PUERTO RICO:

† *Alternaria gomphrenae*
† *Colletotrichum anonicola*

A dagger (†) indicates a first interception from the country named.

A double dagger (‡) indicates first record of its interception from Branch inspectors.

PUERTO RICO—Continued

Colletotrichum philodendri†*Colletotrichum thuementii**Phyllosticta cajani*

RHODESIA:

‡*Sphacelotheca penniseti*

ST. KITTS:

†*Sphaceloma zorniae*

SALVADOR:

†*Mycosphaerella cattleyae*

SCOTLAND:

Colletotrichum liliacearum†*Cytospora pinastri**Heterodera punctata**Heterodera rostochiensis*†*Leptosphaeria heterospora**Lophodermium pinastri*

SPAIN:

Entyloma oryzae†*Fusarium oxysporum* f. *cepa**Heterodera avenae**Heterodera rostochiensis*†*Phyllosticta extensa**Septoria citri*

SPANISH MOROCCO:

Ringspot virus

STRAITS SETTLEMENTS:

Phoma citricarpa

SWEDEN:

*Heterodera rostochiensis**Phoma nebulosa*

SWITZERLAND:

Chrysomya ledi var. *rhododendri**Heterodera cacti*†*Heterodera humuli*

TRANSVAAL:

Cerebella andropogonis

TRINIDAD:

*Cercospora purpurea**Uredo oncidii*

TUNISIA:

Septoria citri

TURKEY:

†*Graphiola phoenicis*†*Macrophomina phaseolina*†*Pseudomonas seminum* (?)

UNION OF SOUTH AFRICA:

*Cercospora protearum**Coryneum carpophilum**Erwinia citrimaculans**Phoma citricarpa**Puccinia ornithogalli-thyrsoideis*

UNKNOWN:

*Cercospora kalmiae**Chrysomya ledi* var. *rhododendri**Heterodera rostochiensis**Puccinia buxi**Xanthomonas citri*

URUGUAY:

Elsinoe australis

WALES:

Heterodera rostochiensis

A dagger (†) indicates a first interception from the country named.

A double dagger (‡) indicates first record of its interception from Branch inspectors.

UNITED STATES DEPARTMENT OF AGRICULTURE

AGRICULTURE RESEARCH SERVICE

PLANT QUARANTINE DIVISION

LIST OF INTERCEPTED PLANT PESTS, 1956

(List of Pests Recorded from July 1, 1955, through June 30, 1956 as Intercepted in, on, or with Plants and Plant Products Entering United States Territory.)

Complied by
Judith Hunt
Plant Quarantine Aid

INTRODUCTION

This forty-third report of interceptions summarizes the records of insect pests, plant pathogens, and certain other organisms found in, on, or with plant products (1) imported, (2) offered for but refused entry, (3) held as ships' stores, etc., and hence not offered for entry through customs, (4) offered for entry for immediate transportation and exportation in bond, and (5) in domestic shipments between the American Virgin Islands, Hawaii, and Puerto Rico and the mainland.

This report deals with insects and plant diseases of known or potential plant quarantine significance to the United States. Some common organisms are included if they are (1) new to the country of origin, or (2) new to the host plant, or (3) are of such limited distribution in the United States that they are worthy of mention.

The data for this list which includes some for the previous year, are largely obtained from identifications made by specialists of the Entomology Research Division and Plant Quarantine Division, supplemented by information supplied by State officials. Some, however represent critical studies and determinations made by specialists of the Crops Research Division who also identified many of the host plants cited.

All scientific names are reviewed by specialists in the Department to assure conformance to the International Rules of Nomenclature.

Every effort is made to give the correct origin for all collections listed, questionable cases are omitted or the origin is listed as unknown.

INTERCEPTIONS FROM AIRBORNE MATERIAL

The rapid growth of air transportation continues to increase the danger of foreign plant pests being introduced by this means. In addition to international air travel, commerce in plants and plant products by air is developing steadily. The short time in which pests may now be brought from all parts of the world makes conditions more favorable for their survival and necessitates constant vigilance to apprehend them at ports of entry.

Pests were intercepted on plant material arriving by baggage, express, freight, mail, and stores. During the year 3,367 interceptions were made of insects on imported plant parts or as stowaways, and 476 interceptions of plant diseases.

Some important insects intercepted in airborne material were:

The citrus blackfly (*Aleurocanthus woglumi*) on leaf of *Citrus* sp. in baggage from Mexico.

Anastrepha distincta (?) in inga pod in express from Guatemala.

Anastrepha fraterculus in sapodilla in baggage from Venezuela.

The Mexican fruit fly (*Anastrepha ludens*) in mango in baggage from Mexico; in orange in baggage and stores from Mexico; and in orange in baggage from Guatemala.

The West Indian fruit fly (*Anastrepha mombinpraeopians*) in mango in baggage from Costa Rica, Cuba, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, and Salvador; in mango in cargo from Costa Rica, Guatemala, and Puerto Rico; in mango in mail from Puerto Rico and Salvador; and in mango in quarters from Guatemala.

Anastrepha serpentina in *Annona* sp. in baggage from Peru; in sapodilla in baggage from Guatemala, Nicaragua, and Salvador; and in star-apple in cargo from Guatemala. One adult of *A. serpentina* in cabin of an airplane from Central America or South America.

Anastrepha striata in guava in baggage from British Honduras, Costa Rica, Nicaragua, and Salvador and in guava in quarters from Guatemala.

Carposina sasakii in apple in baggage and stores from Japan.

The Mediterranean fruit fly (*Ceratitis capitata*) in apple in baggage from Italy; in apple in quarters from Portugal; in apple in stores from the Azores, Portugal, and Spain; in apricot in baggage and stores from Italy; in apricot in stores from an unknown origin; in coffee berries in baggage from Brazil; in coffee berries in pre-flight inspection of baggage and cargo leaving Hawaii for the mainland; in fig in baggage from the Island of Rhodes and Italy; in guava in baggage from the Azores and Israel; in loquat in baggage from the Azores; in Mandarin orange in baggage from Cape Verde Islands and Israel; in medlar in baggage from Italy; in nectarine in stores from France; in orange in baggage from Israel, Italy, Lebanon, and Portugal; in orange in stores from the Azores, Israel, Portugal, and Spain; in peach in baggage from Italy, Lebanon, Portugal, and Spain; in peach in cargo from Italy; in peach in stores from Brazil, France, Italy, Portugal, and Spain; in pear in baggage from France, Portugal, and Spain; in pear in quarters from Libya and an unknown origin; in pear in stores from Portugal; in pricklypear in baggage from Italy; in quince in baggage from Greece; and in sweet lime in baggage from the Azores. *C. capitata* (?) in green almond in baggage from Greece; in guava in baggage from Portugal; in guava in quarters from South America; in lemon in stores from Spain; in mango and mountain apple in preflight inspection of baggage leaving Hawaii for the mainland; in nectarine in stores from Brazil; in orange in baggage from Israel and Italy; in orange in stores from the Azores, Portugal, and Spain; in peach in baggage from Italy; in peach in stores from Spain; in pear in quarters from Italy; and in persimmon in baggage from Italy.

The banana root borer (*Cosmopolites sordidus*) in root of banana plant in baggage from Panama.

Cylas formicarius ssp. in sweetpotato in cargo from the Philippines and Thailand.

An adult of *Dacus cucurbitae* was found in preflight inspection of a plane leaving Hawaii for the mainland and another adult of the same species was found on the flight deck of an airplane originating in Midway.

Dacus dorsalis in coffee berries, mango, papaya, and ti berries in preflight inspection of baggage leaving Hawaii for the mainland. An adult of *D. dorsalis* was found in an airplane leaving Hawaii for the mainland and another adult was found on an airplane

from the West Pacific. *D. dorsalis* (?) in *Thevetia peruviana* in preflight inspection of baggage leaving Hawaii for the mainland.

Dacus oleae in olive in baggage from Greece, Italy, Lebanon, and Portugal and in olive in stores from Italy.

Possibly *Dacus passiflora* in mango in baggage from the Fiji Islands.

Olethreutes leucotreta in orange in stores from the Union of South Africa.

The pink bollworm (*Pectinophora gossypiella*) in cottonseed in baggage from Puerto Rico; in cotton boll in preflight inspection of baggage leaving Hawaii for the mainland; and in seed cotton in baggage from Italy.

Rhagoletis cerasi in cherry in baggage from France, Germany, and Italy, in cherry in quarters from France; and in cherry in stores from the Azores, France, Israel, Italy, Portugal, and Switzerland.

The khapra beetle (*Trogoderma granarium*) in rice in cargo from India.

Interceptions of airborne plant pathogens of interest were:

Chrysomya ledi var. *rhododendri* on alpine azalea in baggage from Switzerland.

Daphne mosaic virus on foliage of daphne in mail from England.

Guignardia traversi on *Stanhopea* sp. in cargo from the Canal Zone.

Ophiotothella orchidearum on *Epidendrum* sp. in cargo from Cuba.

Phleospora pistaciae on pistache nut in baggage from Lebanon.

Phoma citricarpa on *Citrus* sp. in baggage from the Philippines; on lemon in stores from Portugal; and on Mandarin orange in baggage from Indo-China.

Phyllostictia pyrifomis on an orchid leaf in cargo from Honduras.

Puccinia asparagi on asparagus in baggage from Greece.

Puccinia buxi on a box leaf in baggage from Italy.

Puccinia scirpi on stems of *Scirpus maritimus* in baggage from Portugal.

Puccinia urbaniana on leaf of *Stachytarpheta jamaicensis* in baggage from Martinique.

Septoria unedonis on leaf of strawberry tree in baggage from Ireland.

Uredo behnickiana on a leaf of *Phajus* sp. in cargo from Jamaica.

Uredo guacae on leaf of *Epidendrum* sp. in cargo from Jamaica; and on an orchid leaf in cargo from Honduras.

Uredo oncidii on leaf of *Oncidium pulchellum* in baggage from Jamaica.

Uromyces transversalis on a gladiolus leaf in cargo from the Union of South Africa.

Citrus canker (*Xanthomonas citri*) on Mandarin orange in baggage from China; on Mandarin orange in baggage and stores from Japan and the Philippines; on an orange in baggage from China and Japan; and on an orange in stores from Japan.

The following nematodes were also found in airborne material:

The oat nematode (*Heterodera avenae*) in soil with dried seed beans in baggage from Brazil; in soil with fuchsia and oleander plants in baggage from Austria; in soil with strawberry plants in cargo from Germany; and in soil with tulip bulbs in baggage from Spain.

Heterodera fici in soil with carnation and fig plants in baggage from Italy; and in soil with fig roots in mail from Italy.

Heterodera humuli in soil with hop cuttings in cargo from Switzerland.

Heterodera punctata in soil with narcissus bulbs and plants in baggage from Germany; in soil with geranium plants and gladiolus corms in baggage from Ireland.

The golden nematode (*Heterodera rostochiensis*) in soil with pine seedlings in baggage from Germany; in soil with begonia, carnation, clover, and geranium plants in baggage from Germany; and in soil with potatoes in mail from England.

Pratylenchus penetrans with roots of clematis in cargo from the Netherlands.

NOTES ON INSECTS INTERCEPTED

FRUIT FLIES

The following fruit flies were intercepted:

Anastrepha distincta (?) in inga pod in air express from Guatemala.

Anastrepha fraterculus in grapefruit and orange in stores from Brazil and in sapodilla in air baggage from Venezuela. *A. fraterculus* (?) in grapefruit in stores from Brazil; and in orange in stores from Argentina and Brazil.

The Mexican fruit fly (*Anastrepha ludens*) in apple in baggage from Mexico; in grapefruit in baggage from Mexico and in grapefruit in stores from Nicaragua; in Mandarin orange in baggage from Mexico; in mango in baggage, air baggage, and quarters from Mexico; in orange in baggage and air baggage from Guatemala; in orange in baggage, air baggage, quarters, stores and air stores from Mexico; and in pear, pomegranate, ponderosa lemon, quince, sapote, and sweet lime in baggage from Mexico.

The West Indian fruit fly (*Anastrepha mombinpraeoptans*) in almonds in quarters from Trinidad; in grapefruit in stores from Barbados; in guava in baggage from Mexico and in air baggage from Nicaragua and Trinidad; in guava-berry in baggage and cargo from Tortola; in mango in air baggage from Costa Rica, Cuba, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, and Salvador; in mango in baggage from Mexico, Panama, and Puerto Rico; in mango in air cargo from Costa Rica, Guatemala, and Puerto Rico; in mango in cargo from Dominica; in mango in air mail from Puerto Rico and Salvador; in mango in air quarters from Guatemala; in mango in quarters from Cuba and Haiti; in mango in stores from Guatemala, Panama, and Puerto Rico; in pear in baggage from Mexico; in purple mombin in air baggage from Nicaragua; in *Spondias* sp. in air baggage from Nicaragua and Salvador; in *Spondias* sp. in baggage from Panama; in yellow mombin in air baggage from Guatemala, Nicaragua, and Salvador; in yellow mombin in air cargo from Guatemala; and in yellow mombin in cargo from Jost Van Dykes.

Anastrepha serpentina in *Annona* sp. in air baggage from Peru; in mamey sapote in baggage from Mexico; in sapodilla in air baggage from Guatemala, Nicaragua, and Salvador; and in star-apple in air cargo from Guatemala. One adult of *A. serpentina* in passenger's cabin of an airplane from Central America or South America.

Anastrepha striata in guava in air baggage from British Honduras, Costa Rica, Nicaragua, and Salvador; in guava in baggage from Mexico; in guava in air quarters from Guatemala; and in mango in stores from Panama.

The Mediterranean fruit fly (*Ceratitis capitata*) in apple in air baggage and baggage from Italy; in apple in air quarters from Portugal; in apple in air stores from the Azores, Portugal, and Spain; in apple in stores from Spain; in apricot in air baggage from Italy; in apricot in cargo and stores from Spain; in apricot in air stores from Italy and an unknown origin; in carambola in baggage from Hawaii; in coffee berries in air baggage from Brazil; in coffee berries in baggage from Hawaii; in coffee berries in preflight inspection of baggage and cargo leaving Hawaii for the mainland; in coffee berries in mail leaving Hawaii for the mainland; in *Crataegus* sp. in baggage from Italy; in fig in air baggage from the Island of Rhodes and Italy; in grapefruit in quarters from Israel; in grapefruit in stores from Israel and Italy; in guava in air baggage from the Azores and Israel; in loquat in air baggage from the Azores; in Mandarin orange in air baggage from Cape Verde Islands and Israel; in Mandarin orange in baggage from Italy; in medlar in air baggage from Italy; in nectarine in air stores from France; in orange in air baggage from Israel, Italy, Lebanon, and Portugal; in orange in baggage from Algeria, Greece, and Italy; in orange in quarters from the Union of South Africa; in orange in air stores from the Azores, Israel, Portugal, and Spain; in orange in stores from Brazil, Canary Islands, Egypt, Israel, Italy, and Spain; in peach in air baggage from Italy, Lebanon, Portugal, and Spain; in peach in baggage from an unknown origin; in peach in air stores from Brazil, France, Italy, Portugal, Spain, and an unknown origin; in peach in stores from France; in pear in air baggage from France, Portugal and Spain; in pear in baggage from Spain; in pear in air quarters from Libya and unknown origin; in pear in quarters from Portugal; in pear in air stores from Portugal; in pear in stores from Spain; in pomegranate in baggage from Italy; in pricklypear in air baggage from Sicily; in pricklypear in baggage and stores from Italy; in quince in air baggage from Greece; and in sweet lime in air baggage from the Azores. *C. capitata* (?) in almond in air baggage from Greece; in apple in air quarters from the Azores (?); in apple in air stores from Portugal; in coffee berry in preflight inspection of baggage leaving Hawaii for the mainland; in grape in baggage from Italy; in grapefruit in stores from British East Africa; in guava in air baggage from the Azores and Portugal; in guava in air quarters from an unknown origin; in lemon in air stores from Spain; in mango and mountain apple in preflight inspection of baggage leaving Hawaii for the mainland; in nectarine in air stores from Brazil; in orange in air baggage from Israel and Italy; in orange in baggage from Italy and Palestine; in orange in air stores from the Azores, Portugal, and Spain; in orange in stores from Brazil; in peach in air baggage from Italy; in peach in air stores from Spain and an unknown origin; in pear in air quarters from Italy; in persimmon in air baggage from Italy; and in pricklypear in baggage from Italy.

The melon fly (*Dacus cucurbitae*) in cucumber and tomato in stores from Hawaii. One adult of the melon fly was found on an airplane during preflight inspection at Hickam Field, Hawaii and another adult was found at Hickam Field on the flight deck of an airplane originating in Midway.

The oriental fruit fly (*Dacus dorsalis*) in coffee berries, mango, papaya, and ti berries in preflight inspection of baggage leaving Hawaii for the mainland; and in *Ficus* sp., guava, and persimmon in mail leaving Hawaii for the mainland. One adult of *D.*

dorsalis was found on an airplane from the West Pacific (?) and another adult was found during preflight inspection of a plane leaving Hawaii for the mainland. *D. dorsalis* (?) in mango in baggage from Hawaii; in *Thevetia peruviana* in preflight inspection of baggage leaving Hawaii for the mainland; and in tropical almond in mail leaving Hawaii for the mainland.

The olive fruit fly (*Dacus oleae*) in olive in air baggage from Greece, Italy, Lebanon, and Portugal; and in olive in baggage, air stores, and stores from Italy.

Dacus passiflorae (?) in mango in air baggage from the Fiji Islands.

Rhagoletis cerasi in cherry in air baggage from France, Germany, and Italy; in cherry in air quarters from France; and in cherry in air stores from the Azores, France, Israel, Italy, Portugal, Switzerland, and an unknown origin.

Rhagoletis completa in black walnut in baggage from Mexico.

The apple maggot (*Rhagoletis pomonella*) in apple in air baggage and baggage from Mexico.

The papaya fruit fly (*Toxotrypana curvicauda*) in papaya in stores from Costa Rica.

INSECTS OTHER THAN FRUIT FLIES

The following miscellaneous insects of unusual interest were intercepted:

The citrus blackfly (*Aleurocanthus woglumi*) on an orange leaf and on a leaf of *Citrus* sp. in baggage from Mexico and on sour lime leaf in cargo from Mexico.

A tortricid, *Austrotortrix postvittana* in apple in cargo from New Zealand.

Bruchophagus glycyrrhizae (Eurytomidae) on *Glycyrrhiza* sp. in mail from Iran.

Coptotermes niger, a very destructive termite, in wooden packing case in cargo from Nicaragua.

A curculionid, *Cylas formicarius* ssp. in sweetpotato in air cargo from the Philippines and Thailand and in *Ipomoea* sp. in cargo from China.

Dyspessia ukula (Cossidae) in garlic in cargo from Italy.

A coccinellid, *Epilachna paenulata*, on banana in cargo from Ecuador.

A coccinellid, *Epilachna philippinensis*, on clothing of a crew member on an airplane from Guam.

Frankliniella schultzei (Thripidae) on carnation in air quarters from South America and on chinkerichiee in air cargo, cargo, and mail from the Union of South Africa.

A chrysomelid, *Lilioeris lilii* with lily bulbs in air baggage from Italy.

Olethreutes leucotreta (Olethreutidae) in grapefruit from the Union of South Africa; in orange in stores from Mozambique and the Union of South Africa; and in navel orange in air quarters from North Africa (?).

The durra stem borer (*Sesamia cretica*) in broomcorn in cargo from Italy.

Stephanoderes hampei (Scolytidae) in coffee berries in baggage and mail from Brazil; and in coffee berries in mail from Ceylon.

Trogoderma granarium (Dermestidae) with used burlap bags in cargo from India; with grain bags containing wheat bran, corn meal, and crushed oats from Australia; in rice in stores from Formosa and India; in split peas in stores from India; and in peanut in stores from Formosa.

SNAILS

The giant African snail (*Achatina fulica*) was intercepted on cut flowers of torch ginger during preflight inspection of baggage leaving Hawaii for the mainland.

Bradybaena similis, an injurious snail not established in the United States, was intercepted 119 times with cut flowers and plant material in baggage, cargo, and mail leaving Hawaii for the mainland. It was also intercepted with pineapple in baggage from Brazil and cut flowers of *Lilium* sp. in baggage from Bermuda.

Lamellaris gracilis, injurious in greenhouses and not established in the United States, was found on a philodendron plant during mail inspection of material leaving Hawaii for the mainland.

Other snails of economic importance but of limited distribution in the United States worthy of mention are: *Deroceras reticulatum*, *Limax flavus*, *L. marginatus*, *Milax gagates*, *Oxychilus allarius*, *Theba pisana*, and *Zonitoides orboreus*.

NOTES ON DISEASES INTERCEPTED

The sweet orange scab was intercepted 74 times; 16 of these interceptions came from Argentina on lemon, Mandarin orange, and orange; 57 from Brazil on grapefruit, lemon, Mandarin orange, orange, and sour lime; and one from an unknown origin on orange.

Citrus canker (*Xanthomonas citri*) was intercepted 137 times; 96 of these came from

Japan, 33 from China, 3 from Thailand, 2 from the Philippines, and one each from Ceylon, India, and the Straits Settlements. These interceptions were made from the following hosts: *Citrus grandis*, *C. ichangensis* var., *C. x ichangensis*, *C. sinensis* junos, grapefruit, lemon, Mandarin orange, sour lime, sour orange, and sweet orange.

Cancrosis B. (*Xanthomonas* sp.), another bacterial disease of citrus, producing symptoms similar to citrus canker, was intercepted twice on lemon from Brazil and once on grapefruit from Brazil (?).

Other interceptions are:

Cercospora cyripedii on an orchid leaf in mail from Mexico; and on leaf of *Stanhopea* sp. in baggage from Mexico.

Daphne mosaic virus on daphne foliage in air mail from England.

Diaporthe citri on grapefruit in stores from Ecuador.

Eudarlucula australis on chrysanthemum in air baggage from Japan.

Monilinia fructigena on plum in air baggage from France.

Phoma citricarpa on grapefruit in stores from British East Africa; on grapefruit in stores from Egypt; on grapefruit in baggage from Pakistan; on lemon in air stores from Portugal; and on Mandarin orange in air baggage from Indo-China.

Puccinia erythraeensis on leaves of *Hyparrhenia lintonii* in mail from Kenya.

Puccinia miscanthi on *Miscanthus* sp. in baggage from Japan.

Puccinia phyllostachydis on bamboo leaf in express from Japan.

NEMATODES

The oat nematode (*Heterodera avenae*) was intercepted 32 times from the following countries: Austria, Brazil, Denmark, England, Germany, Greece, Israel, Italy, Spain, and Tunisia. These interceptions were taken in soil with dried seed beans, soil with bulbs, soil with plant material, soil with snails, soil with vegetables, soil with automobiles, and with soil scooped up by a jet plane which crashed in England.

The golden nematode (*Heterodera rostochiensis*) was intercepted 25 times from the following countries: Argentina, England, Germany, Ireland, Mexico, Peru, and Scotland. These interceptions were taken in soil with bulbs, with plant material, and with vegetables.

Rotylenchus bradys, not known to be established in the United States, was intercepted in yam in baggage from Trinidad.

Some other nematodes of possible concern were several species of the genus *Meloidogyne* intercepted from Brazil, Canada, Greece, Guatemala, Hawaii, Israel, Italy, Japan, Mexico, Netherlands, Syria, and Trinidad with various plant materials and with vegetables.

INCOMPLETELY DETERMINED PESTS

Frequently insects or pathogens affecting plant material are found in such stage or conditions that an accurate determination is impossible or impracticable. Some of these pests may be of economic importance.

INSECTS

Among the incompletely determined insects were the following fruit flies:

Anastrepha sp., possibly *distincta*, at New Orleans, La., in inga pod in air mail from Costa Rica and in inga pod in air express from Guatemala.

Anastrepha sp., probably *fraterculus*, at Baltimore, Md., in grapefruit in stores from Trinidad; at Charleston, S. C., in grapefruit in stores from Ecuador; at Eagle Pass, Tex., in mango in baggage from Mexico; at New York, N. Y., in *Annona* spp. in air stores from Colombia and in cherimoya in air baggage from Colombia; and at San Ysidro, Calif., in mango in baggage from Mexico.

Anastrepha sp., possibly *ludens*, at Brownsville, Tex., in apple and pear in baggage from Mexico; at El Paso, Tex., in orange and pear in baggage from Mexico; at Laredo, Tex., in grapefruit in baggage from Mexico; at Miami, Fla., in soursop in air baggage from Nicaragua; and at San Antonio, Tex., in white sapote in air baggage from Mexico.

Anastrepha sp., possibly *mombinpraeoptans*, at Laredo, Tex., and at San Ysidro, Calif., in mango in baggage from Mexico. *Anastrepha* sp., very much like *mombinpraeoptans*, at New York, N. Y., in *Spondias* sp. in baggage from Ecuador.

Anastrepha sp., possibly *serpentina*, at San Antonio, Tex., in quince in air baggage from Mexico.

Anastrepha sp., possibly *striata*, at San Juan, P. R., in guava in air baggage from the Dominican Republic.

Anastrepha sp. at Baltimore, Md., in orange in stores from Peru; at Brownsville, Tex., in mango in air baggage from Nicaragua and in mango, orange, pear, pomegranate and sapote in baggage from Mexico; at Corpus Christi, Tex., in mango in stores from Ecuador; at Eagle Pass, Tex., and El Paso, Tex., in mango in baggage from Mexico; at Hidalgo, Tex., in apple, avocado, and mango in baggage from Mexico; at Houston, Tex., in mango in air baggage from Mexico and in orange in stores from Brazil; at Laredo, Tex., in mamey sapote in baggage from Mexico; at Miami, Fla., in mango in air baggage from Honduras, Nicaragua, and Panama; at Mobile, Ala., in grapefruit in stores from Argentina; in mango in air baggage from Panama; and in mango in quarters from Trinidad; at New York, N. Y., in *Annona* spp. in air baggage from Colombia and Venezuela; at Philadelphia, Pa., in orange in stores from Brazil; at Roma, Tex., in apple in baggage from Mexico; at San Antonio, Tex., in white sapote in air cargo from Mexico; and at San Juan, P. R., in sapodilla in air baggage from the Dominican Republic.

Dacus sp. at Honolulu, Hawaii in balsamapple in preflight inspection of baggage leaving Hawaii for the mainland; at Honolulu, Hawaii in *Nephelium lappaceum* in air baggage from Thailand.

Rhagoletis sp. at Galveston, Tex., in crab apple in quarters from Mexico; and at El Paso, Tex., in thornapple in baggage from Mexico.

Thirty-three interceptions, identified to family only, Tephritidae, were intercepted at the following ports: Baltimore, Md., in cucumber in stores from Liberia and in grapefruit in stores from Brazil; at Boston, Mass., in lemon in stores from Australia; in orange in stores from Argentina; a pupa with parsley in air stores from France (?); and in squash in stores from Indonesia; at Brownsville, Tex., in apple and Rosaceae fruit in baggage from Mexico; at Honolulu, Hawaii in apple in air stores from Australia and Japan; in cactus fruit in air baggage from Guam; in *Durio zibethinus* in air baggage from the Philippines (?); in mangosteen in air stores from Malaya; and in santol in air baggage from the Philippines; at Miami, Fla., in *Pyrus* sp. in air baggage from Panama; at New York, N. Y., in *Cynara* sp. (wild artichoke) in cargo from Italy; in globe artichoke in stores from Italy; in orange in air baggage from Turkey; in plum and radish in air baggage from France; at Nogales, Ariz., with cactus plants in cargo from Mexico; at Philadelphia, Pa., in flower head of bachelors-button in air quarters from an unknown origin; in grapefruit in stores from Australia; and in turnip in stores from French West Africa; pupae at San Antonio, Tex., with leaves of *Chamaedorea oblongata* and *Chamaedorea* sp. in air cargo from Mexico; and in orange in air stores from England; at San Diego, Calif., in tomato in stores from Hawaii; at Seattle, Wash., in mango in air baggage from the Philippines; and at Washington, D. C., in miyama cherry in mail from Japan and pupae with *Rosa* sp. in mail from Iran.

Other incompletely determined insects worthy of mention were:

A bruchid, *Acanthoscelides* sp., apparently new to the National Museum collection, at Washington, D. C., with *Calopogonium mucunoides* in mail from Costa Rica.

Aceria sp. (Eriophyidae), possibly a new species, at Washington, D. C., on *Agropyron* sp. in mail from Iran.

Arphanus sp. (Lygaeidae), a new species, at Nogales, Ariz., on an orchid plant in cargo from Mexico.

A coccid, *Aspidiotus* sp., not recognized as a described form, at San Pedro, Calif., on an orchid leaf in air cargo from Ecuador.

Baris sp. (Curculionidae) at Houston, Tex., in turnip in stores from France.

Blastodacna sp. (Blastodacnidae) at New York, N. Y., in apple in air stores from England.

An undescribed bruchid, apparently representing a new genus and a new species, at Washington, D. C., in seeds of *Prosopis* sp. in mail from Argentina.

Bruchidius sp., near *cicatricosis* (Fahr.) (Bruchidae) and new to the National Museum collection, at Washington, D. C., in crotalaria seed pod in mail from Rhodesia.

Bruchidius sp., near *jocosus* (Schönh.) (Bruchidae), new to the National Museum collection, at New York, N. Y., in white lupine seed in mail from Greece.

Bruchidius sp., near *orchesioides* (Heyd.) (Bruchidae), at Washington, D. C., in *Lotus* sp. pod in mail from Rhodesia.

Bruchidius sp. (Bruchidae), new to the National Museum collection, at Washington, D. C., in seed of *Alysicarpus rugosus* in mail from Rhodesia and Tanganyika; in seed pod of *Astragalus* sp., and seed of sainfoin in mail from Iran; and with *Tephrosia* sp. seed pod in mail from Rhodesia.

A curculionid, *Cleonus* sp. at Philadelphia, Pa., in beet in stores from Egypt; and at New York, N. Y., with horseradish in cargo from Germany.

A phycitid, *Cryptoblabes* sp., at Honolulu, Hawaii on Brazilian peppertree berries in mail leaving Hawaii for the mainland.

A curculionid, determined to family only, at New Orleans, La., in pigeonpea pod in air baggage from Panama.

Cyrtozemia sp., evidently *dispar* Pasc. (Curculionidae), at Washington, D. C., with *Solanum xanthocarpum* in mail from India.

"*Eulia*" sp. (Tortricidae) at New York, N. Y., with grapes and peaches in cargo from Chile.

Gnorimoschema sp., near or equals *atriplicella* (F. R.) (Gelechiidae), at Boston, Mass., in tomato in stores from French West Africa.

A curculionid, *Gonipterus* sp., evidently *scutellatus* Gyll., at New York, N. Y., with grapes in cargo from the Union of South Africa.

Gymnandrosoma sp. (Olethreutidae) at Baltimore, Md., in an orange in quarters from Ecuador; at Galveston, Tex., in grapefruit in stores from Mexico; and at Houston, Tex., in an orange in stores from Mexico.

Hepialus sp. (Hepialidae) at Laredo, Tex., in a pseudobulb of *Cattleya* sp. in cargo from Mexico; and at Hoboken, N. J., in pseudobulb of *Dendrobium* sp., in mail from India.

Heterarthrus sp. (Tenthredinidae) at Washington, D. C., in *Rhododendron albrechtii* leaf in mail from Japan.

Hoplothrips sp. (Phlaeothripidae), probably one of the old European species, at Philadelphia, Pa., in celery in stores from Italy.

Hyperodes sp., probably *hirtella* (Dtz.) (Curculionidae), at Miami, Fla., with an orchid plant in air mail from the Canal Zone.

Hyperodes sp., at Charleston, S. C., in carrot in stores from Argentina; at Honolulu, Hawaii with orchid plants in mail from the Canal Zone; at Miami, Fla., with a leaf of *Trichopilia suavis* in air mail from the Canal Zone; at Philadelphia, Pa., in carrot in stores from Argentina; at San Pedro, Calif., with orchid plants in cargo and mail from the Canal Zone; and at Seattle, Wash., with orchid plants in mail from the Canal Zone.

A scolytid, *Ips* sp., at Mobile, Ala., in pine bark crating in air cargo from North Africa.

An ant, *Iridomyrmex* sp., probably a new species for the National Museum collection, at Nogales, Ariz., on an orchid plant in cargo from Mexico.

Lepidosaphes sp., very close to *noxia* McKenzie (Coccidae), but probably distinct, at Hoboken, N. J., on a leaf of *Vanilla* sp., in air cargo from British East Africa.

Leucaspis sp. (Coccidae) at Chicago, Ill., with arborvitae plants in mail from New Zealand.

A pyraustid, *Leucinodes* sp., not represented in the National Museum collection, at Washington, D. C., with *Solanum* sp., in mail from the Union of South Africa.

Lixus sp. (Curculionidae) at Baltimore, Md., in beet in stores from Italy; and at Philadelphia, Pa., in beet in stores from Egypt.

Longitarsus sp., probably *ochroleucus* Mshl. (Chrysomelidae) at Boston, Mass., with chrysanthemum in air baggage from England.

A lygaeid, new genus and new species, at New York, N. Y., with forest litter, containing mostly sphagnum moss, in air stores from Colombia.

Margarodini (Coccidae), genus uncertain, but a very interesting collection, at Washington, D. C., on an undetermined grass in mail from Iran.

A curculionid, *Mecinus* sp., at Hoboken, N. J., on an aleppo pine cone in air mail from Greece.

Oxythrips sp. (Thripidae) at New York, N. Y., on a pine tree in air baggage from Sweden.

Pectinophora sp., *platyedra* complex, (Gelechiidae), at Chicago, Ill., with *Plagianthus betulinus* seeds in mail from New Zealand.

A scolytid, *Pelicerus* sp., at Washington, D. C., with *Garcinia spicata* seeds in mail from Okinawa.

Phenacoccus sp. (Coccidae), an undescribed species, at New York, N. Y., on galanthus bulbs and twinleaf squill bulbs in cargo from Turkey.

Phloeosinus sp. (Scolytidae) at Portland, Oreg., in *Cryptomeria* sp. bark in air cargo from Japan.

Phyllotreta sp., probably *flexuosa* (Ill.) (Chrysomelidae), at Philadelphia, Pa., on cabbage in stores from England.

Pieris sp. (Pieridae) at Charleston, S. C., on cabbage in stores from Belgium and New Zealand; at Philadelphia, Pa., on Chinese cabbage in stores from Japan; and at Port Arthur, Tex., on cauliflower in stores from England.

A chrysomelid, *Plagiodesa* sp., probably *jucunda* (Klug), at Miami, Fla., on a bromeliad leaf in air baggage and air cargo from Paraguay.

An ant, *Plagiolepis* sp., very probably *alluaudi* Emery, at Charlotte Amalie, St. Thomas on gladiolus in baggage from St. Kitts.

Podothrips sp., near *longiceps* J.-G. (Phlaeothripidae), at Boston, Mass., on semi-dry grass in baggage from the Union of South Africa.

Prays sp. (Hyponomeutidae) at Boston, Mass., in pomelo in stores from Indonesia.

A curculionid, *Premnotrypes* sp., at Philadelphia, Pa., on *Solanum tuberosum* var. in stores from Ecuador.

Psammodyus sp. (Scarabaeidae) at Honolulu, Hawaii with grapes in air stores from Eniwetok; and at New York, N. Y., with soil in mail from Israel.

Rhynchites sp. (Curculionidae) at Boston, Mass., in cherry in air stores from France.

Tingis sp. (Tingidae) at Washington, D. C. with fescue in mail from Iran.

A tortricid, not represented in the National Museum collection, at Honolulu, Hawaii in air baggage from Japan; and a tortricid at Laredo, Tex., on an orchid plant in cargo from Mexico.

A curculionid, *Zeugorygma* sp., probably *orangiae* Mshl. or a new species, at Washington, D. C., with *Selaria perennis* seed head in mail from the Union of South Africa.

DISEASES

Incompletely determined pathogens worthy of mention were:

Ascochyta sp. at Laredo, Tex., on *Yucca elephantipes* in cargo from Mexico.

Cercospora sp. at Brownsville, Tex., on *Chamaedorea* sp. leaf in baggage from Mexico; at Houston, Tex., on palm fronds in air cargo from Mexico; at San Juan, P. R., on *Clerodendron thomsonae* leaf for export to the mainland.

Corynespora sp., probably *cassicola* (Berk. & Curt.) Wei, on *Chamaedorea* sp. in air cargo from Mexico.

Cytospora sp. at Nogales Ariz., on orchid stem in cargo from Mexico; and at San Francisco, Calif., on tree peony in cargo and mail from Japan.

Cytosporina sp. at Nogales, Ariz., on orchid in cargo from Mexico.

Didymosphaeria sp. at Laredo, Tex., on an orchid plant in cargo from Mexico.

Pestalotia sp. at Miami, Fla., on *Pinanga kuhli* seed in air mail from Ceylon; at San Juan, P. R., on a kalanchoe leaf in cargo for export to the mainland; and at Washington, D. C., on an oak leaf in mail from Japan.

Phomopsis sp. at El Paso, Tex., on seeds of sandbaxtree in baggage from Mexico.

Septoria sp. at Hoboken, N. J., on an aster leaf in cargo from England; at Laredo, Tex., on philodendron leaf in baggage from Mexico; and at Washington, D. C., on leaf of *Boissiera bromoides* in mail from Iran.

Probably *Sphenospora* sp. at Miami, Fla. on a leaf of *Catasetum* sp. in air cargo from the Canal Zone; and at San Pedro, Calif., on *Oncidium macranthum* and *Oncidium* sp. plants in air cargo from Ecuador.

Uredo sp. at Miami, Fla., on leaves of *Ornithocephalus* sp. and *Schomburgkia* sp. in air cargo from Ecuador.

NEMATODES

Incompletely determined nematodes worthy of mention were:

Aphelenchoides sp. at Boston, Mass., in soil with burdock, carrots, and potatoes in stores from Japan; in soil with carrots in stores from Norway; in soil with lettuce in stores from Egypt; in soil with roots of Liliaceae in air baggage from Greece; with parsnips in stores from Denmark; and with rutabagas in stores from the Netherlands; at Hoboken, N. J., in roots of *Helleborus niger* hybrid in air mail from England; at New York, N. Y., in narcissus bulbs in cargo from France and Italy; at Philadelphia, Pa., in lily bulb in cargo from Japan; at Port Everglades, Fla., in potatoes in stores from Belgium; at San Francisco, Calif., in lily bulb in mail from New Zealand and in magnolia plant in mail from Japan; at San Juan, P. R., in tobacco stump in air baggage from the Dominican Republic; and at Washington, D. C., in *Boehmeria* sp., in mail from Martinique.

Aphelenchus sp. at Boston, Mass., in soil with potatoes in stores from New Zealand; at Hoboken, N. J., in *Oreocereus trollii* in mail from Canada; at San Francisco, Calif., in peony in baggage from Japan; at San Juan, P. R., in tobacco stump in air baggage from the Dominican Republic; and at Tampa, Fla., in soil with samples of ore in cargo from Belgium.

Ditylenchus sp., closely related to *dipsaci* (Kuhn) Filip. at Hoboken, N. J., in *Polianthes* sp. tuber in cargo from Italy.

Ditylenchus sp. at Boston, Mass., in iris in cargo from the Netherlands; at El Paso, Tex., in garlic in cargo from Mexico; and at Philadelphia, Pa., in garlic in cargo from Mexico.

Heterodera sp., possibly *avenae*, at New York, N. Y., in soil with potatoes in stores from Iceland; at St. Thomas and St. John in soil with beets in stores from England.

Heterodera sp., possibly *fici* at New York, N. Y., in soil with roots of *Ficus* sp. in baggage from Italy.

Other members of the genus *Heterodera* were intercepted 351 times at 18 ports from the following countries: Argentina, Australia, Austria, Azores, Belgium, Canada, Chile, Denmark, Egypt, England, Finland, France, Germany, Greece, Ireland, Italy, Japan, Korea, Liberia, Luxembourg, Mexico, Morocco, Netherlands, New Zealand, Poland, Portugal, Scotland, Spain, Sweden, Switzerland, Tasmania, Tunisia, Venezuela, and Yugoslavia. These interceptions were made from soil ballast, soil samples, soil on private automobiles, soil on army automobiles, soil with sweepings from railway car, and soil with potatoes in railway car; soil with bulbs and tubers in baggage, cargo, and mail; soil with plant material in baggage, cargo, mail, and quarters; soil with vegetables in cargo and stores; and in soil with snails in cargo.

Meloidogyne sp., probably *arenaria* (Neal) Chitwood var. *thamesi* Chitwood, at New York, N. Y., in gladiolus bulb in cargo from Japan.

Meloidogyne sp., possibly *hapla* Chitwood, at Hoboken, N. J., in *Achimenes* sp. tuber in air mail from India.

Meloidogyne sp., possibly a new species, at Brownsville, Tex., in begonia root in baggage from Mexico.

Meloidogyne sp. at Brownsville, Tex., in begonia root in cargo from Mexico; at El Paso, Tex., in turnip in baggage from Mexico; at Hoboken, N. J., in tubers of *Achimenes* spp. in air cargo from India and in cargo and mail from the Netherlands; in anemone roots in air mail from Japan and in mail from Germany; in caladium tubers in air cargo from Belgium; in calla lily rhizomes in cargo from France and Italy; in roots of *Callopsiopsis* sp. in air mail from England; in roots of *Cimicifuga foetida simplex* in cargo from the Netherlands; in roots of *Cissus amazonica* in air cargo from Germany; in clematis roots in air cargo and cargo from the Netherlands; in roots of *Corytholoma bulbosum* in air cargo from Brazil and in roots of *C. cardinalis* in air mail from the Netherlands; in roots of *Curcuma petiolata* and *C. roscoeana* in cargo from the Netherlands; in roots of *Epimedium* sp. in air mail from Japan; in tubers of *Gesneria umbellata* in mail from the Netherlands; in iris roots in cargo and mail from Japan; in roots of *Isoloma pictum* in air mail and *Isoloma* sp. in mail from the Netherlands; in roots of *Kaempferia galanga* in cargo and air mail from India and in *Kaempferia* spp. in cargo from the Netherlands; in tubers of *Naegelia* hybrids in cargo, air mail, and mail from the Netherlands; in roots of tuberose in air mail from Israel and in mail from Italy; in roots of *Primula sieboldi* var. in mail from the Netherlands; in roots of *Reichsteineria macropoda* in air mail and mail from the Netherlands; and in tuber of *Thomsonia nepalensis* in mail from India; at Laredo, Tex., in *Mammillaria* sp. roots in mail from Mexico; at New York, N. Y., in hyacinth bulb in cargo from Bermuda; and in tuberose roots in cargo from Italy.

Paraphelenchus sp. at San Francisco, Calif., in roots of *Magnolia conspicua* and *Magnolia* sp. in mail from Japan.

Pratylenchus sp., near *vulnus* Allen & Jensen, at Tampa, Fla., in soil with a potted plant in air baggage from Cuba.

Pratylenchus sp. at Hoboken, N. J., in astilbe roots in cargo from the Netherlands; in *Clematis* spp. roots in mail from England and in cargo from the Netherlands; in roots of *Helleborus niger* and *H. viridis* in air mail from England and in *H. niger* and *Helleborus* sp. in air cargo from the Netherlands; in roots of *Pulmonaria saccharata* in cargo from the Netherlands; at New York, N. Y., in lily-of-the-valley pips in baggage from France; and at Washington, D. C., in roots of *Boehmeria* sp. in mail from Martinique.

Rotylenchus sp. at Brownsville, Texas, in soil with begonia and mint plants in baggage from Mexico; and at San Francisco, Calif., in peony roots in baggage from Japan.

Tylencholaimus sp. at Honolulu, Hawaii in soil samples in air baggage from Japan.

Tylenchus sp. at Boston, Mass., in soil with artemesia plant in baggage from Italy; at Honolulu, Hawaii in soil in quarters from Okinawa; and at Miami, Fla., in soil with coffee plants in air baggage from Salvador.

Xiphinema sp. at San Francisco, Calif., in peony roots in baggage from Japan.

Summary of Numbers of Interceptions Listed in Main Table

Country	Insect	Disease	Country	Insect	Disease
	Number	Number		Number	Number
Africa:			Europe—Continued:		
Algeria.....	1	2	Portugal.....	37	15
Anglo-Egyptian Sudan.....	1	0	Scotland.....	40	2
Belgian Congo.....	1	0	Spain.....	60	5
British East Africa.....	1	1	Spain (?).....	1	0
Canary Islands.....	1	0	Sweden.....	9	2
Cape Verde Islands.....	5	0	Switzerland.....	13	17
Egypt.....	7	3	Wales.....	1	0
Kenya.....	1	2	Yugoslavia.....	3	1
Liberia.....	2	0	North America:		
Libya.....	2	0	Bermuda.....	20	6
Madeira Islands.....	2	0	Canada.....	2	16
Morocco.....	8	0	Canal Zone.....	66	6
Mozambique.....	1	0	Central America.....	1	0
Nigeria.....	3	1	British Honduras.....	9	0
North Africa (?).....	1	0	Costa Rica.....	22	3
Rhodesia.....	0	1	Guatemala.....	31	4
Tunisia.....	0	1	Honduras.....	8	5
Union of South Africa.....	25	27	Nicaragua.....	21	1
Asia:			Panama.....	26	0
Burma.....	1	0	Salvador.....	22	1
Ceylon.....	1	1	Iceland.....	3	1
China.....	6	108	Mexico.....	714	163
Formosa.....	9	2	Mexico (?).....	1	0
India.....	20	6	West Indies:		
Indo-China.....	3	1	Anguilla.....	4	0
Indonesia.....	1	1	Antigua.....	3	0
Iran.....	14	3	Bahamas.....	10	0
Island of Rhodes.....	1	0	Barbados.....	5	0
Israel.....	14	4	British West Indies.....	3	0
Japan.....	203	212	Cuba.....	36	6
Japan (?).....	1	0	Curacao.....	1	0
Lebanon.....	7	2	Dominica.....	2	0
Pakistan.....	0	1	Dominican Republic.....	13	3
Palestine.....	1	0	Grand Cayman.....	1	0
Straits Settlements.....	2	2	Grenada.....	1	0
Syria.....	0	1	Haiti.....	9	0
Thailand.....	5	3	Jamaica.....	23	7
Turkey.....	1	1	Jost Van Dykes.....	1	0
Australasia:			Martinique.....	0	1
Australia.....	21	17	Montserrat.....	1	0
Fiji Islands.....	4	1	Nevis.....	1	0
Guam.....	8	3	Puerto Rico.....	13	3
Hawaii.....	459	13	St. Croix.....	1	0
Kwajalein.....	1	0	St. Kitts.....	4	1
Kwajalein (?).....	1	0	St. Lucia.....	1	1
Midway Islands.....	3	0	St. Martin.....	1	0
Midway Islands (?).....	1	0	Tortola.....	19	0
New Guinea.....	1	0	Trinidad.....	12	4
New Zealand.....	2	3	South America:		
Okinawa.....	2	0	Argentina.....	3	23
Philippines.....	16	11	Brazil.....	29	75
Philippines (?).....	1	0	British Guiana.....	1	1
West Pacific.....	1	0	Chile.....	8	1
West Pacific (?).....	1	0	Colombia.....	11	2
Europe:			Ecuador.....	57	3
Austria.....	0	5	Netherlands Guiana.....	1	0
Azores.....	25	0	Paraguay.....	0	1
Belgium.....	13	3	Peru.....	4	4
Denmark.....	7	1	Venezuela.....	13	2
England.....	49	28	Total:		
England (?).....	1	0	Africa.....	62	38
France.....	44	3	Asia.....	290	348
France (?).....	1	0	Australasia.....	522	48
Germany.....	38	31	Europe.....	542	203
Germany (?).....	1	0	North America.....	1,111	232
Gibraltar.....	1	0	South America.....	129	112
Greece.....	13	4	Unknown.....	27	6
Ireland.....	4	9	Total.....	2,684	987
Italy.....	149	52	Total incompletely deter-		
Italy (?).....	0	1	mined pests.....	1,600	811
Netherlands.....	27	24	Total insect interceptions.....	4,283	
Northern Ireland.....	1	0	Total disease interceptions.....		1,798
Norway.....	4	0	Grand total.....		16,081

¹ This total represents only pests of known or potential plant-quarantine importance. The total of all interceptions made during the year was 17,504.

NOTE.—Interceptions were also made from Afghanistan, Bahrein Island, East Africa, Eritrea, Ethiopia, Finland, French West Africa, French West Indies, Korea, Luxembourg, Malta, Marshall Islands, Norfolk Island, Poland, Ponape, Samoa, Saudi Arabia, Sierra Leone, Tanganyika, Tasmania, Uganda, Uruguay, and West Africa.

Pests collected and reported from July 1, 1955, through June 30, 1956

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
" <i>Acanthoscelides</i> " <i>spinipes</i> (Er.) (Bruchidae):					
Acacia sp.	Italy			1	N. Y.
Mimosa sp.	France	1			N. Y.
<i>Achatina fulica</i> Fer. (Mollusca):					
<i>Hedycheium</i> sp. (torch ginger)	Hawaii	1			Hawaii.
<i>Acrolepia assectella</i> (Zell.) (Hyponomeutidae):					
Allium porrum (leek)	France, Netherlands, Spain		6		N. Y., Pa.
<i>Adetus mucoreus</i> Bates (Cerambycidae):					
<i>Copaifera hemilomophylla</i> ("cativo")	Colombia	1			Ga.
<i>Adoretus sinicus</i> Burm. (Scarabaeidae):					
Airplane	Hawaii, Japan, unknown		12		Hawaii.
Baggage	Hawaii	2			Hawaii.
<i>Cordyline terminalis</i> (ti)	do.	1			Hawaii.
Flowers	do.	1			Hawaii.
Orchid	do.	1			Hawaii.
Personal effects	Hawaii, Japan	3			Hawaii.
<i>Zingiber officinale</i> (ginger)	Hawaii	1			Hawaii.
<i>Agrocnota propinqua</i> (Boh.) (Chrysomelidae):					
Ananas comosus (pineapple)	Dominican Republic		1		P. R.
<i>Suretania mahagoni</i> (mahogany)	do.		1		Fla.
<i>Agrotis ypsilon</i> (Rott.) (Phalaenidae):					
Airplane	Bermuda		1		Va.
<i>Aleurocanthus woglumi</i> (Ashby) (Aleyrodidae):					
<i>Citrus aurantifolia</i> (sour lime)	Mexico	1			Ariz.
<i>Citrus sinensis</i> (orange)	do.	2			Calif., Tex.
<i>Citrus</i> sp.	do.	5			Tex.
<i>Aleurothrixus floccosus</i> (Mask.) (Aleyrodidae):					
Leaf—unknown	Cuba	1			Fla.*
<i>Alpheias conspirata</i> Hein. (Galleriidae):					
Ananas comosus (pineapple)	Mexico	1			Tex.
<i>Allypiodes geronimo</i> (Barnes) (Phalaenidae):					
Cactus	Mexico			1	Ariz.
<i>Amorbia emigratella</i> Busck (Tortricidae):					
<i>Alpinia purpurata</i>	Hawaii	1			Hawaii.
<i>Delonix regia</i> (flamboyant tree)	do.		1		Hawaii.
<i>Gardenia augusta</i> (gardenia)	do.	1			Hawaii.
<i>Gladiolus</i> sp.	Mexico	1			Calif.*
<i>Jasminum multiflorum</i>	Hawaii	1			Hawaii.
<i>Nerium oleander</i> (oleander)	Midway Island	1			Hawaii.
<i>Pilea</i> sp.	Mexico	1			Tex.
<i>Plumeria</i> sp.	Hawaii	1			Hawaii.
<i>Psidium guajava</i> (guava)	Mexico	1			Calif.
<i>Punica granatum</i> (pomegranate)	do.	2			Ariz., Tex.
<i>Vanda</i> sp. (orchid)	Hawaii	2		4	Hawaii.
<i>Anaphothrips orchidaceus</i> Bagn. (Thripidae):					
Orchid	Mexico			1	Tex.
<i>Anastrepha distincta</i> Greene (?) (Tephritidae):					
<i>Inga</i> sp.	Guatemala	2			La.
<i>Anastrepha fraterculus</i> (Wied.) (Tephritidae):					
<i>Achras zapota</i> (sapodilla)	Venezuela	1			N. Y.
<i>Citrus paradisi</i> (grapefruit)	Brazil		1		N. Y.
<i>Citrus sinensis</i> (orange)	do.		2		Pa.
<i>Anastrepha fraterculus</i> (Wied.) (?) (Tephritidae):					
<i>Citrus paradisi</i> (grapefruit)	do.		1		Tex.
<i>Citrus sinensis</i> (orange)	Argentina, Brazil		2		Tex., Va.
<i>Anastrepha ludens</i> (Loew) (Tephritidae):					
<i>Citrus aurantifolia</i> (sweet lime)	Mexico	7			Ariz., Tex.
<i>Citrus limon</i> var. <i>ponderosa</i> (ponderosa lemon)	do.	1			Tex.
<i>Citrus paradisi</i> (grapefruit)	Mexico, Nicaragua	8	1		Calif., Tex.
<i>Citrus reticulata</i> (Mandarin orange)	Mexico	2			Tex.
<i>Citrus sinensis</i> (orange)	Guatemala, Mexico	83	13		Ariz., Calif., La., Md., N. Y., Tex.
<i>Cydonia oblonga</i> (quince)	Mexico	4			Tex.
<i>Malus sylvestris</i> (apple)	do.	3			Tex.
<i>Mangifera indica</i> (mango)	do.	40	2		Ariz., Calif., La., Tex.
<i>Punica granatum</i> (pomegranate)	do.	3			Tex.
<i>Pyrus communis</i> (pear)	do.	18			Tex.
Sapote	do.	1			Tex.

Pests collected and reported from July 1, 1955, through June 30, 1956—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Anastrepha ludens</i> (Loew) (?) (Tephritidae):					
<i>Pyrus communis</i> (pear).....	do.	3			Tex.
<i>Anastrepha mombinpraeopans</i> Sein (Tephritidae):					
<i>Citrus paradisi</i> (grapefruit).....	Barbados.		1		Fla.*
<i>Eugenia floribunda</i> (guava-berry).....	Tortola	2			St. Croix.
<i>Mangifera indica</i> (mango).....	Costa Rica, Cuba, Dominica, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico, Salvador.	84	6		Ala., Calif., Calif.*, Fla.* Ill., La., Md., Pa., P.R., St. Croix, St. Thomas and St. John, S. C., Tex.
<i>Prunus amygdalus</i> (almond).....	Trinidad		1		Ala.
<i>Psidium guajava</i> (guava).....	Mexico, Nicaragua, Trinidad.	4			La., P. R., Tex.
<i>Pyrus communis</i> (pear).....	Mexico.	1			Tex.
<i>Spondias mombin</i> (yellow mombin).....	Guatemala, Jost Van Dykes, Nicaragua, Salvador.	7			Calif.* La., St. Thomas and St. John.
<i>Spondias purpurea</i> (purple mombin).....	Nicaragua			1	Calif.*
<i>Spondias</i> sp. (mombin).....	Nicaragua, Panama, Salvador.	4			Tex.
<i>Anastrepha serpentina</i> (Wied.) (Tephritidae):					
<i>Achras zapota</i> (sapodilla).....	Guatemala, Nicaragua, Salvador.	3			Calif.*
<i>Annona</i> sp.....	Peru	1			Fla.*
<i>Calocarpum zapota</i> (mamey sapota).....	Mexico	1			Tex.
<i>Chrysophyllum cainito</i> (star-apple).....	Guatemala	2			La.
Passenger's cabin.....	Unknown		1		Fla.
<i>Anastrepha serpentina</i> (Wied.) (?) (Tephritidae):					
<i>Calocarpum zapota</i> (mamey) sapota.....	Mexico	1			Tex.
<i>Anastrepha striata</i> Schiner (Tephritidae):					
<i>Mangifera indica</i> (mango).....	Panama		1		S. C.
<i>Psidium guajava</i> (guava).....	British Honduras, Costa Rica, Guatemala, Mexico, Nicaragua, Salvador.	9	1		Ariz., La., Tex.
<i>Anastrepha striata</i> Schiner (?) (Tephritidae):					
<i>Psidium guajava</i> (guava).....	Mexico	1			Tex.
<i>Anchastus flavovittatus</i> Cham. (Elateridae):					
Orchid.....	do.			1	Tex.
<i>Ancylostoma stercorea</i> (Zell.) (Phycitidae):					
<i>Cajanus cajan</i> (pigeonpea).....	Anguilla, Antigua, Bahamas, Haiti, Jamaica, Panama, Tortola.	15			Ala., Fla.*, N. Y., St. Croix, St. Thomas and St. John.
<i>Anomala albopilosa</i> Hope (Scarabaeidae):					
Airplane.....	Japan		1		Hawaii.
<i>Anomala cuprea</i> (Hope) (Scarabaeidae):					
Airplane.....	do.		2		Hawaii.
<i>Anomala orientalis</i> Waterh. (Scarabaeidae):					
Airplane.....	do.		3		Hawaii.
<i>Anomala pleurimargo</i> Reitt. (Scarabaeidae):					
Airplane.....	do.		2		Hawaii.
<i>Anomala schoenfeldti</i> Ohaus (Scarabaeidae):					
Airplane.....	do.		1		Hawaii.
<i>Anomala sulcatula</i> Burm. (Scarabaeidae):					
Airplane.....	do.		1		Hawaii.
<i>Anthonomus rectirostris</i> (L.) (Curculionidae):					
<i>Prunus nipponica</i> (takane cherry).....	Japan			1	D. C.
<i>Anthonomus ruficollis</i> Champ. (Curculionidae):					
Orchid.....	Mexico			1	N. J.
<i>Anuraphis cardui</i> (L.) (Aphidae):					
<i>Cynara scolymus</i> (globe artichoke).....	Morocco		1		Pa.
<i>Anuraphis tulipae</i> (Forc.) (Aphidae):					
<i>Gladiolus</i> sp.....	England		1		Mass.
<i>Iris</i> sp.....	England, New Zealand			2	N. J., Wash.
<i>Aonidiella inornata</i> McKenzie (Coccidae):					
<i>Cocos nucifera</i> (coconut).....	Philippines	2			Calif.*
<i>Piper</i> sp.....	Guam	1			Calif.*

Pests collected and reported from July 1, 1955, through June 30, 1956—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Aphanus umbrosus</i> (Dist.) (Lygaeidae): With bromeliad and orchid plants	Mexico			1	Ariz.
<i>Aphthona nanyoensis</i> Chujo (Chrysomelidae): Airplane	Unknown		1		Hawaii.
<i>Apion griseum</i> Sm. (Curculionidae): <i>Phaseolus vulgaris</i> var. (string bean)	Mexico	8			Tex.
<i>Apion pomonae</i> F. (Curculionidae): <i>Vicia sativa</i> (vetch)	Azores, Madeira Islands	2			Mass.
<i>Aplocnemus aerosus</i> (Schilsky) (Melyridae): <i>Themeda triandra</i>	Union of South Africa			1	D. C.
<i>Araecerus villardii</i> Montr. (Anthribidae): <i>Operculina tuberosa</i> (wood-rose)	Hawaii	1			Hawaii.
<i>Arcte caerulea</i> (Guen.) (Phalaenidae): Airplane	Japan (?)		1		Hawaii.
<i>Argyresthia conjugella</i> Zell. (Hyponomeutidae): <i>Malus sylvestris</i> (apple)	Norway, Sweden	2			Mass., N. Y.
<i>Aspidiotus destructor</i> Sign. (Coccidae): <i>Annona squamosa</i> (sugar-apple)	Tortola	2			St. Thomas and St. John, Calif.* , Tex.
<i>Cocos nucifera</i> (coconut)	Colombia, Guatemala, Mexico, Trinidad	8	1		P. R.
<i>Aspidiotus herculeanus</i> (Ckll. & Hadd.) (Coccidae): <i>Mammea americana</i> (mamey)	Mexico		1		Calif.*
<i>Asterolecanium epidendri</i> (Bouche) (Coccidae): <i>Oncidium</i> sp. (orchid)	Trinidad			1	Fla.
Orchid	Brazil, Costa Rica, Ecuador, Jamaica			4	Calif.* , Fla.
<i>Stanhopea</i> sp. (orchid)	Ecuador			1	Calif.*
<i>Asterolecanium pustulans</i> (Ckll.) (Coccidae): <i>Ficus carica</i> (fig)	Mexico	1			Tex.
<i>Athesapeuta cyperi</i> Mshl. (Curculionidae): Airplane	Hawaii		1		Hawaii.
With <i>Cyperus</i> sp. and <i>Lycopodium</i> sp.	do	1			Hawaii.
<i>Aufesius impressicollis</i> Stal (Coreidae): <i>Capsicum frutescens</i> (pepper)	Mexico	1			Ariz.
<i>Aulacaspis mangiferae</i> Newst. (Coccidae): <i>Mangifera indica</i> (mango)	Nicaragua, Salvador	2			Calif.* , Tex.
Plant	Venezuela	1			Calif.*
<i>Austrotortrix postvittana</i> (Wlk.) (Tortricidae): <i>Malus sylvestris</i> (apple)	New Zealand	1			N. Y.
<i>Barbara tessulatana</i> (Stdgr.) (Olethreutidae): <i>Cupressus</i> sp. (cypress)	Greece		1		N. Y.
<i>Bephrata maculicollis</i> Cam. (Eurytomidae): <i>Annona muricata</i> (soursop)	Venezuela	1			P. R.
<i>Blissus leucopterus</i> (Say) (Lygaeidae): <i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Tex.
<i>Sorghum vulgare</i> (sorghum)	do	1			Tex.
<i>Bouhelia maroccana</i> Balachowsky (Coccidae): <i>Muscari comosum</i> (cipollino)	Morocco	1			N. Y.
<i>Brachygerus albidentatus</i> Gyll. (Curculionidae): <i>Allium sativum</i> (garlic)	Italy	1			Tex.
<i>Brachygerus algeris</i> (F.) (Curculionidae): <i>Allium sativum</i> (garlic)	Italy, Spain	5			N. Y., P. R.
<i>Brachyrhinus ovalis</i> (L.) (Curculionidae): Plants—miscellaneous	Netherlands			1	Wash.
On box containing <i>Rhododendron indicum</i>	Belgium			1	N. J.
<i>Brachyrhinus singularis</i> (L.) (Curculionidae): Forest litter packing for cut heather	Scotland	1			Ill.
<i>Bradybaena similis</i> (Fer.) (Mollusca): <i>Ananas comosus</i> (pineapple)	Brazil	1			P. R.
<i>Anthurium andraeanum</i>	Hawaii	1			Hawaii.
<i>Anthurium</i> sp.	do	6	1		Hawaii.
<i>Anthurium</i> and bird-of-paradise flowers	do	1			Hawaii.
<i>Colocasia</i> sp.	do	1			Hawaii.
<i>Cordyline terminalis</i> (ti)	do	3	1		Hawaii.
[<i>Cordyline</i> sp.	do	1			Hawaii.
<i>Dieffenbachia</i> sp.	do	1			Hawaii.
<i>Gardenia augusta</i> (gardenia)	do	1			Hawaii.
<i>Hedychium</i> sp. (torch ginger)	do	1			Hawaii.
<i>Heliconia</i> sp.	do	1			Hawaii.

Pests collected and reported from July 1, 1955, through June 30, 1956—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Bradybaena similis</i> —Continued					
<i>Lilium</i> sp. (lily)	Bermuda	1			N. Y.
<i>Phaenomeria speciosa</i>	Hawaii	1			Hawaii.
<i>Philodendron</i> sp.	do.	1			Hawaii.
<i>Plumeria</i> sp.	do.			1	Hawaii.
<i>Vanda joaquimiae</i> (orchid)	do.	3			Hawaii.
<i>Vanda</i> sp.	do.	94			Hawaii.
<i>Bregmatothrips iridis</i> Wats. (Thripidae):					
<i>Iris kaempferi</i> (Japanese iris)	Netherlands	1			N. J.
<i>Iris</i> sp.	England			1	N. J.
<i>Brevipalpus inornatus</i> (Banks) (Tenuipalpidae):					
<i>Camellia japonica</i> (camellia)	Okinawa			1	D. C.
<i>Pittosporum tobira</i>	Japan			1	D. C.
<i>Serissa foetida</i>	do.			1	D. C.
<i>Brevipalpus oudemansi</i> (Geijskes) (Tenuipalpidae):					
<i>Malus sylvestris</i> (apple)	Spain			1	D. C.
<i>Bruchidius algiricus</i> (Allard) (Bruchidae):					
<i>Vicia faba</i> (broadbean)	Egypt	1			Mass.
<i>Bruchidius dorsalis</i> Fahr. (Bruchidae):					
<i>Gleditsia</i> sp.	Japan			1	Wash.
<i>Bruchidius vilvus</i> (Gyll.) (Bruchidae):					
<i>Onobrychis</i> sp.	Turkey			1	D. C.
<i>Bruchidius incarnatus</i> (Boh.) (Bruchidae):					
<i>Vicia faba</i> (broadbean)	Germany		1		Va.
<i>Bruchidius picipes</i> (Germ.) (Bruchidae):					
<i>Astragalus</i> sp.	Iran			1	D. C.
<i>Bruchophagus coluteae</i> (Boucek) (Eurytomidae):					
<i>Colutea arborescens</i>	Italy			1	N. J.
<i>Bruchophagus glycyrrhizae</i> Nik. (Eurytomidae):					
<i>Glycyrrhiza</i> sp.	Iran			1	D. C.
<i>Bruchophagus mellipes</i> Gahan (Eurytomidae):					
<i>Sesbania sesban</i>	India			1	D. C.
<i>Bruchophagus onobrychidis</i> (Nik.) (Eurytomidae):					
<i>Onobrychis viciaefolia</i>	Iran			1	D. C.
<i>Onobrychis</i> sp.	do.			2	D. C.
<i>Bruchophagus ononis</i> (Mayr) (Eurytomidae):					
<i>Ononis pubescens</i>	Israel			1	D. C.
<i>Bruchus brachialis</i> Fahr. (Bruchidae):					
<i>Lathyrus</i> sp.	Iran			1	D. C.
<i>Vicia villosa</i> (hairy vetch)	France			2	Md.
<i>Bruchus emarginatus</i> Allard (Bruchidae):					
<i>Pisum sativum</i> (pea)	Burma	1			N. Y.
<i>Vicia ervilia</i> (bitter vetch)	Iran			1	D. C.
<i>Bruchus ervi</i> Froh. (Bruchidae):					
<i>Lens culinaris</i> (lentil)	Italy	2			N. Y.
<i>Bruchus lentis</i> Froel. (Bruchidae):					
<i>Lens culinaris</i> (lentil)	France, Italy, Lebanon, Libya, Union of South Africa, unknown.	4	2	1	N. Y., Oreg., Tex.
<i>Bruchus luteicornis</i> Ill. (Bruchidae):					
<i>Vicia anagrostifolia</i>	Germany			1	N. J.
<i>Vicia sativa</i> (vetch)	Azores, Portugal	2			Mass., N. Y.
<i>Vicia</i> sp.	Portugal			1	D. C.
<i>Bruchus signaticornis</i> Gyll. (Bruchidae):					
<i>Lens culinaris</i> (lentil)	Italy	3			N. Y.
<i>Bruchus tristiculus</i> Fahr. (Bruchidae):					
<i>Vicia sativa</i> (vetch)	Azores			1	N. Y.
<i>Bruchus tristis</i> Boh. (Bruchidae):					
Bean	Greece			1	Ill.
<i>Lathyrus cicera</i>	Iran			1	D. C.
<i>Lathyrus sativus</i>	Italy	1			N. Y.
<i>Lathyrus</i> sp.	do.	1		1	N. Y.
<i>Bruchus ulicis</i> Muls. (Bruchidae):					
<i>Lens culinaris</i> (lentil)	Iran			1	D. C.
<i>Vicia</i> sp.	do.			1	D. C.
<i>Cacoecia pronubana</i> (Hbn.) (?) (Tortricidae):					
<i>Rosmarinus officinalis</i> (rosemary)	Italy	1			Mass.
<i>Callosobruchus analis</i> (F.) (Bruchidae):					
<i>Lens culinaris</i> (lentil)	Union of South Africa		1		Tex.
<i>Callosobruchus maculatus</i> (F.) (Bruchidae):					
Bean	Bahamas, India, Jamaica, Nigeria.	3		1	Fla., Ill., N. Y.
<i>Cajanus cajan</i> (pigeonpea)	Cape Verde Islands, Jamaica	2			Fla., Mass.

Pests collected and reported from July 1, 1955, through June 30, 1956—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Callosobruchus maculatus</i> —Continued					
<i>Dolichos lablab</i>	Cape Verde Islands.....	1			Mass.
<i>Glycine max</i> (soybean).....	Japan.....		1		La.
<i>Phaseolus aureus</i> (mung bean).....	Iran.....			1	D. C.
<i>Phaseolus lunatus macrocarpus</i> (lima bean).....	Cape Verde Islands.....	1			Mass.
<i>Phaseolus vulgaris</i>	Brazil.....		1		Pa.
<i>Pisum sativum</i> (pea).....	China, Italy, Japan.....	1	2		Ill., Va., Wash.
<i>Vicia faba</i> (broadbean).....	Mexico.....	4			Tex.
<i>Vigna sinensis</i> (cowpea).....	Iran, Nigeria.....			2	D. C., N. J.
<i>Callosobruchus phaseoli</i> (Gyll.) (Bruchidae):					
<i>Dolichos lablab</i>	Australia.....			1	D. C.
<i>Calyptopcephala gerstaeckeri</i> Boh. (Chrysomelidae):					
<i>Chamaedorea oblongata</i>	Mexico.....	1			Tex.
<i>Carposina sasakii</i> Mats. (Carposinidae):					
<i>Malus sylvestris</i> (apple).....	Japan.....	4	7		Hawaii, Pa., Tex., Wash.
<i>Caryedon fuscus</i> (Goeze) (Bruchidae):					
<i>Arachis hypogaea</i> (peanut).....	Cape Verde Islands.....		1		Mass.
Legume seed.....	Azores.....			1	Mass.
Tree seed.....	India.....			1	N. J.
<i>Cassida circumdata</i> Herbst. (Chrysomelidae):					
Airplane.....	Guam, Hawaii, unknown.....		6		Hawaii.
<i>Caulophilus latinasus</i> (Say) (Curculionidae):					
<i>Phaseolus</i> sp.....	Mexico.....		1		Tex.
Plants and seeds—miscellaneous.....	do.....			1	Tex.
<i>Cephalodonta callosa</i> Baly (Chrysomelidae):					
<i>Stanhopea</i> sp. (orchid).....	Canal Zone.....			1	Fla.
<i>Ceratitis capitata</i> (Wied.) (Tephritidae):					
<i>Averrhoa carambola</i> (carambola).....	Hawaii.....	1			Calif.*
<i>Citrus aurantifolia</i> (sweet lime).....	Azores.....	1			Mass.
<i>Citrus paradisi</i> (grapefruit).....	Israel, Italy.....		3		N. Y., Tex.
<i>Citrus reticulata</i> (Mandarin orange).....	Cape Verde Islands, Israel, Italy.....	4			Mass., N. Y.
<i>Citrus sinensis</i> (orange).....	Algeria, Azores, Brazil, Canary Islands, Egypt, Greece, Israel, Italy, Lebanon, Portugal, Spain, Union of South Africa.....	10	34		Ala., Fla.* La., Mass., N. Y. Pa., Tex., Va.
<i>Coffea</i> sp. (coffee).....	Brazil, Hawaii.....	8			Calif.*, Hawaii, Tex.
<i>Crataegus</i> sp.....	Italy.....	1			N. Y.
<i>Cydonia oblonga</i> (quince).....	Greece.....	1			N. Y.
<i>Eriobotrya japonica</i> (loquat).....	Azores.....	1			Mass.
<i>Ficus carica</i> (fig).....	Island of Rhodes, Italy.....	4			Mass., N. Y.
<i>Malus sylvestris</i> (apple).....	Azores, Italy, Portugal, Spain.....	2	6		Mass., N. Y., Pa., Tex.
<i>Mespilus germanica</i> (medlar).....	Italy.....	1			N. Y.
<i>Opuntia humifusa</i> (pricklypear).....	do.....	5	1		Mass., N. Y.
<i>Prunus armeniaca</i> (apricot).....	Italy, Spain, unknown.....	2	5		N. Y., Va.
<i>Prunus persica</i> (peach).....	Brazil, France, Italy, Lebanon, Portugal, Spain, unknown.....	7	14		Mass., N. Y.
<i>Prunus persica nectarina</i> (nectarine).....	France.....		1		N. Y.
<i>Psidium guajava</i> (guava).....	Azores, Israel.....	2			Mass., N. Y.
<i>Punica granatum</i> (pomegranate).....	Italy.....	1			N. Y.
<i>Pyrus communis</i> (pear).....	France, Libya, Portugal, Spain, unknown.....	4	7		Ill., Md., Mass., N. Y., Pa., P. R.
<i>Ceratitis capitata</i> (Wied.) (?) (Tephritidae):					
<i>Citrus limon</i> (lemon).....	Spain.....		1		Mass.
<i>Citrus paradisi</i> (grapefruit).....	British East Africa.....		1		Mass.
<i>Citrus sinensis</i> (orange).....	Azores, Brazil, Israel, Italy, Palestine, Portugal, Spain.....	4	10		Mass.
<i>Coffea</i> sp. (coffee).....	Hawaii.....	1			Hawaii.
<i>Diospyros</i> sp. (persimmon).....	Italy.....	1			Mass.
<i>Eugenia malaccensis</i> (mountain apple).....	Hawaii.....	1			Hawaii.
<i>Malus sylvestris</i> (apple).....	Azores (?), Portugal.....		4		Mass., Pa.
<i>Mangifera indica</i> (mango).....	Hawaii.....	1			Hawaii.
<i>Opuntia humifusa</i> (pricklypear).....	Italy.....	1			N. Y.
<i>Prunus amygdalus</i> (almond).....	Greece.....	1			Mass.
<i>Prunus persica</i> (peach).....	Italy, Spain, unknown.....	1	2		Mass., N. Y.
<i>Prunus persica nectarina</i> (nectarine).....	Brazil.....		1		N. Y.

Pests collected and reported from July 1, 1955, through June 30, 1956—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Ceratis capitata</i> (?)—Continued					
<i>Psidium guajava</i> (guava).....	Azores, Portugal, South America.	3	1		Mass., P. R.
<i>Pyrus communis</i> (pear).....	Italy.....		1		Mass.
<i>Vitis</i> sp. (grape).....	Azores.....	1			Mass.
<i>Cerconota anonella</i> (Sepp) (Stenomidae):					
<i>Annona muricata</i> (sour sop).....	Colombia.....		1		Ga.
<i>Ceroptastes rubens</i> Mask. (Coccidae):					
<i>Alpinia purpurata</i>	Hawaii.....	1			Hawaii.
<i>Alyzia olivaeformis</i> (maile).....	do.....	7			Hawaii.
<i>Anthurium</i> sp.....	do.....			1	Hawaii.
<i>Fatsia japonica</i> (fatsia).....	Japan.....			1	Calif.*
<i>Chaelocnema ectypa</i> Horn (Chrysomelidae):					
<i>Chamaedorea</i> sp.....	Mexico.....	1			Tex.
<i>Chalcodermus dentiferus</i> Faust (Curculionidae):					
<i>Ananas comosus</i> (pineapple).....	do.....	1			Tex.
<i>Characoma albulalis</i> Wlk. (Phalaenidae):					
Airplane.....	Kwajalein (?).....		1		Hawaii.
<i>Charidotis seminulum</i> (Boh.) (Chrysomelidae):					
<i>Chamaedorea oblongata</i>	Mexico.....	2			Tex.
<i>Chamaedorea</i> sp.....	do.....	1			Tex.
<i>Chelymophra varians</i> Blanch. (Chrysomelidae):					
<i>Vitis</i> sp. (grape).....	Chile.....	1			N. Y.
<i>Chilo loftini</i> Dyar (Crambidae):					
<i>Saccharum officinarum</i> (sugarcane).....	Mexico.....	1			Calif.
<i>Chilo suppressalis</i> (Wlk.) (Crambidae):					
<i>Oryza sativa</i> (rice).....	Japan.....	3	3		Calif.*, Hawaii, Wash.
<i>Chlorophorus annularis</i> (F.) (Cerambycidae):					
<i>Anthurium</i> sp.....	Hawaii.....	1			Hawaii.
<i>Chrysobothris adelpha</i> G. & H. (Buprestidae):					
Airplane.....	Unknown.....		1		Hawaii.
<i>Chrysomphalus bifasciculatus</i> Ferris (Coccidae):					
<i>Citrus reticulata</i> (Mandarin orange).....	Japan.....		3		Calif.*
<i>Fatsia japonica</i> (fatsia).....	do.....			1	Calif.*
<i>Chrysomphalus odontoglossi</i> (Ckll.) (Coccidae):					
<i>Mammea americana</i> (mamey).....	Mexico.....		1		Calif.*
<i>Chrysomphalus personatus</i> (Comst.) (Coccidae):					
<i>Camellia japonica</i> (camellia).....	do.....	1			Calif.*
<i>Citrus sinensis</i> (orange).....	Canal Zone.....		2		Fla.*
<i>Chrysomphalus umboniferus</i> (Newst.) (Coccidae):					
Aroid leaf.....	Venezuela.....			1	P. R.
<i>Laelia</i> sp. (orchid).....	Costa Rica.....			1	Fla.
Orchid.....	Canal Zone, Honduras.....			2	Calif.*, Fla.
<i>Clerada apicicornis</i> Sign. (Lygaeidae):					
<i>Chamaedorea</i> sp.....	Mexico.....	1			Tex.
<i>Vanda</i> sp. (orchid).....	Hawaii.....	1			Hawaii.
<i>Cnephasia longana</i> (Haw.) (Tortricidae):					
<i>Lactuca sativa</i> (lettuce).....	England.....		1		Mass.
<i>Cnephasia vigaureana</i> (Treit.) (Tortricidae):					
Flowers—assorted.....	do.....	1			Mass.
<i>Coccus viridis</i> (Green) (Coccidae):					
<i>Bryophyllum pinnatum</i>	Hawaii.....			1	Hawaii.
<i>Coffea</i> sp. (coffee).....	do.....	1			Hawaii.
<i>Gardenia augusta</i> (gardenia).....	Central America, Cuba, Hawaii.....	22		1	Calif.*, Hawaii, N. Y.
<i>Izora</i> sp.....	Bahamas.....	1			Fla.*
<i>Pachira</i> sp.....	Dominican Republic.....			1	Hawaii.
<i>Psidium guajava</i> (guava).....	Tortola.....	1			St. Thomas & St. John.
<i>Colaspis suturalis</i> Lef. (Chrysomelidae):					
Airplane.....	Mexico.....		1		Tex.
<i>Colasposoma metallicus rugiceps</i> Lef. (Chrysomelidae):					
Airplane.....	Japan.....		1		Hawaii.
<i>Conotrachelus aguacatae</i> Barber (Curculionidae):					
<i>Persea americana</i> (avocado).....	Mexico.....	15			Tex.
<i>Copiotermes formosanus</i> Shiraki (Rhino-termittidae):					
Airplane.....	Japan, Philippines (?).....		2		Hawaii.
<i>Copiotermes niger</i> Snyder (Rhino-termittidae):					
Wooden packing case.....	Nicaragua.....	6			La.
<i>Cosmopolites sordidus</i> (Germ.) (Curculionidae):					
<i>Musa paradisica sapientum</i> (banana).....	Panama.....			1	Tex.

Pests collected and reported from July 1, 1955, through June 30, 1956—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Cosmopsaltria fuliginosa</i> (Wlk.) (Cicadidae):					
Airplane.....	Philippines.....		1		Hawaii.
<i>Crioceris asparagi</i> (L.) (Chrysomelidae):					
<i>Asparagus</i> sp.....	England.....	1			N. Y.
<i>Crociosema plebeiana</i> Zell. (Olethreutidae):					
<i>Hibiscus esculentus</i> (okra).....	Cuba.....	1			N. Y.
<i>Crochius ditrupta</i> (Dist.) (Lygaeidae):					
Orchid.....	Mexico.....			1	Calif.*
<i>Cryphula apicatus</i> (Dist.) (Lygaeidae):					
Bromeliad and cycad plants.....	do.....			1	Ariz.
Orchid.....	British Honduras, Mexico.....			4	Ariz., Tex.
<i>Cryptoblabes gnidiella</i> (Mill.) (Phycitidae):					
<i>Citrus sinensis</i> (orange).....	Israel, Spain (?).....		2		Mass., Pa.
<i>Diospyros</i> sp. (persimmon).....	Italy.....		1		N. Y.
<i>Punica granatum</i> (pomegranate).....	do.....	1			N. Y.
<i>Cryptophlebia illepidia</i> (Btlr.) (Olethreutidae):					
<i>Macadamia</i> sp.....	Hawaii.....	4			Hawaii.
Plant root—unidentified.....	do.....	1			Hawaii.
<i>Samanea saman</i> (monkey pod).....	do.....	1			Hawaii.
<i>Cryptotermes brevis</i> (Wlk.) (Kalotermitidae):					
Clothing.....	do.....	1			Hawaii.
Mail package.....	do.....	1			Hawaii.
<i>Ctenochira aspersa</i> Champ. (Chrysomelidae):					
<i>Chamaedorea oblongata</i>	Mexico.....	1			Tex.
<i>Curculio elephas</i> (Gyll.) (Curculionidae):					
<i>Castanea</i> sp. (chestnut).....	Greece, Italy, Spain.....	11	1		Ill., N. Y., St. Thomas and St. John.
<i>Quercus ilex</i> (holly oak).....	Spain.....			1	N. J.
<i>Quercus suber</i> (cork oak).....	Italy, Spain.....			2	N. J.
<i>Quercus</i> sp.....	Lebanon.....	1		1	N. J., N. Y.
<i>Curculio nucum</i> L. (Curculionidae):					
<i>Castanea</i> sp. (chestnut).....	Italy.....	1			Ill.
<i>Cylas formicarius</i> (F.) ssp. (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato).....	Philippines, Thailand.....	1		1	D. C., Hawaii.
<i>Ipomoea</i> sp.....	China.....	1			Hawaii.
<i>Cylas formicarius elegantulus</i> (Summers) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato).....	Cuba, Dominican Republic, Mexico, Puerto Rico, Tortola.....	8	4		La., P. R., St. Croix, St. Thomas and St. John, Tex.
<i>Cylas formicarius formicarius</i> (F.) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato).....	India, Thailand.....	2			Hawaii, S. C.
<i>Dactyloctenya aegyptiaca</i> (Scolytidae):					
<i>Cupressus arizonica</i> (Arizona cypress).....	France.....			1	D. C.
<i>Dacus cucurbitae</i> Coq. (Tephritidae):					
Airplane.....	Hawaii (?) , unknown.....		2		Hawaii.
<i>Cucumis sativus</i> (cucumber).....	Hawaii.....		6		Calif.*
<i>Lycopersicon esculentum</i> (tomato).....	do.....		5		Calif.*
<i>Dacus cucurbitae</i> Coq. (?) (Tephritidae):					
<i>Cucumis sativus</i> (cucumber).....	do.....			3	Calif.*
<i>Dacus dorsalis</i> Hend. (Tephritidae):					
Airplane.....	Hawaii, West Pacific (?).....		2		Hawaii.
<i>Carica papaya</i> (papaya).....	Hawaii, Philippines.....	2			Hawaii.
<i>Coffea</i> sp. (coffee).....	Hawaii.....	13			Hawaii.
<i>Cordylone terminalis</i> (ti).....	do.....	1			Hawaii.
<i>Diospyros</i> sp. (persimmon).....	do.....	1			Hawaii.
<i>Ficus</i> sp. (fig).....	do.....	1			Hawaii.
<i>Mangifera indica</i> (mango).....	do.....	5			Hawaii.
<i>Psidium guajava</i> (guava).....	do.....	1			Hawaii.
<i>Dacus dorsalis</i> Hend. (?) (Tephritidae):					
<i>Mangifera indica</i> (mango).....	do.....	1			Calif.*
<i>Terminalia catappa</i> (tropical almond).....	do.....	1			Hawaii.
<i>Thevetia peruviana</i>	do.....	1			Hawaii.
<i>Dacus oleae</i> Gmel. (Tephritidae):					
<i>Olea europaea</i> (olive).....	Greece, Italy, Lebanon, Portugal.....	15	2		Mass., N. Y., Va.
<i>Dacus passiflorae</i> Frogg. (?) (Tephritidae):					
<i>Mangifera indica</i> (mango).....	Fiji.....	2			Hawaii.
<i>Deloyala guttata</i> (Oliv.) (Chrysomelidae):					
<i>Chamaedorea</i> sp.....	Mexico.....	2			Tex.
Orchid.....	do.....			1	Tex.

Pests collected and reported from July 1, 1955, through June 30, 1956—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Deloyala lecontei</i> (Cr.) (Chrysomelidae):					
Orchid	do			1	Ariz.
<i>Dendrocoris variegatus</i> Nelson (Pentatomidae):					
Orchid	do			1	Ariz.
<i>Deroceras reticulatum</i> (Muller) (Mollusca):					
<i>Brassica oleracea capitata</i> (cabbage)	Denmark, England		2		Pa.
Bromeliaceae	Mexico		1		Calif.*
<i>Cordylone terminalis</i> (ti)	Hawaii	8			Hawaii.
Fern	do		1		Hawaii.
Foliage	do	1			Hawaii.
<i>Gesneria</i> sp.	Colombia		1		Fla.
<i>Lactuca sativa</i> (lettuce)	England		1		Mass.
Orchid	Brazil, Mexico	1		2	Fla., La., Tex.
<i>Plumeria</i> sp.	Hawaii			1	Hawaii.
Soil with plants	Madeira Islands			1	Mass.
<i>Vanda</i> sp. (orchid)	Hawaii	2		2	Hawaii.
<i>Deroceras reticulatum</i> (Muller) (?) (Mollusca):					
<i>Malus sylvestris</i> (apple)	Peru		1		La.
<i>Dialeurodes chittendeni</i> Laing (Aleyrodidae):					
<i>Rhododendron</i> sp.	England			1	N. J.
<i>Dialeurodes chittendeni</i> Laing (?) (Aleyrodidae):					
<i>Rhododendron</i> "Mrs. P. Den Ouden"	Netherlands			1	N. J.
<i>Dialeurodes citri</i> (Ashm.) (Aleyrodidae):					
<i>Citrus aurantium</i> (bitter orange)	Japan		1		Calif.*
<i>Citrus reticulata</i> (Mandarin orange)	do		1		Calif.*
<i>Gardenia augusta</i> (gardenia)	do		1		Hawaii.
<i>Dialeurodes kirkaldyi</i> (Kot.) (?) (Aleyrodidae):					
<i>Jasminum</i> sp.	Hawaii			1	Hawaii.
<i>Diaprepes abbreviata</i> (L.) (Curculionidae):					
<i>Delphinium</i> sp.	Haiti	1			Fla.*
<i>Diaprepes famelicus</i> Ol. var. (Curculionidae):					
Baggage	Bermuda	1			N. Y.
<i>Dichocrocis punctiferalis</i> (Guen.) (Pyraustidae):					
<i>Pinus strobus</i> (white pine)	Japan		1		N. Y.
<i>Pinus</i> sp. (5-leaved pine)	do			1	Wash.
<i>Diocalandra taitensis</i> (Guer.) (Curculionidae):					
Baggage	Hawaii	1			Hawaii.
<i>Cocos nucifera</i> (coconut)	Guam, Hawaii	2			Hawaii, Wash.
<i>Diorymerellus taenimargo</i> Champ. (Curculionidae):					
<i>Brassavola digbyana</i> (orchid)	Honduras			1	Hawaii.
<i>Brassia</i> sp. (orchid)	British Honduras			1	Tex.
Orchid	British Honduras, Honduras, Mexico.			13	Fla., Tex.
<i>Dryocoetes autographus</i> (Ratz.) (Scolytidae):					
<i>Pinus</i> sp. (pine)	Sweden	1			Ala.
<i>Dysdercus rusticus</i> Stal (Pyrrhocoridae):					
<i>Copaifera hemitomophylla</i>	Colombia	1			Ga.
<i>Dyspessa ulula</i> (Bkh.) (Cossidae):					
<i>Allium sativum</i> (garlic)	Italy	3			La., N. Y., P. R.
<i>Epicaerus fallax</i> Boh. (Curculionidae):					
<i>Chamaedorea</i> sp.	Mexico	1			Tex.
<i>Epichorista ionephala</i> Meyr. (Tortricidae):					
<i>Ornithogalum thyrsoides</i> (chinkeriehe)	Union of South Africa	2			N. Y.
<i>Epilachna paenulata</i> (Germ.) (Coccinellidae):					
<i>Musa paradisiaca sapientum</i> (banana)	Ecuador	1			Tex.
<i>Epilachna philippinensis</i> Dieke (Coccinellidae):					
Clothing	Guam	1			Hawaii.
<i>Epinotia aporema</i> (Wlsm.) (Olethreutidae):					
<i>Phaseolus vulgaris</i> var. (string bean)	Mexico	3			Tex.
<i>Ereunetis flavistriata</i> Wlsm. (Tineidae):					
<i>Ananas comosus</i> (pineapple)	Hawaii	1			Hawaii.
<i>Cocos nucifera</i> (coconut)	do	4			Hawaii.
<i>Leucaena glauca</i>	do	1			Hawaii.
<i>Eriophyes canestrinii</i> (Nal.) (Eriophyidae):					
<i>Buxus sempervirens</i> (box)	Netherlands			2	N. J.
<i>Ernobius mollis</i> (L.) (Anobiidae):					
<i>Pinus</i> sp. (pine)	England, Sweden	3			N. Y.
<i>Eucalymnatus tessellatus</i> (Sign.) (Coccidae):					
<i>Gardenia augusta</i> (gardenia)	Mexico				Tex.
Palm	Cuba	1			Fla.*
<i>Philodendron</i> sp.	Bahamas			1	Va.

Pests collected and reported from July 1, 1955, through June 30, 1956—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Euetheola bidentata</i> (Burm.) (Scurabaeidae):					
<i>Ananas comosus</i> (pineapple).....	do.....	1			Tex.
<i>Euetheola rugiceps</i> (Lec.) (Scurabaeidae):					
Soil with potted plant.....	Japan.....		1		Tex.
<i>Eulia auraria</i> Clarke (Tortricidae):					
<i>Prunus domestica</i> (plum).....	Chile.....	1			N. Y.
<i>Eurytoma orchidearum</i> (Westw.) (Eurytomidae):					
<i>Cattleya mossiae</i> (orchid).....	Venezuela.....			1	N. J.
<i>Cattleya</i> sp.....	do.....			2	N. J.
<i>Cladobium ceracifolium</i>	Brazil.....			1	N. J.
<i>Epidendrum radicans</i> (orchid).....	Costa Rica.....			1	Fla.
<i>Euscepes postfasciatus</i> (Fairm.) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato).....	British Guiana, Grenada, Hawaii, Montserrat.	1	3		Calif.* N. Y. St. Croix
<i>Euschistus comptus</i> Wlk. (Pentatomidae):					
<i>Agave</i> sp.....	Mexico.....			1	Tex.
<i>Everes comyntas</i> (Godt.) (Lycaenidae):					
<i>Phaseolus vulgaris</i> var. (string bean).....	do.....	7			Tex.
<i>Evergestis forficalis</i> (L.) (Pyraustidae):					
<i>Brassica oleracea botrytis</i> (cauliflower).....	Belgium, England.....		2		Tex., Va.
<i>Brassica oleracea capitata</i> (cabbage).....	England, Netherlands.....	1	1		Pa., Tex.
<i>Ezptochiamera confusa</i> Barber (Lygaeidae):					
<i>Cucumis melo cantalupensis</i> (cantaloupe).....	Mexico.....	2			Tex.
Leaf—unknown.....	do.....	1			Tex.
Orchid.....	do.....			6	D. C., Tex.
<i>Pelargonium</i> sp. (geranium).....	do.....			1	Tex.
<i>Ezptochiamera formosa</i> (Dist.) (Lygaeidae):					
Orchid.....	do.....			1	Tex.
<i>Ezptochiamera oblonga</i> Stal (Lygaeidae):					
<i>Ananas comosus</i> (pineapple).....	Dominican Republic.....			1	P. R.
<i>Farinococcus guatemalensis</i> Ferris (Coccidae):					
Orchid.....	Mexico.....			1	N. J.
<i>Ferrisia virgata</i> (Ckll.) (Coccidae):					
Orchid.....	do.....	1			Calif.*
<i>Frankliniella bispinosa</i> (Morg.) (Thripidae):					
<i>Dahlia</i> sp.....	Bermuda.....	1			N. Y.
<i>Gypsophila</i> sp.....	do.....	1			Mass.
<i>Lathyrus odoratus</i> (sweetpea).....	do.....	1			Mass.
<i>Lathyrus sativus</i>	do.....	1			Mass.
<i>Lathyrus</i> sp.....	do.....	1			Mass.
<i>Frankliniella cestrum</i> Mlt. (Thripidae):					
<i>Adesmia</i> sp.....	Chile.....			1	D. C.
<i>Frankliniella formosae</i> Mlt. (Thripidae):					
<i>Buddleia</i> sp.....	Japan.....	1			Hawaii.
<i>Chrysanthemum</i> sp.....	do.....	9	2		Hawaii.
<i>Dahlia</i> sp.....	do.....	1			Hawaii.
<i>Dianthus</i> sp. (carnation).....	do.....	10	3		Hawaii.
<i>Gladiolus</i> sp.....	do.....	3			Hawaii.
<i>Lilium japonicum album</i> (white Japanese lily).....	do.....	1			Hawaii.
<i>Lilium</i> sp.....	do.....	2			Hawaii.
<i>Rosa</i> sp.....	do.....	1			Hawaii.
<i>Frankliniella intensa</i> (Tryb.) (Thripidae):					
<i>Aster</i> sp.....	Germany (?).....		1		N. Y.
<i>Calluna vulgaris</i> (heather).....	Germany, Scotland.....	1		1	Mass., N. Y.
<i>Cyclamen</i> sp.....	Italy.....		1		N. Y.
<i>Dahlia</i> sp.....	Netherlands.....	1			N. Y.
<i>Gentiana</i> sp.....	Switzerland.....	1			N. Y.
<i>Lathyrus odoratus</i> (sweetpea).....	Sweden, Yugoslavia.....	2			Ill.
<i>Potentilla</i> sp.....	Germany.....			1	N. J.
<i>Rosa</i> sp.....	do.....	1			Ill.
<i>Frankliniella occidentalis</i> (Perg.) (Thripidae):					
<i>Pelargonium</i> spp.....	Mexico.....			1	Tex.
<i>Frankliniella schultzei</i> (Tryb.) (Thripidae):					
<i>Dianthus</i> sp. (carnation).....	South America.....		1		P. R.
<i>Ornithogalum thyrsoides</i> (chinkerichce).....	Union of South Africa.....	4			N. J., N. Y.
<i>Frankliniella sulphurea</i> Schmutz (Thripidae):					
<i>Mesembryanthemum roseum</i>	Hawaii.....	1			Hawaii.
<i>Philadelphus</i> sp. (mock orange).....	do.....	1			Hawaii.

Pests collected and reported from July 1, 1955, through June 30, 1956—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Frankliniella tenuicornis</i> (Uzel) (Thripidae):					
<i>Allium sativum</i> (garlic).....	Italy, Spain.....	5			P. R.
<i>Brassica oleracea capitata</i> (cabbage).....	Belgium.....		1		Pa.
Soil with garlic.....	Italy.....	1			Mass.
<i>Frankliniella tritici</i> (Fitch) (Thripidae):					
<i>Chrysanthemum</i> sp.....	Barbados.....	1			N. Y.
<i>Frankliniella williamsi</i> Hood (Thripidae):					
<i>Zea mays</i> (corn).....	Ecuador, Tortola.....	1	2		Pa., St. Thomas and St. John.
<i>Fundella pellucens</i> (Zell.) (Phycitidae):					
<i>Cajanus cajan</i> (pigeonpea).....	Bahamas.....	1			Fla.*
<i>Furcaspis biformis</i> (Ckll.) (Coccidae):					
<i>Brassavola nodosa</i> (orchid).....	Canal Zone.....			1	Fla.
<i>Brassavola</i> sp.....	Panama.....			1	Fla.
<i>Cattleya dowiana</i> (orchid).....	Canal Zone.....			1	Calif.*
<i>Cattleya</i> sp.....	do.....			2	Calif., Fla.
<i>Epidendrum atropurpureum</i> (orchid).....	do.....			2	Calif.*
<i>Epidendrum</i> sp.....	Canal Zone, Panama, Puerto Rico.....			3	Fla.
<i>Oncidium</i> sp. (orchid).....	Canal Zone, Costa Rica, Jamaica.....			3	Fla.
Orchid.....	Canal Zone, Colombia, Costa Rica, Cuba, Dominican Republic, Guatemala, Jamaica, Panama(?). Canal Zone.....	1		25	Calif., Fla.
<i>Rodriguezia secunda</i> (orchid).....	Canal Zone.....			1	Hawaii.
<i>Furcaspis oceanica</i> Ldgr. (Coccidae):					
<i>Cocos nucifera</i> (coconut).....	Kwajalein.....	1			Hawaii.
<i>Galerucella zanthomelaena</i> (Schrank) (Chrysomelidae):					
<i>Syringa vulgaris</i> (lilac).....	Italy.....			1	N. J.
<i>Galgupha punctifer</i> McA. & Mall. (Pentatomidae):					
Orchid.....	Costa Rica.....			1	Fla.
<i>Galgupha quadrisignata</i> Stal (Pentatomidae):					
Orchid.....	Brazil.....			1	Tex.
<i>Galgupha tezana</i> McA. & Mall. (Pentatomidae):					
Orchid.....	Mexico.....			1	Tex.
<i>Glycyphagus domesticus</i> (Deg.) (Glycyphagidae):					
<i>Citrus</i> sp.....	Azores.....	1			Mass.
<i>Malus sylvestris</i> (apple).....	England.....	1			Pa.
<i>Protea</i> sp.....	Union of South Africa.....	1			N. Y.
<i>Scirpus maritimus</i>	Azores.....	1			Pa.
Soil with bulbs, cuttings, and plants.....	Azores, Italy, Portugal.....			3	Mass.
<i>Triticum aestivum</i> (wheat).....	Azores, Germany.....	2			Mass.
<i>Gnaphalocrois medialis</i> (Guen.) (Pyraustidae):					
Airplane.....	Thailand.....		1		Hawaii.
<i>Gnorimoschema gudmannella</i> (Wlsm.) (Gelechiidae):					
<i>Capsicum frutescens</i> (pepper).....	Mexico.....	1			Ariz.
<i>Gnorimoschema ocellatella</i> (Boyd) (Gelechiidae):					
<i>Beta vulgaris</i> (beet).....	Egypt, France, Spain.....		3		Pa., Tex.
<i>Gortyna flavago</i> (Schiff.) (Phalaenidae):					
<i>Cynara scolymus</i> (globe artichoke).....	Spain.....		1		Pa.
<i>Gracilaria azaleella</i> Brants (Gracilariidae):					
<i>Rhododendron</i> sp.....	Japan.....			1	D. C.
<i>Grapholitha molesta</i> (Busck) (Olethreutidae):					
<i>Malus sylvestris</i> (apple).....	do.....	1			Wash.
<i>Prunus domestica</i> (plum).....	France.....		1		N. Y.
<i>Prunus persica</i> (peach).....	Switzerland.....		1		N. Y.
<i>Pyrus communis</i> (pear).....	Japan.....	1			Wash.
<i>Haplothrips aculeatus</i> (F.) (Phlaeothripidae):					
<i>Fatsia japonica</i>	do.....			1	Calif.*
<i>Rhododendron catawbiense</i>	Netherlands.....			1	N. J.
<i>Syringa vulgaris</i> (lilac).....	do.....			1	N. J.
<i>Haplothrips cottei</i> (Vuillet) (Phlaeothripidae):					
<i>Dianthus</i> sp. (carnation).....	France, Greece, Mexico, Portugal.....	4			Calif., Ill., Mass., N. Y.
Soil with carnation, cabbage, and lettuce plants.....	Portugal.....			1	Mass.

Pests collected and reported from July 1, 1955, through June 30, 1956—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Haplothrips gowdeyi</i> (Frankl.) (Phlaeothripidae):					
<i>Chrysanthemum</i> sp.	Barbados	1			N. Y.
<i>Coriaderia argentea</i> (pampas grass)	Bermuda	1			Mass.
<i>Dahlia</i> sp.	Dominican Republic	1			P. R.
Daisy	Japan		1		Hawaii.
<i>Dianthus</i> sp. (carnation)	Australia		2		Hawaii.
Grass and wood	Tortola	1			St. Thomas and St. John.
<i>Lathyrus sativus</i>	Bermuda	1			Mass.
<i>Mesembryanthemum roseum</i>	Hawaii	2			Hawaii.
<i>Nerium oleander</i> (oleander)	Midway	2			Hawaii.
<i>Ornithogalum</i> sp.	Union of South Africa	1			N. Y.
<i>Rosa</i> sp.	St. Kitts	1			P. R.
<i>Sesuvium portulacastrum</i>	Hawaii	1			Hawaii.
<i>Haplothrips gowdeyi</i> (Frankl.) (?) (Phlaeothripidae):					
Flowers—mixed	Bermuda	1			Mass.
<i>Sorghum vulgare</i> (sorghum)	Dominican Republic			1	D. C.
<i>Helipus lauri</i> Boh. (Curculionidae):					
<i>Pereca americana</i> (avocado)	Mexico	1			Tex.
<i>Helipus ocellatus</i> (Oliv.) (Curculionidae):					
Packing of orchid plants	Brazil			1	Fla.
<i>Heliothis subfexa</i> (Guen.) (Phalaenidae):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Tex.
<i>Physalis</i> sp. (bush tomato)	do	2			Tex.
<i>Helix aspersa</i> (Muller) (Mollusca):					
Bromeliaceae	Mexico			1	Calif.*
Orchid	do	1			Calif.*
<i>Heraeus guttatus</i> (Dallas) (Lygaeidae):					
Orchid	British Honduras			1	Tex.
<i>Heterobostrychus aequalis</i> (Waterh.) (Bostrichidae):					
<i>Ananas comosus</i> (pineapple)	Cuba	1			La.
Wood case	India	1			Va.
<i>Heterobostrychus brunneus</i> (Murray) (Bostrichidae):					
Drum—made of wood and animal skin	Union of South Africa	1			Fla.*
<i>Heterotermes aureus</i> (Snyder) (Rhinothripidae):					
Orchid	Grand Cayman			1	Fla.
<i>Homoeosoma electellum</i> (Hbst.) (Phycitidae):					
<i>Chrysanthemum</i> sp.	Mexico	3			Tex.
<i>Zinnia</i> sp.	Bermuda	1			Mass.
<i>Hyalolephus pellucidus</i> (Stal) (Miridae):					
Airplane	Hawaii		1		Hawaii.
<i>Anthurium</i> sp.	do	2			Hawaii.
<i>Hylurgops palliatus</i> (Gyll.) (Scolytidae):					
<i>Pinus</i> sp. (pine)	Sweden	1			Ala.
<i>Hymenia perspectalis</i> (Hbn.) (Pyraustidae):					
<i>Stenotaphrum secundatum</i> (St. Augustine grass)	Brazil			1	Fla.
<i>Hypera postica</i> (Gyll.) (Curculionidae):					
<i>Beta vulgaris</i> (beet)	France (?)		1		Pa.
<i>Hyperparachma rhodalis</i> Hamp. (Chrysauaidae):					
Orchid	Mexico			1	Tex.
<i>Hypocala deflorata</i> (F.) (Phalaenidae):					
Airplane	Japan		1		Hawaii.
<i>Hypsopygia costalis</i> (F.) (Pyralidae):					
Leaf	do	1			Wash.
<i>Iridomyrmex humilis</i> Mayr (Formicidae):					
<i>Anthurium</i> sp.	Hawaii	1			Hawaii.
Flowers—assorted	Bermuda	1			Mass.
<i>Gardenia augusta</i> (gardenia)	Hawaii	1			Hawaii.
<i>Pelargonium</i> sp. (geranium)	Bermuda			1	N. Y.
<i>Iridomyrmex iniquus</i> Mayr (Formicidae):					
Orchid	Guatemala, Jamaica			2	Hawaii, Tex.
Packing	Guatemala			1	Hawaii.
<i>Ischnodemus diplopterus</i> (Dist.) (Lygaeidae):					
<i>Prunus armeniaca</i> (apricot)	Union of South Africa	1			N. Y.
<i>Kaloterms immigrans</i> Snyder (Kalotermitidae):					
<i>Cocos nucifera</i> (coconut)	Hawaii	1			Hawaii.
<i>Kaloterms jouteli</i> Banks (Kalotermitidae):					
Airplane	Cuba		1		Fla.*
<i>Lamellaxis gracilis</i> (Hutton) (Mollusca):					
<i>Philodendron</i> sp.	Hawaii			1	Hawaii.

Pests collected and reported from July 1, 1955, through June 30, 1956—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Lampides boeticus</i> (L.) (Lycaenidae):					
<i>Canavalia microcarpa</i>	do.....	1			Hawaii.
<i>Canavalia</i> sp.....	do.....	12			Calif.*, Hawaii.
<i>Phaseolus vulgaris</i> var. (string bean).....	Japan.....		1		Wash.
<i>Pisum sativum</i> (pea).....	do.....	1			Wash.
<i>Laspeyresia leguminis</i> Hein. (Olethreutidae):					
<i>Phaseolus vulgaris</i> var. (string bean).....	Ecuador.....		1		Ala.
<i>Laspeyresia nigricana</i> (Stph.) (Olethreutidae):					
<i>Pisum sativum</i> (pea).....	England.....	1	1		Mass, Tex.
<i>Laspeyresia splendana</i> (Hbn.) (Olethreutidae):					
<i>Castanea</i> sp. (chestnut).....	England, France, Italy, Portugal, Spain, Switzerland.	24	1	1	Ill., La., Mass., N. Y., Wash.
<i>Leperisus frazini</i> (Panz.) (Scolytidae):					
Bark.....	Belgium.....	1			S. C.
<i>Lepidosaphes conchiformis</i> (Gmel.) (Coccidae):					
<i>Malus sylvestris</i> (apple).....	Japan.....		1		Calif.*
<i>Lepidosaphes tokionis</i> (Kuw.) (Coccidae):					
<i>Codiaeum</i> sp. (croton).....	Canal Zone, Hawaii.....	10		10	Calif.*, Hawaii.
<i>Lepidosaphes tuberculata</i> Mal. (Coccidae):					
<i>Cymbidium</i> sp. (orchid).....	Australia, Japan.....	1		9	Calif.*, Fla.
<i>Leptidiella brevipennis</i> Muls. (Cerambycidae):					
<i>Ornithogalum thyrsoides</i> (chinkerichee).....	Union of South Africa.....	1			N. J.
<i>Leucaspis cockerelli</i> (de Charm.) (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime).....	Panama.....		1		Calif.*
<i>Citrus limon</i> (lemon).....	Fiji Islands, Panama.....		2		Calif.*
<i>Citrus paradisi</i> (grapefruit).....	Canal Zone, Panama.....		2		Calif.*
<i>Citrus sinensis</i> (orange).....	Panama.....		3		Calif.*
<i>Leucaspis pusilla</i> Loew (Coccidae):					
<i>Pinus</i> sp. (2-leaved pine).....	Yugoslavia.....	1			Mass.
<i>Leucinodes orbonalis</i> Guen. (Pyraustidae):					
<i>Solanum melongena</i> (eggplant).....	Nigeria.....		1		Ala.
<i>Ligyrocoris nitidicollis</i> (Stal) (Lygaeidae):					
<i>Solanum tuberosum</i> (potato).....	Mexico.....	1			Tex.
<i>Lilicercis lili</i> (Scop.) (Chrysomelidae):					
<i>Lilium</i> sp. (lily).....	Italy.....			1	N. Y.
<i>Limax flavus</i> L. (Mollusca):					
<i>Apium graveolens</i> (celery).....	do.....		1		Pa.
<i>Limax marginatus</i> Muller (Mollusca):					
<i>Brassica oleracea capitata</i> (cabbage).....	Azores.....		1		Ga.
Bromeliaceae.....	Mexico.....			1	Calif.*
Orchid.....	Costa Rica, Mexico.....			3	Fla.
Plants and bulbs—assorted.....	Portugal.....			1	Mass.
Soil.....	Germany.....	1			N. Y.
<i>Limothrips cerealeum</i> Hal. (Thripidae):					
Bromeliad.....	Portugal.....			1	Mass.
<i>Calluna vulgaris</i> (heather).....	Scotland, Switzerland.....	2			Mass., N. Y.
<i>Chrysanthemum</i> sp.....	France.....	1			Ill.
<i>Gladiolus nanus</i>	Netherlands.....			1	N. J.
<i>Narcissus</i> sp.....	Ireland.....			1	N. J.
<i>Potentilla</i> sp.....	Germany.....			1	N. J.
<i>Rhododendron</i> sp.....	Belgium.....			1	N. J.
Soil from automobile.....	England.....	1			Pa.
<i>Syringa</i> sp.....	Netherlands.....	1			N. Y.
<i>Limothrips denticornis</i> Hal. (Thripidae):					
<i>Potentilla</i> sp.....	Germany.....			1	N. J.
Soil with horseradish.....	England.....	1			Mass.
<i>Triticum aestivum</i> (wheat).....	Italy, Sweden.....	1		1	N. Y.
<i>Liothrips vaneckei</i> Pr. (Phlaeothripidae):					
<i>Lilium auratum</i> (goldband lily).....	Japan.....			1	Oreg.
<i>Lilium speciosum</i> (speciosum lily).....	do.....			1	Oreg.
<i>Lilium</i> sp.....	England.....			1	N. J.
<i>Liothrips vaneckei</i> Pr. (?) (Phlaeothripidae):					
<i>Lilium</i> sp.....	Japan.....	1		1	Va., Wash.
<i>Listroderes costirostris obliquus</i> (Klug) (Curculionidae):					
<i>Brassica chinensis</i>	do.....		1		S. C.
Orchid.....	Canal Zone.....			1	Calif.*
Soil packing.....	Japan.....			1	Calif.*
Wrapping.....	Hawaii.....	1			Hawaii.

Pests collected and reported from July 1, 1955, through June 30, 1956—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Livia juncorum</i> Latr. (Psyllidae):					
<i>Calluna vulgaris</i> (heather).....	Scotland.....	1			Mass.
<i>Lozostege similis</i> (Guen.) (Pyraustidae):					
<i>Cucumis melo cantalupensis</i> (cantaloupe).....	Mexico.....	1			Tex.
<i>Lyctus africanus</i> Lesne (Lyctidae):					
Wood.....	India, Liberia, Union of South Africa.....	7			Fla.* , Ill., Mass., N.Y., Pa.
<i>Lygaeus guatemalanus</i> Dist. (Lygaeidae):					
<i>Cattleya</i> sp. (orchid).....	Venezuela.....			1	N. J.
<i>Lygaeus pusto</i> Stal (Lygaeidae):					
Cactus.....	Mexico.....			1	Ariz.
<i>Macropylax fasciata</i> (Hsiao & Sailer) (Lygaeidae):					
<i>Alopecurus</i> sp.....	Iran.....			1	D. C.
<i>Macropygium reticulare</i> (F.) (Pentatomidae):					
Orchid.....	Canal Zone.....			1	Fla.
<i>Mamestra brassicae</i> (L.) (Phalaenidae):					
<i>Brassica oleracea capitata</i> (cabbage).....	Netherlands.....		1		Ala.
<i>Maruca testulalis</i> (Geyer) (Pyraustidae):					
<i>Canavalia</i> sp.....	Hawaii.....	10			Calif.* , Hawaii.
<i>Phaseolus vulgaris</i> var. (string bean).....	Japan, Puerto Rico.....	1	1		P. R., Wash.
<i>Phaseolus</i> sp.....	Japan.....		1		Calif.*
<i>Pisum sativum</i> (pea).....	Puerto Rico.....	1			P. R.
<i>Mecolaemus carvalhoi</i> (Costa Lima) (?) (Miridae):					
Orchid.....	Panama.....			1	Fla.
<i>Megacerus alternatus</i> Bridw. (Bruchidae):					
<i>Operculina tuberosa</i> (wood-rose).....	Hawaii.....			1	Hawaii.
<i>Megastigmus pinuspinus</i> Parf. (Torymidae):					
<i>Abies procera</i>	Scotland.....			1	N. J.
<i>Megastigmus rafni</i> Hoffmeyer (Torymidae):					
<i>Abies concolor</i> (white fir).....	Belgium.....			1	N. J.
<i>Metamastus sericeus</i> (Oliv.) (Curculionidae):					
<i>Anthurium</i> sp.....	Costa Rica.....			1	Fla.
<i>Brassica rapa</i> (turnip).....	Ecuador.....		1		Tex.
<i>Musa paradisica sapientum</i> (banana).....	Costa Rica, Ecuador, Guatemala, Honduras, Mexico, Panama.....	59			Calif.* , La., N. Y., Pa., S. C., Tex.
<i>Metopoplax ditomoides</i> (Costa) (Lygaeidae):					
Excelsior packing.....	Spain.....	1			Mass.
<i>Metritona crucipennis</i> (Boh.) (Chrysomelidae):					
<i>Chamaedorea pumila</i> (palm).....	Mexico.....	1			N. Y.
Palm.....	do.....	1			Tex.
<i>Micrapate mexicana</i> Fisher (Bostrichidae):					
<i>Calamus</i> (?) sp.....	Mexico.....	1			Fla.
<i>Micrelus ericae</i> Gyll. (Curculionidae):					
<i>Calluna vulgaris</i> (heather).....	Scotland.....	4			Ill., Mass.
<i>Microcephalothrips abdominalis</i> (Crawf.) (Thripidae):					
<i>Arctotis stoechadifolia</i> (African daisy).....	Australia, Japan.....	2			Hawaii.
<i>Chrysanthemum</i> sp.....	Barbados, Japan.....	7	1		Hawaii, N. Y.
<i>Dahlia</i> sp.....	Australia, Japan.....	3	1		Hawaii.
Daisy.....	Japan, Trinidad.....		2		Hawaii, P. R.
<i>Dianthus</i> sp. (carnation).....	Australia.....	2			Hawaii.
<i>Helichrysum grandiflorum</i>	Japan.....	1			Hawaii.
<i>Rosa</i> sp.....	St. Kitts.....	1			P. R.
<i>Tagetes florida</i> (marigold).....	Australia.....		1		Hawaii.
<i>Zinnia</i> sp.....	Japan.....	1			Hawaii.
<i>Milax gagates</i> (Drap.) (Mollusca):					
<i>Solanum melongena</i> (eggplant).....	Italy.....		1		Pa.
<i>Mimosestes sallaei</i> (Sharp) (Bruchidae):					
<i>Acacia tortuosa</i>	do.....			1	N. Y.
<i>Acacia</i> sp.....	Hawaii.....			1	Hawaii.
Legume seed.....	Jamaica.....	1			Fla.
<i>Melorchus minor</i> (L.) (Cerambycidae):					
Wood-coniferous.....	Switzerland.....	1			Pa.
<i>Monalcorisca granulata</i> Dist. (Miridae):					
Airplane.....	Mexico.....		1		Tex.
<i>Monanthia monotropidia</i> Stal (Tingidae):					
Orchid.....	do.....			2	Tex.
<i>Tillandsia</i> sp.....	do.....			2	Tex.

Pests collected and reported from July 1, 1955, through June 30, 1956—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Monomorium destructor</i> (Jerd.) (Formicidae):					
<i>Cajanus cajan</i> (pigeonpea).....	Antigua.....	1	—	—	St. Croix.
<i>Gardenia</i> sp.....	Hawaii.....	1	—	—	Hawaii.
<i>Lonicera</i> sp.....	Trinidad.....	—	1	—	Ga.
<i>Oryza sativa</i> (rice).....	Philippines.....	1	—	—	Hawaii.
<i>Moodna bisinuella</i> Hamp. (Phycitidae):					
<i>Zea mays</i> (corn).....	Mexico.....	1	—	—	Tex.
<i>Mormidea pictiventris</i> Stal (Pentatomidae):					
Airplane.....	Venezuela.....	—	1	—	Fla.
Orchid.....	Cuba, Mexico.....	—	—	6	Fla., Tex.
<i>Myelois ceratoniae</i> (Zell.) (Phycitidae):					
<i>Citrus sinensis</i> (orange).....	Morocco.....	1	—	—	Pa.
<i>Punica granatum</i> (pomegranate).....	Greece, Italy.....	5	—	—	N. Y.
<i>Tamarindus indica</i> (tamarind).....	British West Indies.....	1	—	—	P. R.
<i>Nasutitermes nigriceps</i> (Hald.) (Termitidae):					
Wooden packing case.....	Nicaragua.....	5	—	—	La.
<i>Naupactus xanthographus</i> (Germ.) (Curculionidae):					
<i>Vitis</i> sp. (grape).....	Chile.....	1	—	—	N. Y.
<i>Nemapogon granella</i> (L.) (Tineidae):					
<i>Agaricus campestris</i> (mushroom).....	Italy.....	1	—	—	N. Y.
<i>Neoleucon rubrotylus</i> Carvalho (Miridae):					
<i>Philodendron</i> sp.....	Mexico.....	—	—	1	Tex.
<i>Nephotettix apicalis</i> (Motsch.) (Cicadellidae):					
Airplane.....	Philippines, West Pacific.....	—	4	—	Hawaii.
<i>Neuroctenus litigious</i> Stal (Aradidae):					
Orchid.....	Mexico.....	—	—	1	Tex.
<i>Neuroterus numismalis</i> (Fourc.) (Cynipidae):					
<i>Quercus</i> sp. (oak).....	England.....	1	—	—	Mich.
<i>Neuroterus quercus-baccarum</i> (L.) (Cynipidae):					
<i>Quercus</i> sp. (oak).....	Wales.....	1	—	—	Pa.
<i>Nezara viridula</i> (L.) (Pentatomidae):					
Airplane.....	Argentina.....	—	1	—	Fla.
<i>Cajanus cajan</i> (pigeonpea).....	Tortola.....	3	—	—	St. Thomas and St. John.
Succulent plant.....	Mexico.....	—	—	1	Ariz.
<i>Vitis</i> sp. (grape).....	Union of South Africa.....	1	—	—	Md.
<i>Nomophila noctuella</i> (D. & S.) (Pyraustidae):					
Airplane.....	Japan.....	—	3	—	Hawaii.
<i>Nysius californicus</i> Stal (Lygaeidae):					
Airplane.....	Mexico.....	—	1	—	Tex.
<i>Lactuca sativa</i> (lettuce).....	do.....	—	1	—	Tex.
<i>Lilium longiflorum</i> (Easter lily).....	do.....	—	1	—	Tex.
<i>Nysius coenosulus</i> Stal (Lygaeidae):					
Airplane.....	Hawaii.....	—	1	—	Hawaii.
<i>Vanda</i> sp. (orchid).....	do.....	—	8	—	Hawaii.
<i>Nysius raphanus</i> Howard (Lygaeidae):					
Baggage.....	Mexico.....	1	—	—	Tex.
Cactus.....	do.....	—	—	1	Tex.
<i>Capsicum frutescens grossum</i> (bell pepper).....	do.....	1	—	—	Ariz.
Flowers.....	do.....	1	—	—	Ariz.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	1	—	—	Tex.
Orchid.....	do.....	—	—	2	Tex.
<i>Nysius terrestris</i> Usinger (Lygaeidae):					
Airplane.....	Hawaii.....	—	2	—	Hawaii.
<i>Odontotermes wallonensis</i> (Wasm.) (Termitidae):					
<i>Dahlia</i> sp.....	India.....	—	—	1	N. J.
<i>Oedionychis atroguttata</i> Jac. (Chrysomelidae):					
Orchid.....	Mexico.....	—	—	1	Ariz.
<i>Oedionychis pavonina</i> Jac. (Chrysomelidae):					
Orchid.....	do.....	—	—	1	Tex.
<i>Ogdoecosta biannularis</i> (Boh.) (Chrysomelidae):					
Orchid.....	do.....	—	—	1	Tex.
<i>Olethreutes leucotreta</i> (Meyr.) (Olethreutidae):					
<i>Citrus paradisi</i> (grapefruit).....	Union of South Africa.....	—	1	—	Tex.
<i>Citrus sinensis</i> (orange).....	Mozambique, Union of South Africa.....	—	4	—	Md., Mass., Pa.
<i>Olethreutes leucotreta</i> (Meyr.) (?) (Olethreutidae):					
<i>Citrus sinensis</i> (orange).....	Northern Africa (?), Union of South Africa.....	—	2	—	Pa.
<i>Oligonychus perditus</i> P. & B. (Tetranychidae):					
<i>Juniperus</i> sp. (juniper).....	Formosa.....	—	—	1	Wash.

Pests collected and reported from July 1, 1955, through June 30, 1956—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Opogona purpuricollis</i> Sw. (Lyonetiidae):					
Flowers	Hawaii	1			Hawaii.
<i>Orchidophilus peregrinator</i> Buch. (Curculionidae):					
<i>Plumeria</i> sp.	Hawaii	1			Hawaii.
<i>Orsillus depressus</i> (Muls. & Rey) (Lygaeidae):					
<i>Cupressus</i> sp. (cypress)	Iran			1	D. C.
<i>Ozycareus bicolor</i> Fieber (Lygaeidae):					
<i>Cymbidium</i> sp. (orchid)	Australia	1			Hawaii.
<i>Gossypium</i> sp. (cottonseed)	Guam			1	D. C.
<i>Orychilus allarius</i> (Muller) (Mollusca):					
<i>Erica</i> sp.	Scotland	1			Mass.
Soil with ivy and <i>Tradescantia</i> sp.	Iceland			1	Mass.
<i>Orydema fustiforme</i> Woll. (Curculionidae):					
Clothing	Hawaii	1			Hawaii.
Flowers	do.	2			Hawaii.
<i>Sterculia urens</i>	do.	1			Hawaii.
Wrapping paper	do.	1			Hawaii.
<i>Oxygryllus ruginasus</i> (Lec.) (Scarabaeidae):					
Cactus	Mexico			1	Ariz.
Clothing	do.	1			Calif.
Railway car	do.			1	Tex.
<i>Pachybrachius neitneri</i> (Dohrn) (Lygaeidae):					
<i>Lansium domesticum</i>	Philippines	1			Hawaii.
<i>Pachyzancla perisialis</i> (Wlk.) (Pyraustidae):					
<i>Solanum melongena</i> (eggplant)	Cuba	1			N. Y.
<i>Pantomorus godmani</i> (Crotch) (Curculionidae):					
Baggage	Hawaii	1			Hawaii.
Flowers	do.	1			Hawaii.
<i>Operculina tuberosa</i> (wood-rose)	do.	1			Hawaii.
Paper wrapping for straw flowers	Peru	1			Fla.
<i>Plumeria</i> sp.	Hawaii	1			Hawaii.
<i>Strelitzia reginae</i>	do.	1			Hawaii.
<i>Vitis</i> sp. (grape)	Chile	1			N. Y.
<i>Paragonatus divergens</i> (Dist.) (Lygaeidae):					
Airplane	Mexico			1	Tex.
<i>Capsicum frutescens longum</i> (chili pepper)	do.	1			Tex.
<i>Parlatoria camelliae</i> Comst. (Coccidae):					
<i>Camellia reticulata</i> (netvein camellia)	Portugal			1	D. C.
<i>Camellia</i> sp.	do.			1	Calif.*
<i>Parlatoria cinerea</i> Hadden (Coccidae):					
<i>Citrus aurantifolia</i> (lime)	Mexico			1	Calif.*
<i>Citrus limon</i> (lemon)	Brazil			1	Calif.*
<i>Citrus paradisi</i> (grapefruit)	do.			1	Calif.*
<i>Citrus sinensis</i> (orange)	do.			5	Calif.* Fla.* St. Thomas and St. John.
<i>Parlatoria crotonis</i> Dougl. (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Mexico			1	Calif.*
<i>Codiaeum</i> sp. (croton)	Hawaii	4		1	Hawaii.
<i>Parlatoria pseudaspidotus</i> Ldgr. (Coccidae):					
<i>Vanda</i> sp. (orchid)	do.			1	Hawaii.
<i>Parlatoria zizyphus</i> (Lucas) (Coccidae):					
<i>Citrus aurantifolia</i> (lime)	Indo-China, Thailand	1	1		Calif.* Hawaii.
<i>Citrus depressa</i>	Okinawa			1	D. C.
<i>Citrus limon</i> (lemon)	France, Italy, Morocco	1	3		Calif.* Pa., P. R.
<i>Citrus reticulata</i> (Mandarin orange)	Indo-China, Italy, Japan, Thailand	2	2		Calif.* Ha- waii, Pa.
<i>Citrus sinensis</i> (orange)	Formosa, Indo-China, Israel, Morocco, Philippines, Spain, unknown.	2	7		Calif.* Fla.* Hawaii, Mass., St. Thomas and St. John.
<i>Citrus</i> sp.	Japan			1	Hawaii.
<i>Poncirus trifoliata</i> (?) (trifoliolate-orange)	Spain	1			N. J.
<i>Paromitus longulus</i> (Dall.) (Lygaeidae):					
Cactus	Mexico			1	Ariz.]
Orchid	Cuba, Guatemala, Mexico			4	Ariz., Fla., Tex.
<i>Parthenothrips dracaenae</i> (Heeger) (Thripidae)					
<i>Cordylus</i> sp.	Hawaii			1	Hawaii.

Pests collected and reported from July 1, 1955, through June 30, 1956—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Pealus hibisci</i> (Kot.) (Aleyrodidae):					
<i>Gardenia augusta</i> (gardenia).....	Hawaii.....	1			Hawaii.
<i>Pectinophora gossypiella</i> Saund. (Gelechiidae):					
<i>Gossypium</i> sp. (cottonseed).....	Anglo-Egyptian Sudan, Hawaii, Mexico, St. Croix.	2	1	1	Calif.* D. C., P. R., Tex.
<i>Gossypium</i> sp. (seed cotton).....	Italy, Mexico.....	155	1		Calif., Mass., Tex.
<i>Gossypium</i> sp. (cotton; boll).....	Hawaii.....	1			Hawaii.
<i>Hibiscus esculentus</i> (okra).....	Brazil, Dominican Republic		2		N. Y., S. C.
<i>Hibiscus</i> sp.....	Hawaii.....	1			Hawaii.
<i>Pectinophora scutigera</i> (Holdaway) (Gelechiidae):					
<i>Gossypium</i> sp. (cotton; boll).....	do.....	1			Hawaii.
<i>Pentalonia nigronervosa</i> Coq. (Aphidae):					
<i>Alpina purpurata</i>	do.....	4			Hawaii.
<i>Hedyotis</i> sp. (torch ginger).....	do.....	1			D. C.
<i>Peregrinus maidis</i> (Ashm.) (Delphacidae):					
<i>Zea mays</i> (corn).....	Tortola.....	1			St. Thomas and St. John.
<i>Peridroma margaritosa</i> (Haw.) (Phalaenidae):					
Airplane.....	Unknown.....		1		Hawaii.
<i>Periphyllus californiensis</i> (Shinji) (Aphidae):					
<i>Acer</i> sp. (maple).....	Belgium.....			1	N. J.
<i>Perkinsiella saccharicida</i> Kirk. (Delphacidae):					
Airplane.....	Hawaii, Midway Islands (?)		2		Hawaii.
<i>Perkinsiella vitensis</i> Kirk. (Delphacidae):					
Airplane.....	Fiji.....		1		Hawaii.
<i>Petrochroa dimorpha</i> Busck (Cosmopterygidae):					
Airplane.....	Unknown.....		1		Hawaii.
<i>Pheidole megacephala</i> (F.) (Formicidae):					
<i>Annona muricata</i> (soursop).....	Cuba.....	1			N. Y.
<i>Anthurium</i> sp.....	Hawaii.....			1	Hawaii.
<i>Caladium</i> sp.....	Haiti.....	1			N. Y.
<i>Cordylone terminalis</i> (ti).....	Hawaii.....			1	Hawaii.
<i>Dioscorea</i> sp. (yam).....	Anguilla.....	1			St. Thomas and St. John.
<i>Hibiscus</i> sp.....	Bermuda.....	2			Mass.
Orchid.....	Belgian Congo.....			1	N. J.
Soil around iris plant.....	China.....	1			Hawaii.
Wood around orchid plant.....	New Guinea.....			1	Hawaii.
<i>Zinnia</i> sp.....	Bermuda.....	1			N. Y.
<i>Phelypera distigma</i> Boh. (Curculionidae):					
Bromeliad and orchid plants.....	Mexico.....			1	Ariz.
Orchid.....	Canal Zone.....			1	Fla.
<i>Phenacaspis sandwicensis</i> Fullaway (Coccidae):					
<i>Alyxia olivaeformis</i> (maile).....	Hawaii.....	1			Hawaii.
<i>Cordylone terminalis</i> (ti).....	do.....	1			Hawaii.
<i>Mangifera indica</i> (mango).....	do.....			1	Calif.*
<i>Strelitzia reginae</i> (bird-of-paradise-flower).....	do.....	1			Hawaii.
<i>Strelitzia</i> sp.....	do.....			1	Calif.*
<i>Philaspis bivulnerata</i> (Boh.) (Chrysomelidae):					
<i>Selaginella</i> sp.....	Mexico.....			1	Tex.
<i>Phlegyas annulicrus</i> Stal (Lygaeidae):					
Flowers.....	do.....	1			Ariz.
<i>Phytinus callosus</i> Boh. (Curculionidae):					
<i>Vitis</i> sp. (grape).....	Union of South Africa.....	2			N. Y.
<i>Physonota attenuata</i> Boh. (Chrysomelidae):					
Airplane.....	Mexico.....		1		Tex.
<i>Physonota citrinella</i> Boh. (Chrysomelidae):					
Orchid.....	do.....			1	Tex.
<i>Physonota picticollis</i> Boh. (Chrysomelidae):					
Orchid.....	do.....			1	Ariz.
<i>Phytomyza atricornis</i> Mg. (Agromyzidae):					
<i>Chrysanthemum</i> sp.....	England.....			1	N. J.
<i>Frimula</i> sp.....	do.....			1	N. Y.
<i>Phytomyza rufipes</i> Mg. (Agromyzidae):					
<i>Brassica oleracea botrytis</i> (cauliflower).....	Denmark, England, Germany, Netherlands, Norway.	19			Ala., Mass., Pa., Tex.

Pests collected and reported from July 1, 1955, through June 30, 1956—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Phytomyza rufipes</i> —Continued					
<i>Brassica oleracea capitata</i> (cabbage).....	Belgium, England, Germany, Ireland, Italy, Norway.	10			Pa., S. C., Tex.
<i>Brassica rapa</i> (turnip).....	Germany	1			Tex.
<i>Cichorium endivia</i> (endive).....	Belgium	4			La., N. Y., Pa.
<i>Pieris brassicae</i> (L.) (Pieridae):					
Baggage.....	Germany	1			Pa.
<i>Pinnaspis buzi</i> (Bouche) (Coccidae):					
<i>Cordylone terminalis</i> (ti).....	Hawaii	2			Hawaii.
<i>Cyrtostachys</i> sp.....	Panama		1		Fla.
<i>Monstera</i> sp.....	Canal Zone		1		Calif.*
<i>Strelitzia reginae</i> (bird-of-paradise-flower).....	Hawaii	1			Hawaii.
<i>Pinnaspis uniloba</i> (Kuw.) (Coccidae):					
<i>Camellia</i> sp.....	Japan		1		Calif.*
<i>Plagiodera congesta</i> Stal (Chrysomelidae):					
Orchid.....	Mexico		1		Tex.
<i>Plagiodera semivittata</i> Stal (Chrysomelidae):					
Orchid.....	do		3		Tex.
<i>Plagiodera thymaloides</i> Stal (Chrysomelidae):					
Bromeliad.....	do		1		Tex.
Orchid.....	do		1		Tex.
<i>Plagiometritona diversicollis</i> (Schaeff.) (Chrysomelidae):					
<i>Lycopersicon esculentum</i> (tomato).....	do	1			Tex.
<i>Platynota nigrocervina</i> (Wism.) (Tortricidae):					
Weed.....	do	1			Tex.
<i>Platynota rostrana</i> (Wlk.) (Tortricidae):					
<i>Cajanus cajan</i> (pigeonpea).....	Puerto Rico	1			Pa.
<i>Capsicum frutescens grossum</i> (bell pepper).....	Mexico	2			Tex.
<i>Lycopersicon esculentum</i> (tomato).....	do	7			Tex.
<i>Platypus rugulosus</i> Chap. (Platypodidae):					
<i>Copaifera hemitomophylla</i>	Colombia	1			Ga.
<i>Platythrips tunicatus</i> (Hal.) (Thripidae):					
<i>Calluna vulgaris</i> (heather).....	Scotland	1			Ill.
<i>Plautia fimbriata</i> (F.) (Pentatomidae):					
<i>Chrysanthemum</i> sp.....	Australia	1			Hawaii.
<i>Plusia chalcites</i> (Esp.) (?) (Phalaenidae):					
<i>Cordylone terminalis</i> (ti).....	Hawaii	1			Hawaii.
<i>Vanda</i> sp. (orchid).....	do	4			Hawaii.
<i>Polychrosis botrana</i> (Schiff.) (?) (Olethreutidae):					
<i>Vitis</i> sp. (grape).....	France	1			Pa.
<i>Polytus mellerborgii</i> (Boh.) (Curculionidae):					
<i>Musa paradisica sapientum</i> (banana).....	Honduras		1		N. J.
<i>Porthetria dispar</i> (L.) (Lymantriidae):					
<i>Quercus</i> sp. (oak).....	Italy	3			Va.
<i>Praeblissus albofasciatus</i> Barber (Lygaeidae):					
Orchid.....	Mexico		1		Tex.
<i>Prodenia eridania</i> (Cram.) (Phalaenidae):					
<i>Allium cepa</i> (onion).....	Bermuda	1			N. Y.
<i>Lycopersicon esculentum</i> (tomato).....	Mexico	1			Tex.
<i>Prodenia ornithogalli</i> Guen. (Phalaenidae):					
Cactus.....	do		1		Ariz.
<i>Protopulvinaria pyrifomis</i> (Ckll.) (Coccidae):					
<i>Bauhinia</i> sp.....	Bahamas	2			Fla.*
Flowers—unidentified.....	do	1			Fla.*
<i>Gardenia augusta</i> (gardenia).....	Colombia, Cuba	2			Fla.
<i>Izora</i> sp.....	Trinidad		2		Fla.
<i>Pseudaonidia trilobitiformis</i> (Green) (Coccidae):					
<i>Rosa</i> sp. (rose).....	St. Martin		1		St. Thomas and St. John.
<i>Saraca</i> sp.....	Trinidad		1		Fla.
<i>Theobroma cacao</i> (cacao).....	Netherlands Guiana		1		N. J.
<i>Pseudischiaspis alienus</i> (Newst.) (Coccidae):					
<i>Cattleya</i> sp. (orchid).....	British Honduras, Costa Rica.		2		Hawaii, Tex.
<i>Laelia</i> sp. (orchid).....	Mexico		1		Tex.
<i>Pseudischiaspis longissima</i> (Ckll.) (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime).....	do		1		Calif.*
<i>Pseudococcus boninensis</i> (Kuw.) (Coccidae):					
<i>Cortaderia</i> sp. (pampas grass).....	Bermuda	1			Mass.
<i>Pseudococcus comstocki</i> (Kuw.) (Coccidae):					
<i>Prunus persica</i> (peach).....	Japan		1		Hawaii.

Pests collected and reported from July 1, 1955, through June 30, 1956—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Pseudococcus gahani</i> Green (Coccidae):					
<i>Citrus limon</i> (lemon).....	Chile.....	1			N. Y.
<i>Prunus domestica</i> (plum).....	do.....	1			N. Y.
<i>Pseudococcus halli</i> (Ezzai & McConnell) (Coccidae) (tentative):					
<i>Lansium domesticum</i> (lansone).....	Philippines.....	1			Wash.
<i>Pseudococcus matsumotoi</i> Shiraiwa (Coccidae):					
<i>Prunus</i> sp.....	Japan.....			1	N. J.
<i>Pseudococcus palmarum</i> (Ehrh.) (Coccidae):					
<i>Cocos nucifera</i> (coconut).....	Hawaii.....	1			Calif.*
<i>Pseudococcus saipanensis</i> Shiraiwa (Coccidae):					
<i>Cocos nucifera</i> (coconut).....	Philippines.....		1		Pa.
<i>Pseudodiaspis yuccae</i> (Ckll.) (Coccidae):					
<i>Pachycereus marginatus</i> (organpipe cactus).....	Mexico.....			1	Ariz.
<i>Psylla rhododendri</i> Puton (Psyllidae):					
Flowers—unidentified.....	Switzerland.....			1	Mass.
<i>Rhododendron ferrugineum</i>	do.....	1		1	Oreg.
<i>Psylliodes chrysocephala</i> L. (Chrysomelidae):					
<i>Brassica rapa</i> (turnip).....	Italy.....		1		Pa.
<i>Pulvinaria aurantii</i> Ckll. (Coccidae):					
<i>Citrus</i> sp.....	Japan.....			1	D. C.
<i>Pulvinaria psidii</i> Mask. (Coccidae):					
<i>Alpinia</i> sp.....	Hawaii.....	1			Hawaii.
<i>Gardenia augusta</i> (gardenia).....	do.....	2			Hawaii.
<i>Izora</i> sp.....	Bahamas.....	1			Fla.*
<i>Puto ulter</i> Ferris (Coccidae):					
<i>Laelia superbiens</i> (orchid).....	Guatemala.....			1	Tex.
Orchid.....	do.....			1	Tex.
<i>Pyrausta nubilalis</i> (Hbn.) (Pyraustidae):					
<i>Capsicum frutescens</i> (pepper).....	France.....		1		Md.
<i>Chrysanthemum</i> sp.....	Japan.....		1		Hawaii.
<i>Sorghum vulgare technicum</i> (broomcorn).....	Italy.....		5		La., Tex.
<i>Pyroderces stigmatophora</i> (Wlsh.) (Cosmopterygidae):					
<i>Ananas comosus</i> (pineapple).....	Mexico.....	1			Tex.
<i>Rejctaria pharusalis</i> (Wlk.) (Phalaenidae):					
Orchid.....	do.....			1	Tex.
<i>Reticulitermes virginicus</i> (Banks) (Rhinotermitidae):					
Clothing.....	Cuba.....	1			Fla.*
<i>Rhagoletis cerasi</i> (L.) (Tephritidae):					
<i>Prunus</i> sp. (cherry).....	Azores, France, Israel, Italy, Portugal, Switzerland, unknown.	6	30		Mass., Mich., N. Y., Pa.
<i>Rhagoletis cerasi</i> (L.) (?) (Tephritidae):					
<i>Prunus</i> sp. (cherry).....	Germany.....	1			Pa.
<i>Rhagoletis completa</i> Cress. (Tephritidae):					
<i>Juglans nigra</i> (black walnut).....	Mexico.....	1			Tex.
<i>Rhagoletis pomonella</i> (Walsh) (Tephritidae):					
<i>Malus sylvestris</i> (apple).....	do.....	5			Tex.
<i>Ribua innozia</i> Hein. (Phycitidae):					
<i>Ananas comosus</i> (pineapple).....	Cuba.....	8	2		La., N. Y., Tex.
<i>Schoenobius incertulus</i> (Wlk.) (Schoenobiidae):					
Airplane.....	Japan.....		1		Hawaii.
<i>Scotinophara lurida</i> (Burm.) (Pentatomidae):					
Orchid.....	Formosa.....			1	Wash.
<i>Scyphophorus acupunctatus</i> Gyll. (Curculionidae):					
<i>Agave americana</i> (maguey).....	Mexico.....	1			Tex.
<i>Selenothrips rubrocinctus</i> (Giard) (Thripidae):					
<i>Rosa</i> sp.....	St. Kitts, Venezuela.....	2			P. R.
<i>Sesamia cretica</i> Led. (Phalaenidae):					
<i>Sorghum vulgare technicum</i> (broomcorn).....	Italy.....		6		La., Tex.
<i>Sidemia deparvata</i> (Btlr.) (?) (Phalaenidae):					
Airplane.....	Japan.....		1		Hawaii.
<i>Sinoxylon conigerum</i> Gerst. (Bostrichidae):					
Wooden chair.....	Dominican Republic.....	1			P. R.
<i>Sinoxylon sezidentatum</i> (Oliv.) (Bostrichidae):					
<i>Quercus</i> sp. (oak).....	Italy.....	1			Va.
<i>Sitona lineata</i> L. (Curculionidae):					
<i>Brassica oleracea capitata</i> (cabbage).....	England.....		1		Tex.
<i>Dahlia</i> sp.....	Netherlands.....	1			N. Y.
Flower seeds.....	Germany.....	1			N. Y.

Pests collected and reported from July 1, 1955, through June 30, 1956—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Silona lineata</i> —Continued					
Paper wrapping around <i>Cynerium</i> spp.	Spain	1			N. Y.
<i>Syringa</i> sp. (ilic)	Netherlands	1			N. Y.
<i>Sparticus villosus</i> (F.) (Bruchidae):					
<i>Laburnum anagyroides</i>	Italy			1	N. J.
<i>Spartium junceum</i>	do			1	Calif.*
<i>Spermophagus cardui</i> (Boh.) (Bruchidae):					
<i>Convolvulus sericeus</i>	Egypt			1	D. C.
<i>Spodoptera mauritia</i> (Bdv.) (Phalaenidae):					
Airplane	Hawaii		1		Hawaii.
<i>Stator limbatus</i> (Horn) (Bruchidae):					
<i>Samanea saman</i>	do	1			Hawaii.
<i>Stator pruininus</i> (Horn) (Bruchidae):					
<i>Leucaena glauca</i>	do	1			Hawaii.
<i>Stenoma catenifer</i> Wlsm. (Stenomidae):					
<i>Persea americana</i> (avocado)	Colombia, Ecuador, Guatemala, Mexico, Panama, Salvador, Venezuela.	35	4	1	Ala., Calif.*, D. C., La., Md., N. Y., P. R., Tex.
<i>Stenotarsonemus laticeps</i> (Halbert) (Tarsonemidae):					
<i>Narcissus</i> sp.	Belgium, Northern Ireland			2	N. J.
<i>Stephanoderes hampei</i> Ferr. (Scolytidae):					
<i>Coffea</i> sp. (coffee)	Brazil, Ceylon	1		2	Calif.*; La., D. C.
<i>Sternonchetus mangiferae</i> (F.) (Cureulionidae):					
<i>Mangifera indica</i> (mango)	Hawaii, Kenya	23		2	Calif.*; Hawaii, N. J.
<i>Stictoptera signifera</i> (Wlk.) (Phalaenidae):					
Airplane	Japan		1		Hawaii.
<i>Stilodes atomaculata</i> Stal (Chrysomelidae):					
Orchid	Mexico			1	Tex.
<i>Sybra alternans</i> (Wied.) (Cerambycidae):					
Airplane	Hawaii, unknown		2		Hawaii.
<i>Bauhinia monandra</i>	Hawaii	1			Hawaii.
<i>Canavalia</i> sp.	do	2			Hawaii.
<i>Cordylone terminalis</i> (ti)	do	1		1	Hawaii.
<i>Operculina tuberosa</i> (wood-rose)	do	2			Hawaii.
<i>Sterculia urens</i>	do	1			Hawaii.
<i>Systole geniculata</i> (Foerster) (Eurytomidae):					
<i>Foeniculum vulgare</i> (fennel)	Yugoslavia			1	N. Y.
<i>Taeniothrips alliorum</i> Pr. (Thripidae):					
<i>Allium cepa</i> (onion)	Hawaii	1			Hawaii.
<i>Taeniothrips atratus</i> (Hal.) (Thripidae):					
<i>Calluna vulgaris</i> (heather)	Germany, Iceland, Scotland	4		1	Ill., Mass., N. Y.
<i>Centaurea cyanus</i> (cornflower)	Denmark	1			N. Y.
<i>Chrysanthemum</i> sp.	France	1			Ill.
<i>Dahlia</i> sp.	Netherlands	1			N. Y.
<i>Dianthus</i> sp. (carnation)	England, Germany, Netherlands, unknown	2	3		Mass., N. Y., Pa.
Flowers—assorted	England, Germany	1	1		Mass., N. Y.
<i>Iris</i> sp.	England			1	N. J.
<i>Lathyrus odoratus</i> (sweetpea)	Sweden	1			Ill.
<i>Rosa</i> sp. (rose)	Germany, unknown	1	1		Ill., N. Y.
<i>Trifolium</i> sp.	England	1			Ill.
<i>Zinnia</i> sp.	Scotland	1			N. Y.
<i>Taeniothrips dianthi</i> Pr. (Thripidae):					
<i>Dianthus</i> sp. (carnation)	Portugal	1			N. Y.
Flowers	Unknown		1		P. R.
<i>Taeniothrips ericae</i> (Hal.) (Thripidae):					
<i>Calluna vulgaris</i> (heather)	England, Germany, Scotland, Switzerland, unknown	19	1	4	Ill., Mass., N. Y., Pa.
<i>Erica</i> sp.	England			1	N. J.
<i>Gladiolus</i> sp.	Mexico	1			N. Y.
<i>Taeniothrips gracilis</i> Mlt. (Thripidae):					
<i>Nymphaea odorata</i> (waterlily)	Bermuda	1			Mass.
<i>Taeniothrips hawaiiensis</i> (Morg.) (Thripidae):					
<i>Alpinia</i> sp.	Hawaii	1			Hawaii.
<i>Chrysanthemum</i> sp.	Japan		1		Hawaii.
<i>Dianthus</i> sp. (carnation)	Hawaii	1			Hawaii.
<i>Gardenia augusta</i> (gardenia)	do	17		2	Hawaii.

Pests collected and reported from July 1, 1955, through June 30, 1956—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Taeniothrips hawaiiensis</i> —Continued					
<i>Philadelphus</i> sp. (mock orange).....	do	1			Hawaii.
<i>Plumeria</i> sp.....	do	2			Hawaii.
<i>Rosa</i> sp. (rose).....	Japan		1		Hawaii.
<i>Sesuvium portulacastrum</i> ("akulikuli").....	Hawaii	1			Hawaii.
<i>Zingiber officinale</i> (ginger).....	do	1			Hawaii.
<i>Taeniothrips pictipes</i> (Zett.) (Thripidae):					
<i>Gentiana</i> sp. (bluebell).....	Switzerland	2			N. Y.
<i>Primula</i> sp.....	England		1	1	Mass., N. J.
<i>Taeniothrips vitticornis</i> (Ky.) (Thripidae):					
<i>Canavalia</i> sp.....	Hawaii	1			Hawaii.
<i>Taeniothrips vulgarissimus</i> (Hal.) (Thripidae):					
<i>Dahlia</i> sp.....	Netherlands	1			N. Y.
<i>Lathyrus odoratus</i> (sweetpea).....	Sweden	1			Ill.
<i>Zinnia</i> sp.....	Scotland	1			N. Y.
<i>Talponia batesi</i> Hein. (Olethreutidae):					
<i>Annona cherimola</i> (cherimoya).....	Guatemala, Mexico	5			Tex.
<i>Tapinaspis wesmaeli</i> (Boh.) (Chrysomelidae):					
<i>Chamaedorea oblongata</i>	Mexico	1			Tex.
" <i>Targionia</i> " <i>bromilae</i> (Leon) (Coccidae):					
<i>Ananas comosus</i> (pineapple).....	Azores, Mexico	3			Mass., Tex.
" <i>Targionia</i> " <i>hartii</i> (Ckll.) (Coccidae):					
<i>Dioscorea</i> sp. (yam).....	Anguilla, British Honduras, British West Indies, Nevis, St. Kitts, Tortola.	6	1		N. Y., St. Thomas and St. John, Tex.
" <i>Targionia</i> " <i>sacchari</i> (Ckll.) (Coccidae):					
<i>Paspalum</i> sp.....	Puerto Rico			1	D. C.
<i>Saccharum officinarum</i> (sugarcane).....	Antigua, Puerto Rico	1	1		Fla.*, St. Thomas and St. John.
<i>Tarophagus proserpina</i> (Kirk.) (Delphacidae):					
<i>Colocasia antiquorum</i> (taro).....	Hawaii	1			Hawaii.
<i>Tenthecoris angustimarginatus</i> Hsiao & Sailer (Miridae):					
Orchid.....	Mexico			7	Tex.
<i>Tenthecoris bicolor</i> Scott (Miridae):					
Orchid.....	Guatemala, Mexico			13	Tex.
<i>Tenthecoris confusus</i> Hsiao & Sailer (Miridae):					
Orchid.....	Costa Rica, Mexico			10	Calif.*, Fla., Tex.
<i>Tenthecoris distinguendus</i> Hsiao & Sailer (Miridae):					
Orchid.....	Canal Zone			2	Fla.
<i>Tenuipalpus pacificus</i> Baker (Tenuipalpidae):					
<i>Phalaenopsis</i> sp.....	Indonesia			1	Hawaii.*
<i>Tenuirostritermes cinereus</i> (Buckley) (Termitidae):					
Orchid.....	Mexico			4	Tex.
<i>Tillandsia</i> sp.....	do			1	Tex.
<i>Tetranychus atlanticus</i> McG. (Tetranychidae):					
<i>Hibiscus</i> sp.....	do			2	Ariz.
<i>Tetranychus cinnabarinus</i> (Boisd.) (Tetranychidae):					
<i>Celosia</i> sp. (cock's comb).....	Lebanon	1			Mass.
<i>Dianthus</i> sp. (carnation).....	Japan	1			Hawaii.
<i>Pisum sativum</i> (pea).....	Mexico	1			Calif.
<i>Tetranychus desertorum</i> Banks (Tetranychidae):					
<i>Gossypium</i> sp. (cotton).....	do	1			Tex.
<i>Tetranychus telarius</i> (L.) (Tetranychidae):					
<i>Chrysanthemum</i> sp.....	England (?)		1		Mass.
<i>Dianthus</i> sp. (carnation).....	Argentina, Germany, Japan	1	1	1	Calif.*, Ha- waii, Pa.
<i>Fragaria</i> sp. (strawberry).....	France	1			N. Y.
<i>Malus sylvestris</i> (apple).....	Chile	1			N. Y.
<i>Rosa</i> sp. (rose).....	Greece, unknown	1	1		Mass.
<i>Theba pisana</i> (Muller) (Mollusca):					
<i>Capsicum frutescens</i> (pepper).....	Portugal		1		Mass.
<i>Cucumis melo</i> (melon).....	Spain		1		Pa.
<i>Lactuca sativa</i> (lettuce).....	Gibraltar		1		Pa.
Military cargo.....	Morocco	2			S. C.
<i>Thecla ziba</i> Hew. (Lycenidae):					
<i>Ananas comosus</i> (pineapple).....	Mexico	1			Tex.
<i>Bromelia sylvestris</i>	do	1			Tex.
<i>Thrips angusticeps</i> Uzel (Thripidae):					
<i>Lactuca sativa</i> (lettuce).....	Italy, Morocco		3		N. Y., Pa.
Flowers and plants—assorted.....	Italy			1	N. Y.

Pests collected and reported from July 1, 1955, through June 30, 1956—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Thrips flavus</i> Schrank (Thripidae):					
<i>Calluna vulgaris</i> (heather)	Germany, Iceland, Scotland, Switzerland.	4	1		Mass., N. Y.
<i>Chrysanthemum</i> sp.	England	1			N. Y.
Daisy	British West Indies		1		N. Y.
Flowers—assorted	England		1		Mass.
<i>Potentilla</i> sp.	Germany			1	N. J.
<i>Rosa</i> sp. (rose)	Germany, Italy	2			N. Y., Va.
<i>Thrips fuscipennis</i> Hal. (Thripidae):					
<i>Calluna vulgaris</i> (heather)	Germany, Scotland	1	1		Mass., N. Y.
<i>Centaurea cyanus</i> (cornflower)	Denmark	1			N. Y.
Daisy	Germany	1			N. Y.
<i>Dianthus</i> sp. (carnation)	do.	2			Mass., N. Y.
Flowers—assorted	do.	1			N. Y.
<i>Ilex</i> sp.	Ireland	1			N. Y.
<i>Lavandula</i> sp. (lavender)	England	1			N. Y.
<i>Potentilla fruticosa</i>	Netherlands		1		N. J.
<i>Rosa</i> sp. (rose)	England	1			Mass.
<i>Zinnia</i> sp.	Germany	1			N. Y.
<i>Thrips major</i> Uzel (Thripidae):					
<i>Calluna vulgaris</i> (heather)	Germany, Scotland	2	1		Ill., Mass., N. Y.
Daisy	Germany	1			N. Y.
<i>Dianthus</i> sp. (carnation)	do.	1			N. Y.
Flowers—assorted	England		1		Mass.
<i>Potentilla</i> sp.	Germany			1	N. J.
<i>Rosa</i> sp. (rose)	England	2			Ill., N. Y.
<i>Thrips nigropilosus</i> Uzel (Thripidae):					
<i>Lactuca sativa</i> (lettuce)	Egypt		1		Pa.
<i>Rosa</i> sp. (rose)	England	1			N. Y.
<i>Toxotrypana curvicauda</i> Gerst. (Tephritidae):					
<i>Carica papaya</i> (papaya)	Costa Rica		1		Calif.*
<i>Trialeurodes lauri</i> (Sign.) (Aleyrodidae):					
<i>Laurus nobilis</i> (Grecian laurel)	Italy			1	N. Y.
<i>Trialeurodes vaporariorum</i> (Westw.) (Aleyrodidae):					
<i>Spathicarpa sagittifolia</i>	Canada			1	N. J.
<i>Tricentrus albomaculatus</i> Dist. (Membraecidae):					
<i>Vanda</i> sp. (orchid)	Hawaii	1			Hawaii.
<i>Trionymus sacchari</i> (Ckll.) (Coccidae):					
<i>Saccharum officinarum</i> (sugarcane)	Mexico	1			Ariz.
<i>Trogoderma baron</i> Beal (Dermestidae):					
Grain—mixed	do.	5	2		Ariz., Calif., Tex.
<i>Hordeum vulgare</i> (barley)	do.	1			Tex.
<i>Triticum aestivum</i> (wheat)	Mexico (?)		1		Calif.
<i>Zea mays</i> (corn)	do.		1		Calif.
<i>Trogoderma granarium</i> Everts (Dermestidae):					
<i>Arachis hypogaea</i> (peanut)	Formosa		1		Pa.
Burlap bagging	India	1			N. Y.
Grain—assorted	Australia		1		S. C.
<i>Oryza sativa</i> (rice)	China, India, Formosa	1	13		Ala., Hawaii, La., Md., N. Y., Pa., Tex.
<i>Pisum sativum</i> (pea)	India		1		Ala.
<i>Trogoderma ornatum</i> (Say) (Dermestidae):					
<i>Capsicum frutescens</i> (pepper)	Mexico	1			Ariz.
Wrapping	Hawaii	1			Hawaii.
<i>Trogoderma sternale</i> Jayne ssp. (Dermestidae):					
<i>Gossypium</i> sp. (cotton; lint)	Mexico		1		Calif.
"Mandado" bin	Mexico (?)	1			Tex.
<i>Trogoxylon aequale</i> (Woll.) (Lyctidae):					
<i>Swietenia mahagoni</i> (mahogany)	Haiti	1			Fla.
<i>Typocerus zebrata</i> (Oliv.) (Cerambycidae):					
Airplane	Japan		1		Hawaii.
<i>Tyrophagus infestans</i> (Berl.) (Acariidae):					
<i>Apium graveolens</i> (celery)	Egypt		1		Mass.
<i>Brassica oleracea capitata</i> (cabbage)	Denmark	1			Mass.
<i>Höheria populnea</i> (ribbon wood)	Ireland	1			Mass.
<i>Persca americana</i> (avocado)	Dominican Republic		1		Pa.
<i>Phaseolus vulgaris</i> var. (string bean)	Peru		1		N. Y.

Pests collected and reported from July 1, 1955, through June 30, 1956—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Tyrophagus infestans</i> —Continued				2	
Soil with plants and bulbs.....	Germany, Italy.....				Mass.
Soil with leek.....	Straits Settlements.....		1		Mass.
<i>Solanum tuberosum</i> (potato).....	Canada.....		1		Tex.
<i>Udea rubigalis</i> (Guen.) (Pyraustidae):					
Cuttings—unidentified.....	Mexico.....			1	Tex.
<i>Unaspis citri</i> (Comst.) (Coccidae):					
<i>Citrus hystrix</i>	Australia.....		1		Hawaii.
<i>Citrus paradisi</i> (grapefruit).....	Colombia.....	1			Fla.*
<i>Citrus reticulata</i> (Mandarin orange).....	Japan.....		1		Calif.*
<i>Citrus sinensis</i> (orange).....	Cuba, Dominican Republic.....		2		Fla.*
<i>Unaspis yanonensis</i> (Kuw.) (Coccidae):					
<i>Citrus aurantium</i> (sour orange).....	Japan.....		4		Calif.*
<i>Citrus grandis</i> (pummelo).....	China.....		1		Hawaii.
<i>Citrus limon</i> (lemon).....	Japan.....		3		Calif.*
<i>Citrus paradisi</i> (pomelo).....	do.....		1		Hawaii.
<i>Citrus reticulata</i> (Mandarin orange).....	China, Japan, Philippines.....	6	30		Calif.*, Hawaii, Pa.
<i>Citrus sinensis</i> (orange).....	Japan, Philippines.....	1	22		Calif.*, Hawaii.
<i>Citrus</i> sp.....	Japan.....		3		Hawaii.
<i>Poncirus trifoliata</i> (trifoliolate-orange).....	do.....		1		D. C.
<i>Valtissius diversus</i> (Dist.) (Lygaeidae):					
<i>Brassia</i> sp. (orchid).....	British Honduras.....			1	Tex.
<i>Vinsonia stelleri</i> (Westw.) (Coccidae):					
<i>Aspasia epidendroides</i> (orchid).....	Canal Zone.....			2	Calif.*
<i>Brassia caudata</i> (orchid).....	do.....			1	Fla.
<i>Brassia gireoudiana</i>	do.....			1	Calif.*
<i>Brassia</i> sp.....	do.....			4	Fla.
<i>Broughtonia</i> sp. (orchid).....	Cuba (?), Jamaica.....			8	Fla.
<i>Cattleya trianae</i> (orchid).....	Canal Zone.....			1	Calif.*
<i>Cypripedium exul</i> (orchid).....	Straits Settlements.....			1	Hawaii.
<i>Epidendrum ciliare</i> (orchid).....	Canal Zone.....			2	Fla.
<i>Epidendrum prismatocarpum</i>	do.....			1	Fla.
<i>Epidendrum stamfordianum</i>	do.....			1	Fla.
<i>Epidendrum</i> sp.....	Canal Zone, Cuba, Trinidad.....			4	Fla., Hawaii, N. J.
<i>Heliconia</i> sp.....	Cuba.....	1			Fla.*
Leaf—unidentified.....	Barbados.....	1			Ill.
<i>Oncidium confusum</i> (orchid).....	Canal Zone.....			1	Fla.
<i>Oncidium</i> sp.....	Canal Zone, Jamaica.....			3	Fla.
Orchid.....	Bahamas, Canal Zone, Costa Rica, Cuba, Curacao, Dominican Republic, Guatemala, Haiti, Jamaica, Panama, St. Lucia, Trinidad.....			24	Calif.*, Fla., P. R.
<i>Phayus</i> sp (orchid).....	Cuba.....			1	Fla.
<i>Stanhopea grandiflora</i> (orchid).....	Trinidad.....			1	Hawaii.*
<i>Stanhopea wardii</i>	Canal Zone.....			1	Fla.
<i>Xylobium</i> sp. (orchid).....	do.....			1	Tex.
<i>Xyleborus semigranosus</i> Bldfd. (Scolytidae):					
<i>Cordylone terminalis</i> (ti).....	Hawaii.....			1	Hawaii.
<i>Xylobius sextuberculatus</i> (LeC.) (Bostriichidae):					
<i>Mangifera indica</i> (mango).....	Mexico.....	2			Ariz., Calif.
<i>Zonitoides arboreus</i> (Say) (Mollusca):					
<i>Cordylone terminalis</i> (ti).....	Hawaii.....	1			Hawaii.
Fern.....	do.....			1	Hawaii.
<i>Juniperus</i> sp.....	Japan.....			1	Calif.*
Orchid.....	Mexico.....			1	Fla.

- ABIES:**
Megastigmus pinuspinus (Hymenoptera)
Megastigmus rafni (Hymenoptera)
- ACACIA:**
"Acanthoscelides" spinipes (Coleoptera)
Mimosestes sallaei (Coleoptera)
- ACER:**
Periphylus californiensis (Homoptera)
- ACHRAS:**
Anastrepha fraterculus (Diptera)
Anastrepha serpentina (Diptera)
- ADESMIA:**
Frankliniella cestrum (Thysanoptera)
- AGARICUS:**
Nemapogon granella (Lepidoptera)
- AGAVE:**
Euschistus comptus (Hemiptera)
Scyphophorus acupunctatus (Coleoptera)
- ALLIUM CEPA:**
Prodenia eridania (Lepidoptera)
Taeniothrips allium (Thysanoptera)
- ALLIUM PORRUM:**
Acrolepis assectella (Lepidoptera)
- ALLIUM SATIVUM:**
Brachycerus albidentatus (Coleoptera)
Brachycerus algirus (Coleoptera)
Dyspessa ulula (Lepidoptera)
Frankliniella tenuicornis (Thysanoptera)
- ALOPECURUS:**
Macroplox fasciata (Hemiptera)
- ALPINIA:**
Amorbia emigratella (Lepidoptera)
Ceroplastes rubens (Homoptera)
Pentalonia nigronervosa (Homoptera)
Pulvinaria psidii (Homoptera)
Taeniothrips hawaiiensis (Thysanoptera)
- ALYXIA:**
Ceroplastes rubens (Homoptera)
Phenacaspis sandwicensis (Homoptera)
- ANANAS:**
Agrocineta propinqua (Coleoptera)
Alpheias conspirata (Lepidoptera)
Bradybaena similis (Mollusca)
Chalcodermus dentiferus (Coleoptera)
Ereunetes flavistriata (Lepidoptera)
Eutheola bidentata (Coleoptera)
Exptochiamera oblonga (Hemiptera)
Heterobostrychus aequalis (Coleoptera)
Pyroderces stigmatophora (Lepidoptera)
Ribua innoxia (Lepidoptera)
"Targonia" bromiliae (Homoptera)
Thecla ziba (Lepidoptera)
- ANNONA:**
Anastrepha serpentina (Diptera)
Aspidiotus destructor (Homoptera)
Bephrata maculicollis (Hymenoptera)
Cerconota anonella (Lepidoptera)
Pheidole megacephala (Hymenoptera)
Talponia batesi (Lepidoptera)
- ANTHURIUM:**
Bradybaena similis (Mollusca)
Ceroplastes rubens (Homoptera)
Chlorophorus annularis (Coleoptera)
Hyaloepelus pellucidus (Hemiptera)
Iridomyrmex humilis (Hymenoptera)
Metamasius sericeus (Coleoptera)
Pheidole megacephala (Hymenoptera)
- APIUM:**
Limax flavus (Mollusca)
Tyrophagus infestans (Acarina)
- ARACHIS:**
Caryedon fuscus (Coleoptera)
Trogoderma granarium (Coleoptera)
- ARCTOTIS:**
Microcephalothrips abdominalis (Thysanoptera)
- AROID:**
Chrysomphalus umboniferus (Homoptera)
- ASPARAGUS:**
Crioceris asparagi (Coleoptera)
- ASPASIA:**
Vinsonia stellifera (Homoptera)
- ASTER:**
Frankliniella intonsa (Thysanoptera)
- ASTRAGALUS:**
Bruchidius picipes (Coleoptera)
- AVERRHOA:**
Ceratitis capitata (Diptera)
- BAUHINIA:**
Protopulvinaria pyriformis (Homoptera)
Sybra alternans (Coleoptera)
- BETA:**
Gnorimoschema ocellatella (Lepidoptera)
Hypera postica (Coleoptera)
- BRASSAVOLA:**
Diorymerellus laevimargo (Coleoptera)
Furcaspis biformis (Homoptera)
- BRASSIA:**
Diorymerellus laevimargo (Coleoptera)
Valtissius diversus (Hemiptera)
Vinsonia stellifera (Homoptera)
- BRASSICA CHINENSIS:**
Listroderes costirostris obliquus (Coleoptera)
- BRASSICA OLERACEA BOTRYTIS:**
Evergestia forficatis (Lepidoptera)
Phytomyza rufipes (Diptera)
- BRASSICA OLERACEA CAPITATA:**
Deroceras reticulatum (Mollusca)
Evergestia forficatis (Lepidoptera)
Frankliniella tenuicornis (Thysanoptera)
Limax marginatus (Mollusca)
Mamestra brassicae (Lepidoptera)
Phytomyza rufipes (Diptera)
Sitona lineata (Coleoptera)
Tyrophagus infestans (Acarina)
- BRASSICA RAPA:**
Metamasius sericeus (Coleoptera)
Phytomyza rufipes (Diptera)
Psylliodes chrysocephala (Coleoptera)
- BROMELIA:**
Thecla ziba (Lepidoptera)
- BROMELIACEAE:**
Deroceras reticulatum (Mollusca)
Helix aspersa (Mollusca)
Limax marginatus (Mollusca)
Limothrips cerealium (Thysanoptera)
Plagioderma thymaloides (Coleoptera)
- BROUGHTONIA:**
Vinsonia stellifera (Homoptera)
- BRYOPHYLLUM:**
Coccus viridis (Homoptera)
- BUDDLEIA:**
Frankliniella formosae (Thysanoptera)
- BUXUS:**
Eriophyes canestrinii (Acarina)
- CACTUS:**
Alysiodes geronimo (Lepidoptera)
Lygaeus pusio (Hemiptera)
Nysius raphanus (Hemiptera)
Oxygryllus ruginasus (Coleoptera)
Paromius longulus (Hemiptera)
Prodenia ornithogalli (Lepidoptera)
- CAJANUS:**
Ancylostoma stercorea (Lepidoptera)
Callosobruchus maculatus (Coleoptera)
Fundella pellucens (Lepidoptera)
Monomorium destructor (Hymenoptera)
Nezara viridula (Hemiptera)
Platynota rostrana (Lepidoptera)
- CALADIUM:**
Pheidole megacephala (Hymenoptera)
- CALAMUS (?):**
Micrapate mexicana (Coleoptera)
- CALLUNA:**
Frankliniella intonsa (Thysanoptera)
Limothrips cerealium (Thysanoptera)
Livia junceorum (Homoptera)
Micrelus ericae (Coleoptera)
Platythrips tunicatus (Thysanoptera)
Taeniothrips atratus (Thysanoptera)
Taeniothrips ericae (Thysanoptera)
Thrips flavus (Thysanoptera)
Thrips fuscipennis (Thysanoptera)
Thrips major (Thysanoptera)
- CALOCARPUM:**
Anastrepha serpentina (Diptera)

Hosts and Insects—Continued

CAMELLIA:

- Brevipalpus inornatus* (Acarina)
- Chrysomphalus personatus* (Homoptera)
- Parlatoria camelliae* (Homoptera)
- Pinnaspis uniloba* (Homoptera)

CANAVALLA:

- Lampides boeticus* (Lepidoptera)
- Maruca testulalis* (Lepidoptera)
- Sybra alternans* (Coleoptera)
- Taeniothrips vitticornis* (Thysanoptera)

CAPSICUM:

- Aufeius impressicollis* (Hemiptera)
- Gnorimoschema gudmannella* (Lepidoptera)
- Nysius raphanus* (Hemiptera)
- Paragonatus divergens* (Hemiptera)
- Platynota rostrana* (Lepidoptera)
- Pyrausta nubilalis* (Lepidoptera)
- Theba pisana* (Mollusca)
- Trogoderma ornatum* (Coleoptera)

CARICA:

- Dacus dorsalis* (Diptera)
- Toxotrypana curvicauda* (Diptera)

CASTANEA:

- Curculio elephas* (Coleoptera)
- Curculio nucum* (Coleoptera)
- Laspeyresia splendana* (Lepidoptera)

CATTLEYA:

- Eurytoma orchidearum* (Hymenoptera)
- Furcaspis bififormis* (Homoptera)
- Lygaeus guatemalanus* (Hemiptera)
- Pseudischnaspis alienus* (Homoptera)
- Vinsonia stellifera* (Homoptera)

CELOSIA:

- Tetranychus cinnabarinus* (Acarina)

CENTAUREA:

- Taeniothrips atratus* (Thysanoptera)
- Thrips fuscipennis* (Thysanoptera)

CHAMAEDOREA:

- Calypsocephala gerstaeckeri* (Coleoptera)
- Chaetocnema ectypa* (Coleoptera)
- Charidotis seminulum* (Coleoptera)
- Clerada apicicornis* (Hemiptera)
- Ctenochira aspersa* (Coleoptera)
- Deloyala guttata* (Coleoptera)
- Epicaerus fallax* (Coleoptera)
- Metriona crucipennis* (Coleoptera)
- Tapinaspis wesmaeli* (Coleoptera)

CHRYSANTHEMUM:

- Frankliniella formosae* (Thysanoptera)
- Frankliniella tritici* (Thysanoptera)
- Haplothrips gowdeyi* (Thysanoptera)
- Homoeosoma electellum* (Lepidoptera)
- Limothrips cerealium* (Thysanoptera)
- Microcephalothrips abdominalis* (Thysanoptera)
- Phytomyza atricornis* (Diptera)
- Plautia fimbriata* (Hemiptera)
- Pyrausta nubilalis* (Lepidoptera)
- Taeniothrips atratus* (Thysanoptera)
- Taeniothrips hawaiiensis* (Thysanoptera)
- Tetranychus telarius* (Acarina)
- Thrips flavus* (Thysanoptera)

CHRYSOPHYLLUM:

- Anastrepha serpentina* (Diptera)

CICHORIUM:

- Phytomyza rufipes* (Diptera)

CITRUS AURANTIFOLIA:

- Aleurocanthus woglumi* (Homoptera)
- Anastrepha ludens* (Diptera)
- Ceratitis capitata* (Diptera)
- Leucaspis cockerelli* (Homoptera)
- Parlatoria cinerea* (Homoptera)
- Parlatoria zizyphus* (Homoptera)
- Pseudischnaspis longissima* (Homoptera)

CITRUS AURANTIUM:

- Dialeurodes citri* (Homoptera)
- Unaspis yanonensis* (Homoptera)

CITRUS DEPRESSA:

- Parlatoria zizyphus* (Homoptera)

CITRUS GRANDIS:

- Unaspis yanonensis* (Homoptera)

CITRUS HYSTRIX:

- Unaspis citri* (Homoptera)

CITRUS LIMON:

- Ceratitis capitata* (?) (Diptera)
- Leucaspis cockerelli* (Homoptera)
- Parlatoria cinerea* (Homoptera)
- Parlatoria zizyphus* (Homoptera)
- Pseudococcus gahani* (Homoptera)
- Unaspis yanonensis* (Homoptera)

CITRUS LIMON VAR. PONDEROSA:

- Anastrepha ludens* (Diptera)

CITRUS PARADISI:

- Anastrepha fraterculus* (Diptera)
- Anastrepha ludens* (Diptera)
- Anastrepha mombinpraeoptans* (Diptera)
- Ceratitis capitata* (Diptera)
- Leucaspis cockerelli* (Homoptera)
- Olethreutes leucotreta* (Lepidoptera)
- Parlatoria cinerea* (Homoptera)
- Unaspis citri* (Homoptera)
- Unaspis yanonensis* (Homoptera)

CITRUS RETICULATA:

- Anastrepha ludens* (Diptera)
- Ceratitis capitata* (Diptera)
- Chrysomphalus bifasciculatus* (Homoptera)
- Dialeurodes citri* (Homoptera)
- Parlatoria zizyphus* (Homoptera)
- Unaspis citri* (Homoptera)
- Unaspis yanonensis* (Homoptera)

CITRUS SINENSIS:

- Aleurocanthus woglumi* (Homoptera)
- Anastrepha fraterculus* (Diptera)
- Anastrepha ludens* (Diptera)
- Ceratitis capitata* (Diptera)
- Chrysomphalus personatus* (Homoptera)
- Cryptoblabes gnidiella* (Lepidoptera)
- Leucaspis cockerelli* (Homoptera)
- Myelois ceratoniae* (Lepidoptera)
- Olethreutes leucotreta* (Lepidoptera)
- Parlatoria cinerea* (Homoptera)
- Parlatoria zizyphus* (Homoptera)
- Unaspis citri* (Homoptera)
- Unaspis yanonensis* (Homoptera)

CITRUS SP.

- Aleurocanthus woglumi* (Homoptera)
- Glycyphagus domesticus* (Acarina)
- Parlatoria zizyphus* (Homoptera)
- Pulvinaria aurantii* (Homoptera)
- Unaspis yanonensis* (Homoptera)

CLADOBIUM:

- Eurytoma orchidearum* (Hymenoptera)

COCOS:

- Aonidiella inornata* (Homoptera)
- Aspidiotus destructor* (Homoptera)
- Diocalandra taitensis* (Coleoptera)
- Ereunetis flavistriata* (Lepidoptera)
- Furcaspis oceanica* (Homoptera)
- Kaloterms immigrans* (Isoptera)
- Parlatoria crotonis* (Homoptera)
- Pseudococcus palmarum* (Homoptera)
- Pseudococcus saipanensis* (Homoptera)

CODIAEUM:

- Lepidosaphes tokionis* (Homoptera)
- Parlatoria crotonis* (Homoptera)

COFFEA:

- Ceratitis capitata* (Diptera)
- Coccus viridis* (Homoptera)
- Dacus dorsalis* (Diptera)
- Stephanoderes hampei* (Coleoptera)

COLOCASIA:

- Bradybaena similis* (Mollusca)
- Tarophagus proserpina* (Homoptera)

COLUTEA:

- Bruchophagus coluteae* (Hymenoptera)

CONVOLVULUS:

- Spermophagus cardui* (Coleoptera)

COPAIFERA:

- Adetus mucoreus* (Coleoptera)
- Dysdercus rusticus* (Hemiptera)
- Platypus rugulosus* (Coleoptera)

CORDYLINAE:

- Adoretus sinicus* (Coleoptera)
- Bradybaena similis* (Mollusca)

CORDYLINE—Continued

- Dacus dorsalis* (Diptera)
Deroceras reticulatum (Mollusca)
Parthenothrips dracaenae (Thysanoptera)
Pheidole megacephala (Hymenoptera)
Phenacaspis sandwicensis (Homoptera)
Pinnaspis buxi (Homoptera)
Plusia chalcites (?) (Lepidoptera)
Sybra alternans (Coleoptera)
Xyleborus semigranosus (Coleoptera)
Zonitoides arboreus (Mollusca)

CORTADERIA:

- Haplothrips gowdeyi* (Thysanoptera)
Pseudococcus boninensis (Homoptera)

CRATAEGUS:

- Ceratitis capitata* (Diptera)

CUCUMIS:

- Dacus cucurbitae* (Diptera)
Ezptochiomeria confusa (Hemiptera)
Loxostege similalis (Lepidoptera)
Theba pisana (Mollusca)

CUPRESSUS:

- Barbara tessulata* (Lepidoptera)
Dactylotrypes uytenboogaarti (Coleoptera)
Orsillus depressus (Hemiptera)

CYCAD:

- Cryphula apicatus* (Hemiptera)

CYCLAMEN:

- Frankliniella intonsa* (Thysanoptera)

CYDONIA:

- Anastrepha ludens* (Diptera)

- Ceratitis capitata* (Diptera)

CYMBIDIUM:

- Pseudosaphes tuberculata* (Homoptera)
Orycaenus bicolor (Hemiptera)

CYNARA:

- Anuraphis cardui* (Homoptera)
Gortyna flavago (Lepidoptera)

CYPRIPEDIUM:

- Vinsonia stellifera* (Homoptera)

CYRTOSTACHYS:

- Pinnaspis buxi* (Homoptera)

DAHLIA:

- Frankliniella bispinosa* (Thysanoptera)
Frankliniella formosae (Thysanoptera)
Frankliniella intonsa (Thysanoptera)
Haplothrips gowdeyi (Thysanoptera)
Microcephalothrips abdominalis (Thysanoptera)
Odontotermes wallonensis (Isoptera)
Sitona lineata (Coleoptera)
Taeniothrips atratus (Thysanoptera)
Taeniothrips vulgatissimus (Thysanoptera)

DAISY:

- Haplothrips gowdeyi* (Thysanoptera)
Microcephalothrips abdominalis (Thysanoptera)
Thrips flavus (Thysanoptera)
Thrips fuscipennis (Thysanoptera)
Thrips major (Thysanoptera)

DELONIX:

- Amorbia emigratella* (Lepidoptera)

DELPHINIUM:

- Diaprepes abbreviata* (Coleoptera)

DIANTHUS:

- Frankliniella formosae* (Thysanoptera)
Frankliniella schultzei (Thysanoptera)
Haplothrips cotti (Thysanoptera)
Haplothrips gowdeyi (Thysanoptera)
Microcephalothrips abdominalis (Thysanoptera)
Taeniothrips atratus (Thysanoptera)
Taeniothrips dianthi (Thysanoptera)
Taeniothrips hawaiiensis (Thysanoptera)
Tetranychus cinnabarinus (Acarina)
Tetranychus telarius (Acarina)
Thrips fuscipennis (Thysanoptera)
Thrips major (Thysanoptera)

DIEFFENBACHIA:

- Bradybaena similis* (Mollusca)

DIOSCOREA:

- Pheidole megacephala* (Hymenoptera)
 "Targionia" hartii (Homoptera)

DIOSPYROS:

- Ceratitis capitata* (?) (Diptera)
Cryptoblabes gnidiella (Lepidoptera)

- Dacus dorsalis* (Diptera)

DOLICHOS:

- Callosobruchus maculatus* (Coleoptera)
Callosobruchus phaseoli (Coleoptera)

EPIDENDRUM:

- Eurytoma orchidearum* (Hymenoptera)
Furcaspis biformis (Homoptera)
Vinsonia stellifera (Homoptera)

ERICA:

- Oxychilus allarius* (Mollusca)
Taeniothrips ericae (Thysanoptera)

ERIOBOTRYA:

- Ceratitis capitata* (Diptera)

EUGENIA:

- Anastrepha mombinpraepotans* (Diptera)
Ceratitis capitata (?) (Diptera)

FATSIA:

- Ceroplastes rubens* (Homoptera)
Chrysomphalus bifasciculatus (Homoptera)
Haplothrips aculeatus (Thysanoptera)

FERN:

- Deroceras reticulatum* (Mollusca)

FICUS:

- Asterolecanium pustulans* (Homoptera)
Ceratitis capitata (Diptera)
Dacus dorsalis (Diptera)

FOENICULUM:

- Systole geniculata* (Hymenoptera)

FRAGARIA:

- Tetranychus telarius* (Acarina)

GARDENIA:

- Amorbia emigratella* (Lepidoptera)
Bradybaena similis (Mollusca)
Coccus viridis (Homoptera)
Dialeurodes citri (Homoptera)
Eucalymnatus tessellatus (Homoptera)
Iridomyrmex humilis (Hymenoptera)
Monomorium destructor (Hymenoptera)
Pealius hibisci (Homoptera)
Protopulvinaria pyrifomis (Homoptera)
Pulvinaria psidii (Homoptera)
Taeniothrips hawaiiensis (Thysanoptera)

GENTIANA:

- Frankliniella intonsa* (Thysanoptera)
Taeniothrips picipes (Thysanoptera)

GESNERIA:

- Deroceras reticulatum* (Homoptera)

GLADIOLUS:

- Amorbia emigratella* (Lepidoptera)
Anuraphis tulipae (Homoptera)
Frankliniella formosae (Thysanoptera)
Limothrips cerealium (Thysanoptera)
Taeniothrips ericae (Thysanoptera)

GLEDITSIA:

- Bruchidius dorsalis* (Coleoptera)

GLYCINE:

- Callosobruchus maculatus* (Coleoptera)

GLYCYRRHIZA:

- Bruchophagus glycyrrhizae* (Hymenoptera)

GOSSYPIUM:

- Orycaenus bicolor* (Hemiptera)
Pectinophora gossypiella (Lepidoptera)
Pectinophora scutiger (Lepidoptera)
Tetranychus desertorum (Acarina)
Trogoderma sternale (Coleoptera)

GYPSOPHILA:

- Frankliniella bispinosa* (Thysanoptera)

HEDYCHIUM:

- Achatina fulica* (Mollusca)
Bradybaena similis (Mollusca)
Pentalonia nigronervosa (Homoptera)

HELICHRYSUM:

- Microcephalothrips abdominalis* (Thysanoptera)

HELICONIA:

- Bradybaena similis* (Mollusca)
Vinsonia stellifera (Homoptera)

HIBISCUS:

- Crocosema plebeiana* (Lepidoptera)
Pectinophora gossypiella (Lepidoptera)
Pheidole megacephala (Hymenoptera)
Tetranychus atlanticus (Acarina)

HOHERIA:

- Tyrophagus infestans* (Acarina)

Hosts and Insects—Continued

HORDEUM:

Trogoderma boron (Coleoptera)

ILEX:

Thrips fuscipennis (Thysanoptera)

INGA:

Anastrepha distincta (?) (Diptera)

IPOMOEAE:

Cylas formicarius (Coleoptera)

Cylas formicarius elegantulus (Coleoptera)

Cylas formicarius formicarius (Coleoptera)

Eusepes postfasciatus (Coleoptera)

IRIS:

Anuraphis tulipae (Homoptera)

Bregmatothrips iridis (Thysanoptera)

Taeniothrips atratus (Thysanoptera)

IXORA:

Coccus viridis (Homoptera)

Protopulvinaria pyriformis (Homoptera)

Pulvinaria psidii (Homoptera)

JASMINUM:

Amorbia emigratella (Lepidoptera)

Dialeurodes kirkaldyi (?) (Homoptera)

JUGLANS:

Rhagoletis completa (Diptera)

JUNIPERUS:

Oligonychus perditus (Acarina)

Zonitoides arboreus (Mollusca)

LABURNUM:

Sparteus villosus (Coleoptera)

LACTUCA:

Cnephasia longana (Lepidoptera)

Deroceras reticulatum (Homoptera)

Nysius californicus (Hemiptera)

Theba pisana (Mollusca)

Thrips angusticeps (Thysanoptera)

Thrips nigropilosus (Thysanoptera)

LAELIA:

Chrysomphalus umboniferus (Homoptera)

Pseudoschnaspis alienus (Homoptera)

Puto ulter (Homoptera)

LANSIUM:

Pachybrachius neitneri (Hemiptera)

Pseudococcus halli (tentative) (Homoptera)

LATHYRUS:

Bruchus brachialis (Coleoptera)

Bruchus tristis (Coleoptera)

Frankliniella bispinosa (Thysanoptera)

Frankliniella intonsa (Thysanoptera)

Haplothrips gowdeyi (Thysanoptera)

Taeniothrips atratus (Thysanoptera)

Taeniothrips vulgarissimus (Thysanoptera)

LAURUS:

Trialeurodes lauri (Homoptera)

LAVANDULA:

Thrips fuscipennis (Thysanoptera)

LENS:

Bruchus ervi (Coleoptera)

Bruchus lentis (Coleoptera)

Bruchus signaticornis (Coleoptera)

Bruchus ulicis (Coleoptera)

Callosobruchus analis (Coleoptera)

LEUCAENA:

Ereunetis flavistriata (Lepidoptera)

Stator pruvinus (Coleoptera)

LILIUM:

Bradybaena similis (Mollusca)

Frankliniella formosae (Thysanoptera)

Lilioceris lili (Coleoptera)

Liliothrips vaneckei (Thysanoptera)

Nysius californicus (Hemiptera)

LONICERA:

Monomorium destructor (Hymenoptera)

LYCOPERSICON:

Blissus leucopterus (Hemiptera)

Dacus cucurbitae (Diptera)

Heliothis subflexa (Lepidoptera)

Nysius raphanus (Hemiptera)

Plagiometriona diversicollis (Coleoptera)

Platynota rostrana (Lepidoptera)

Prodenia eridania (Lepidoptera)

MACADAMIA:

Cryptophlebia illepidia (Lepidoptera)

MALUS:

Anastrepha ludens (Diptera)

Argyresthia conjugella (Lepidoptera)

Austrotortrix postvittana (Lepidoptera)

Brevipalpus oudemansi (Acarina)

Carposina sasakii (Lepidoptera)

Ceratitis capitata (Diptera)

Deroceras reticulatum (?) (Mollusca)

Glycyphagus domesticus (Acarina)

Grapholitha molesta (Lepidoptera)

Lepidosaphes conchiformis (Homoptera)

Rhagoletis pomonella (Diptera)

Tetranychus telarius (Acarina)

MAMMEA:

Aspidiotus herculeanus (Homoptera)

Chrysomphalus odontoglossi (Homoptera)

MANGIFERA:

Anastrepha ludens (Diptera)

Anastrepha mombinpraepians (Diptera)

Anastrepha striata (Diptera)

Aulacaspis mangiferae (Homoptera)

Ceratitis capitata (?) (Diptera)

Dacus dorsalis (Diptera)

Dacus passiflorae (?) (Diptera)

Phenacaspis sandwicensis (Homoptera)

Sternonchetus mangiferae (Coleoptera)

Xylobiops sextuberculatus (Coleoptera)

MESEMBRYANTHEMUM:

Frankliniella sulphurea (Thysanoptera)

Haplothrips gowdeyi (Thysanoptera)

MESPILUS:

Ceratitis capitata (Diptera)

MIMOSA:

Acanthoscelides spinipes (Coleoptera)

MONSTERA:

Pinnaspis buxi (Homoptera)

MUSA:

Cosmopolites sordidus (Coleoptera)

Epilachna paenulata (Coleoptera)

Metamasius sericeus (Coleoptera)

Polytus mellerborgii (Coleoptera)

MUSCARI:

Bouhelia maroccana (Homoptera)

NARCISSUS:

Limothrips cerealium (Thysanoptera)

Steneotarsonemus laticepes (Acarina)

NERIUM:

Amorbia emigratella (Lepidoptera)

Haplothrips gowdeyi (Thysanoptera)

NYMPHAEA:

Taeniothrips gracilis (Thysanoptera)

OLEA:

Dacus oleae (Diptera)

ONCIDIUM:

Asterolecanium epidendri (Homoptera)

Furcaspis biformis (Homoptera)

Vinsonia stellifera (Homoptera)

ONOBRYCHIS:

Bruchidius gibbus (Coleoptera)

Bruchophagus onobrychidis (Hymenoptera)

ONONIS:

Bruchophagus ononis (Hymenoptera)

OPERCULINA:

Araecerus vieillardii (Coleoptera)

Megacerus alternatus (Coleoptera)

Pantomorus godmani (Coleoptera)

Sybra alternans (Coleoptera)

OPUNTIA:

Ceratitis capitata (Diptera)

ORCHID:

Adoretus sinicus (Coleoptera)

Anaphothrips orchidaceus (Thysanoptera)

Anchastus flavovittatus (Coleoptera)

Anthonomus ruficollis (Coleoptera)

Aphanus umbrus (Hemiptera)

Asterolecanium epidendri (Homoptera)

Chrysomphalus umboniferus (Homoptera)

Crophius dirupta (Hemiptera)

Cryphula apicatus (Hemiptera)

Deloyala guttata (Coleoptera)

Deloyala lecontei (Coleoptera)

ORCHID—Continued

- Dendrocoris variegatus* (Hemiptera)
Deroceras reticulatum (Mollusca)
Diorymerellus laevimargo (Coleoptera)
Exptochiomera confusa (Hemiptera)
Exptochiomera formosa (Hemiptera)
Farinococcus guatemalensis (Homoptera)
Ferrisia virgata (Homoptera)
Furcaspis bifurmis (Homoptera)
Galgupha punctifer (Hemiptera)
Galgupha quadrisignata (Hemiptera)
Galgupha texana (Hemiptera)
Helix aspersa (Mollusca)
Heraeus guttatus (Hemiptera)
Heterotermes aureus (Isoptera)
Hyperparachma rhodalis (Lepidoptera)
Iridomyrmex iniquus (Hymenoptera)
Limax marginatus (Mollusca)
Listroderes costirostris obliquus (Coleoptera)
Macropygium reticulatus (Hemiptera)
Mecolaemus carvalhoi (?) (Hemiptera)
Monanthia monotropidia (Hemiptera)
Mormidea pictiventris (Hemiptera)
Neuroctenus litigiosus (Hemiptera)
Nysius raphanus (Hemiptera)
Oedionychis atroguttata (Coleoptera)
Oedionychis pannonia (Coleoptera)
Ogdocosta biannularis (Coleoptera)
Paromius longulus (Hemiptera)
Pheidole megacephale (Hymenoptera)
Phelypera distigma (Coleoptera)
Physonota citrinella (Coleoptera)
Physonota picticollis (Coleoptera)
Plagioderma congesta (Coleoptera)
Plagioderma semivittata (Coleoptera)
Plagioderma thymaloides (Coleoptera)
Praeblyssus albofasciatus (Hemiptera)
Puto ulter (Homoptera)
Rejectaria pharusalis (Lepidoptera)
Scotinophara lurida (Hemiptera)
Stilodes atromaculata (Coleoptera)
Tenthecoris angustimarginatus (Hemiptera)
Tenthecoris bicolor (Hemiptera)
Tenthecoris confusus (Hemiptera)
Tenthecoris distinguendus (Hemiptera)
Tenuirostritermes cinereus (Isoptera)
Vinsonia stellifera (Homoptera)
Zonitoides arboreus (Mollusca)

ORNITHOGALUM:

- Epichorista ionephala* (Lepidoptera)
Frankliniella schultzei (Thysanoptera)
Haplothrips gowdeyi (Thysanoptera)
Leptidiella brevipennis (Coleoptera)

ORYZA:

- Chilo suppressalis* (Lepidoptera)
Monomorium destructor (Hymenoptera)
Trogoderma granarium (Coleoptera)

PACHIRA:

- Coccus viridis* (Homoptera)

PACHYCEREUS:

- Pseudodiaspis yuccae* (Homoptera)

PALM:

- Aspidiotus destructor* (Homoptera)
Eucalymnatus tessellatus (Homoptera)
Metriona crucipennis (Coleoptera)

PASPALUM:

- "*Targionia*" *sacchari* (Homoptera)

PELARGONIUM:

- Exptochiomera confusa* (Hemiptera)
Frankliniella occidentalis (Thysanoptera)
Iridomyrmex humilis (Hymenoptera)

PERSEA:

- Conotrachelus aguacatae* (Coleoptera)
Helipus lauri (Coleoptera)
Stenomacra catenifer (Lepidoptera)
Tyrophagus infestans (Acarina)

PHAEOMERIA:

- Bradybaena similis* (Mollusca)

PHAJUS:

- Vinsonia stellifera* (Homoptera)

PHALAEENOPSIS:

- Tenuipalpus pacificus* (Acarina)

PHASEOLUS:

- Apion griseum* (Coleoptera)
Callosobruchus maculatus (Coleoptera)
Caulophilus latinasus (Coleoptera)
Epinotia aporema (Lepidoptera)
Everes comyntas (Lepidoptera)
Lampides boeticus (Lepidoptera)
Laspeyresia leguminis (Lepidoptera)
Maruca testulalis (Lepidoptera)
Tyrophagus infestans (Acarina)

PHILADELPHUS:

- Frankliniella sulphurea* (Thysanoptera)
Taeniothrips hawaiiensis (Thysanoptera)

PHILODENDRON:

- Bradybaena similis* (Mollusca)
Eucalymnatus tessellatus (Homoptera)
Lamellaxis gracilis (Mollusca)
Neoleucon rubrotylus (Hemiptera)

PHYSALIS:

- Heliothis subflexa* (Lepidoptera)

PILEA:

- Amorbia emigratella* (Lepidoptera)

PINUS:

- Dichocrocis punctiferalis* (Lepidoptera)
Dryocetes autographus (Coleoptera)
Ernobius mollis (Coleoptera)
Hylurgops palliatus (Coleoptera)
Leucaspis pusilla (Homoptera)

PIPER:

- Aonidiella inornata* (Homoptera)

PISUM:

- Bruchus emarginatus* (Coleoptera)
Callosobruchus maculatus (Coleoptera)
Lampides boeticus (Lepidoptera)
Laspeyresia nigricana (Lepidoptera)
Maruca testulalis (Lepidoptera)
Tetranychus cinnabarinus (Acarina)
Trogoderma granarium (Coleoptera)

PITTIOSPORUM:

- Brevipalpus inornatus* (Acarina)

PLUMERIA:

- Amorbia emigratella* (Lepidoptera)
Bradybaena similis (Mollusca)
Deroceras reticulatum (Mollusca)
Orchidophilus peregrinator (Coleoptera)
Pantomorus godmani (Coleoptera)
Taeniothrips hawaiiensis (Thysanoptera)

PONCIRUS:

- Parlatoria zizyphi* (Homoptera)
Unaspis yanonensis (Homoptera)

POTENTILLA:

- Frankliniella intonsa* (Thysanoptera)
Limothrips cerealis (Thysanoptera)
Limothrips denticornis (Thysanoptera)
Thrips flavus (Thysanoptera)
Thrips fuscipennis (Thysanoptera)
Thrips major (Thysanoptera)

PRIMULA:

- Phytomyza atricornis* (Diptera)
Taeniothrips picipes (Thysanoptera)

PROTEA:

- Glycyphagus domesticus* (Acarina)

PRUNUS AMYGDALUS:

- Anastrepha mombinpraepians* (Diptera)
Ceratitis capitata (?) (Diptera)

PRUNUS ARMENIACA:

- Ceratitis capitata* (Diptera)
Ischnodemus diplopterus (Hemiptera)

PRUNUS DOMESTICA:

- Eulia auraria* (Lepidoptera)
Grapholitha molesta (Lepidoptera)
Pseudococcus gahani (Homoptera)

PRUNUS NIPPONICA:

- Anthonomus rectirostris* (Coleoptera)

PRUNUS PERSICA:

- Ceratitis capitata* (Diptera)
Grapholitha molesta (Lepidoptera)
Pseudococcus comstocki (Homoptera)

PRUNUS PERSICA NECTARINA:

- Ceratitis capitata* (Diptera)

Hosts and Insects—Continued

- PRUNUS SP.** (cherry):
Rhagoletis cerasi (Diptera)
- PRUNUS SP.:**
Pseudococcus matsumotoi (Homoptera)
- PSIDIUM:**
Amorbia emigratella (Lepidoptera)
Anastrepha mombinpraeoptans (Diptera)
Anastrepha striata (Diptera)
Ceratitis capitata (Diptera)
Coccus viridis (Homoptera)
Dacus dorsalis (Diptera)
- PUNICA:**
Amorbia emigratella (Lepidoptera)
Anastrepha ludens (Diptera)
Ceratitis capitata (Diptera)
Cryptoblabes gnidiella (Lepidoptera)
Myelois ceratoniae (Lepidoptera)
- PYRUS:**
Anastrepha ludens (Diptera)
Anastrepha mombinpraeoptans (Diptera)
Ceratitis capitata (Diptera)
Grapholitha molesta (Lepidoptera)
- QUERCUS:**
Curculio elephas (Coleoptera)
Neuroterus numismalis (Hymenoptera)
Neuroterus quercus-baccarum (Hymenoptera)
Porthetria dispar (Lepidoptera)
Sinozylon sexdentatum (Coleoptera)
- RHODODENDRON:**
Dialeurodes chittendeni (Homoptera)
Gracilaria azaleella (Lepidoptera)
Haplothrips aculeatus (Thysanoptera)
Limothrips cerealium (Thysanoptera)
Psylla rhododendri (Homoptera)
- RODRIGUEZIA:**
Furcaspis biformis (Homoptera)
- ROSA:**
Frankliniella formosae (Thysanoptera)
Frankliniella intonsa (Thysanoptera)
Haplothrips gowdeyi (Thysanoptera)
Microcephalothrips abdominalis (Thysanoptera)
Pseudoaonidia trilobitiformis (Homoptera)
Selenothrips rubrocinctus (Thysanoptera)
Taeniothrips atratus (Thysanoptera)
Taeniothrips hawaiiensis (Thysanoptera)
Tetranychus telarius (Acarina)
Thrips flavus (Thysanoptera)
Thrips fuscipennis (Thysanoptera)
Thrips major (Thysanoptera)
Thrips nigropilosus (Thysanoptera)
- ROSMARINUS:**
Cacoeia pronubana (?) (Lepidoptera)
- SACCHARUM:**
Chilo loftini (Lepidoptera)
"Targionia" sacchari (Homoptera)
Trionymus sacchari (Homoptera)
- SAMANEA:**
Cryptophlebia illepidata (Lepidoptera)
Stator limbatus (Coleoptera)
- SAPOTE:**
Anastrepha ludens (Diptera)
- SARACA:**
Pseudoaonidia trilobitiformis (Homoptera)
- SCIRPUS:**
Glycyphagus domesticus (Acarina)
- SELAGINELLA:**
Philaspis bivulnerata (Coleoptera)
- SERISSA:**
Brevipalpus inornatus (Acarina)
- SESBANIA:**
Bruchophagus mellipes (Hymenoptera)
- SESUVIUM:**
Haplothrips gowdeyi (Thysanoptera)
Taeniothrips hawaiiensis (Thysanoptera)
- SOIL:**
Deroceras reticulatum (Mollusca)
Euethoea rugiceps (Coleoptera)
Frankliniella tenuicornis (Thysanoptera)
Glycyphagus domesticus (Acarina)
Haplothrips cottei (Thysanoptera)
Limax marginatus (Mollusca)
Limothrips cerealium (Thysanoptera)
Limothrips denticornis (Thysanoptera)
- Listroderes costirostris obliquus* (Coleoptera)
Oryzophilus allarius (Mollusca)
Pheidole megacephala (Hymenoptera)
Tyrophagus infestans (Acarina)
- SOLANUM MELONGENA:**
Leucinodes orbonalis (Lepidoptera)
Milax gagates (Mollusca)
Pachyzancla periusalis (Lepidoptera)
- SOLANUM TUBEROSUM:**
Ligyrocoris nitidicollis (Hemiptera)
Tyrophagus infestans (Acarina)
- SORGHUM:**
Blissus leucopterus (Hemiptera)
Haplothrips gowdeyi (?) (Thysanoptera)
Pyrausta nubilalis (Lepidoptera)
Sesamia cretica (Lepidoptera)
- SPARTIUM:**
Spartus villosus (Coleoptera)
- SPATHICARPA:**
Trialeurodes vaporariorum (Homoptera)
- SPONDIAS:**
Anastrepha mombinpraeoptans (Diptera)
- STANHOPEA:**
Asterolecanium epidendri (Homoptera)
Cephalodonta callosa (Coleoptera)
Vinsonia stellifera (Homoptera)
- STENOTAPHRUM:**
Hymenia perspectalis (Lepidoptera)
- STERCULIA:**
Oxydema fusiiforme (Coleoptera)
Sybra alternans (Coleoptera)
- STRELITZIA:**
Pantomorus godmani (Coleoptera)
Phenacaspis sandwicensis (Homoptera)
Pinnaspis buzi (Homoptera)
- SWIETENIA:**
Agrocineta propinqua (Coleoptera)
Trogosylon aequale (Coleoptera)
- SYRINGA:**
Galerucella xanthomelaena (Coleoptera)
Haplothrips aculeatus (Thysanoptera)
Limothrips cerealium (Thysanoptera)
Sitona lineata (Coleoptera)
- TAGETES:**
Microcephalothrips abdominalis (Thysanoptera)
- TAMARINDUS:**
Myelois ceratoniae (Lepidoptera)
- TERMINALLA:**
Dacus dorsalis (?) (Diptera)
- THEMEDA:**
Aplocnemus aerosus (Coleoptera)
- THEOBROMA:**
Pseudoaonidia trilobitiformis (Homoptera)
- THEVETIA:**
Dacus dorsalis (?) (Diptera)
- TILLANDSIA:**
Monanthia monotropidia (Hemiptera)
Tenuirostritermes cinereus (Isoptera)
- TRITICUM:**
Glycyphagus domesticus (Acarina)
Limothrips denticornis (Thysanoptera)
Trogoderma boron (Coleoptera)
- TRITONIA:**
Taeniothrips atratus (Thysanoptera)
- VANDA:**
Amorbia emigratella (Lepidoptera)
Bradybaena similis (Mollusca)
Clrada apicicornis (Hemiptera)
Deroceras reticulatum (Mollusca)
Nysius coenosulus (Hemiptera)
Parlatoria psuedaspidiotus (Homoptera)
Plusia chalcitis (?) (Lepidoptera)
Tricentrus albomaculatus (Homoptera)
- VICIA:**
Apion pomonae (Coleoptera)
Bruchidius algericus (Coleoptera)
Bruchidius incarnatus (Coleoptera)
Bruchus brachialis (Coleoptera)
Bruchus emarginatus (Coleoptera)
Bruchus luteicornis (Coleoptera)
Bruchus tristiculus (Coleoptera)
Bruchus ulcicus (Coleoptera)

Hosts and Insects—Continued

VICIA—Continued

Callosobruchus maculatus (Coleoptera)

VIGNA:

Callosobruchus maculatus (Coleoptera)

VITIS:

Ceratitis capitata (?) (Diptera)

Chelymorphe varians (Coleoptera)

Naupactus xanthographus (Coleoptera)

Nezara viridula (Hemiptera)

Pantomorus godmani (Coleoptera)

Phlyctinus callosus (Coleoptera)

Polychrosis botrana (?) (Lepidoptera)

XYLOBIUM:

Vinsonia stellifera (Homoptera)

ZEA:

Frankliniella williamsi (Thysanoptera)

Moodna bisinuella (Lepidoptera)

Peregrinus maidis (Homoptera)

Trogoderma boron (Coleoptera)

ZINGIBER:

Adoretus sinicus (Coleoptera)

Taeniothrips hawaiiensis (Thysanoptera)

ZINNIA:

Homocerosoma electellum (Lepidoptera)

Microcephalothrips abdominalis (Thysanoptera)

Pheidole megacephala (Hymenoptera)

Taeniothrips atratus (Thysanoptera)

Taeniothrips vulgarissimus (Thysanoptera)

Thrips fuscipennis (Thysanoptera)

Hosts Unknown

AIRPLANE:

Adoretus sinicus (Coleoptera)
Agrotis ypsilon (Lepidoptera)
Anastrepha serpentina (Diptera)
Anomala albopilosa (Coleoptera)
Anomala cuprea (Coleoptera)
Anomala orientalis (Coleoptera)
Anomala pleurimargo (Coleoptera)
Anomala schoenfeldti (Coleoptera)
Anomala sulcatula (Coleoptera)
Aphthona nanyoensis (Coleoptera)
Arcte caerulea (Lepidoptera)
Athesapeuta cyperi (Coleoptera)
Cassida circumdata (Coleoptera)
Characoma albulalis (Lepidoptera)
Chrysobothris adelpha (Coleoptera)
Colaspis suturalis (Coleoptera)
Colasposoma metallicus rugiceps (Coleoptera)
Coptotermes formosanus (Isoptera)
Cosmopsaltris fuliginosa (Homoptera)
Dacus cucurbitae (Diptera)
Dacus dorsalis (Diptera)
Gnaphalocrocis medinalis (Lepidoptera)
Hyalopeplus pellucidus (Hemiptera)
Hypocala deflorata (Lepidoptera)
Kalotermes jouteli (Isoptera)
Monalocorisca granulata (Hemiptera)
Mormidea pictiventris (Hemiptera)
Nephotettix apicalis (Homoptera)
Nezara viridula (Hemiptera)
Nomophila noctuella (Lepidoptera)
Nysius californicus (Hemiptera)
Nysius coenosulcus (Hemiptera)
Nysius terrestris (Hemiptera)
Paragonatas divergens (Hemiptera)
Peridroma margaritosa (Lepidoptera)
Perkinsiella saccharicida (Homoptera)
Perkinsiella vitiensis (Homoptera)
Petrochroa dimorpha (Lepidoptera)
Physonota attenuata (Coleoptera)
Schoenobius incertulas (Lepidoptera)
Sidemia deparvata (?) (Lepidoptera)
Spodoptera mauritia (Lepidoptera)
Stictoptera signifera (Lepidoptera)
Sybra alternans (Coleoptera)
Tycopocerus zebra (Coleoptera)

BAGGAGE:

Adoretus sinicus (Coleoptera)
Diaprepes famelicus var. (Coleoptera)
Diocalandra taitensis (Coleoptera)
Nysius raphanus (Hemiptera)
Pantomorus godmani (Coleoptera)
Pieris brassicae (Lepidoptera)

BEAN:

Bruchus tristis (Coleoptera)
Callosobruchus maculatus (Coleoptera)

ON BOX CONTAINING RHODODENDRON

INDICUM PLANTS:

Brachyrhinus ovatus (Coleoptera)

BOX CAR:

Oxygryllus ruginasus (Coleoptera)

WITH BROMELIAD AND ORCHID PLANTS:

Phelypera distigma (Coleoptera)

BURLAP BAGGING:

Trogoderma granarium (Coleoptera)

WITH CYPERUS SP. AND LYCOPODIUM SP.

Athesapeuta cyperi (Coleoptera)

FERN:

Zonitoides arboreus (Mollusca)

FLOWER SEED:

Sitona lineata (Coleoptera)

FLOWERS:

Adoretus sinicus (Coleoptera)
Cnephasia vigaureana (Lepidoptera)
Haplothrips gowdeyi (?) (Thysanoptera)

Iridomyrmex humilis (Hymenoptera)
Nysius raphanus (Hemiptera)
Opogona purpuricella (Lepidoptera)
Oxydema fusiforme (Coleoptera)
Pantomorus godmani (Coleoptera)
Phlegas annulicrus (Hemiptera)
Protopulvinaria pyriformis (Homoptera)
Psylla rhododendri (Homoptera)
Taeniothrips atratus (Thysanoptera)
Taeniothrips dianthi (Thysanoptera)
Thrips flavus (Thysanoptera)
Thrips fuscipennis (Thysanoptera)
Thrips major (Thysanoptera)

FOREST LITTER PACKING:

Brachyrhinus singularis (Coleoptera)

GRAIN—MIXED:

Trogoderma boron (Coleoptera)

Trogoderma granarium (Coleoptera)

GRASS AND WOOD:

Haplothrips gowdeyi (Thysanoptera)

LEAF:

Aleurothrixus floccosus (Homoptera)

Aulacaspis mangiferae (Homoptera)

Exptochioma confusa (Hemiptera)

Hypopygia costalis (Lepidoptera)

Vinsonia stellifera (Homoptera)

LEGUME SEED:

Caryedon fuscus (Coleoptera)

Mimosestes sallaei (Coleoptera)

MAIL PACKAGE:

Cryptotermes brevis (Isoptera)

"MANDADO" BIN:

Trogoderma sternale (Coleoptera)

MILITARY CARGO:

Theba pisana (Mollusca)

PACKING:

Heilipus ocellatus (Coleoptera)

Iridomyrmex iniquus (Hymenoptera)

Metopoplax ditomoides (Hemiptera)

PERSONAL EFFECTS:

Adoretus sinicus (Coleoptera)

Cryptotermes brevis (Isoptera)

Epilachna philippinensis (Coleoptera)

Oxydema fusiforme (Coleoptera)

Oxygryllus ruginasus (Coleoptera)

Reticulitermes virginicus (Isoptera)

PLANTS:

Brachyrhinus ovatus (Coleoptera)

Caulophilus latinasus (Coleoptera)

Cryptophlebia illepidia (Lepidoptera)

Deroceras reticulatum (Mollusca)

Limax marginatus (Mollusca)

Nezara viridula (Hemiptera)

Thrips angusticeps (Thysanoptera)

Udea rubigalis (Lepidoptera)

TREE SEED:

Caryedon fuscus (Coleoptera)

WEED:

Platynota nigrocerina (Lepidoptera)

WOOD:

Coptotermes niger (Isoptera)

Heterobostrychus aequalis (Coleoptera)

Heterobostrychus brunneus (Coleoptera)

Leperisinus frazzini (Coleoptera)

Lycus africanus (Coleoptera)

Molorchus minor (Coleoptera)

Nasutitermes nigricipes (Isoptera)

Pheidole megacephala (Hymenoptera)

Sinoxylon conigerum (Coleoptera)

WRAPPING:

Listroderes costirostris obliquus (Coleoptera)

Oxydema fusiforme (Coleoptera)

Pantomorus godmani (Coleoptera)

Sitona lineata (Coleoptera)

Trogoderma ornatum (Coleoptera)

Countries of Origin and Insects

- ALGERIA:**
Ceratitis capitata
- ANGLO-EGYPTIAN SUDAN:**
Pectinophora gossypiella
- ANGUILLA:**
Ancylostoma stercorea
Pheidole megacephala
 "Targionia" hartii
- ANTIGUA:**
Ancylostoma stercorea
Monomorium destructor
 "Targionia" sacchari
- ARGENTINA:**
Anastrepha fraterculus (?)
Nesara viridula
Tetranychus telarius
- AUSTRALIA:**
Callosobruchus phaseoli
Haplothrips gowdeyi
Lepidosaphes tuberculata
Microcephalothrips abdominalis
Oryzaenrus bicolor
Plautia fimbriata
Trogoderma granarium
Unaspis citri
- AZORES:**
Apion pomonae
Bruchus luteicornis
Bruchus tristictulus
Caryedon fuscus
Ceratitis capitata
Glycyphagus domesticus
Limax marginatus
Rhagoletis cerasi
 "Targionia" bromilifera
- BAHAMAS:**
Ancylostoma stercorea
Callosobruchus maculatus
Coccus viridis
Eucalymnatus tessellatus
Fundella pellucens
Protopulvinaria pyriiformis
Pulvinaria psidii
Vinsonia stellifera
- BARBADOS:**
Anastrepha mombinpraeoptans
Frankliniella tritici
Haplothrips gowdeyi
Microcephalothrips abdominalis
Vinsonia stellifera
- BELGIAN CONGO:**
Pheidole megacephala
- BELGIUM:**
Brachyrhinus ovatus
Evergestis forficatus
Frankliniella tenuicornis
Leperisinus fraxini
Limothrips cerealium
Megastigmus rufi
Periphyllus californiensis
Phytomyza rufipes
Stenotarsonemus laticeps
- BERMUDA:**
Agrotis ypsilon
Bradybaena similis
Diaprepes famelicus var.
Frankliniella bispinosa
Haplothrips gowdeyi
Homoeosoma electellum
Iridomyrmex humilis
Pheidole megacephala
Prodenia eridania
Pseudococcus boninsis
Taeniothrips gracilis
- BRAZIL:**
Anastrepha fraterculus
Asterolecanium epidendri
Bradybaena similis
Callosobruchus maculatus
Ceratitis capitata
Deroceras reticulatum
Eurytoma orchidearum
Galgupha quadrisignata
Heilipus ocellatus
Hymenia perspectalis
Parlatoria cinerea
- Pectinophora gossypiella*
Stephanoderes hampei
- BRITISH EAST AFRICA:**
Ceratitis capitata
- BRITISH GUIANA:**
Euscepes postfasciatus
- BRITISH HONDURAS:**
Anastrepha striata
Cryphula apicatus
Diorymerellus laevimargo
Heraeus guttatus
Pseudischinaspis alienus
 "Targionia" hartii
Valtissius diversus
- BRITISH WEST INDIES:**
Myelois ceratoniae
 "Targionia" hartii
Thrips flavus
- BURMA:**
Bruchus emarginatus
- CANADA:**
Trialeurodes vaporariorum
Tyrophagus infestans
- CANAL ZONE:**
Cephalodonta callosa
Chrysomphalus personatus
Chrysomphalus umboniferus
Furcaspis biformis
Lepidosaphes tokionis
Leucaspis cockerelli
Listroderes costirostris obliquus
Macropygium reticulare
Phelypera distigma
Pinnaspis buxi
Tenthetocoris distinguendus
Vinsonia stellifera
- CANARY ISLANDS:**
Ceratitis capitata
- CAPE VERDE ISLANDS:**
Callosobruchus maculatus
Caryedon fuscus
Ceratitis capitata
- CENTRAL AMERICA:**
Coccus viridis
- CEYLON:**
Stephanoderes hampei
- CHILE:**
Chelymorpha varians
Eulia auraria
Frankliniella cestrum
Naupactus xanthographus
Pantomorus godmani
Pseudococcus gahani
Tetranychus telarius
- CHINA:**
Callosobruchus maculatus
Cylas formicarius ssp.
Pheidole megacephala
Trogoderma granarium
Unaspis yanonensis
- COLOMBIA:**
Adetus mucoreus
Aspidiotus destructor
Cerconota anonella
Deroceras reticulatum
Dysdercus rusticus
Furcaspis biformis
Platypus rugulosus
Protopulvinaria pyriiformis
Stenoma catenifer
Unaspis citri
- COSTA RICA:**
Anastrepha mombinpraeoptans
Anastrepha striata
Asterolecanium epidendri
Chrysomphalus umboniferus
Eurytoma orchidearum
Furcaspis biformis
Galgupha punctifer
Limax marginatus
Metamasius sericeus
Pseudischinaspis alienus
Tenthetocoris confusus
Toxotrypana curvicauda
Vinsonia stellifera

Countries of Origin and Insects—Continued

CUBA:

Aleurothrixus floccosus
Anastrepha mombinpraeoptans
Coccus viridis
Crocidosoma plebeiana
Cylas formicarius elegantulus
Eucalymnatus tessellatus
Furcaspsis biformis
Heterobostrychus aequalis
Kaloterms jouteli
Mormidea pictiventris
Pachyzancla periusalis
Paromius longulus
Pheidole megacephala
Protopulvinaria pyriformis
Reticulitermes virginicus
Ribua innoxia
Unaspis citri
Vinsonia stellifera

CURACAO:

Vinsonia stellifera

DENMARK:

Deroceras reticulatum
Phytomyza rufipes
Taeniothrips atratus
Thrips fuscipennis
Tyrophagus infestans

DOMINICA:

Anastrepha mombinpraeoptans

DOMINICAN REPUBLIC:

Agroiconota propinqua
Coccus viridis
Cylas formicarius elegantulus
Euptochiomeria oblonga
Furcaspsis biformis
Haplothrips gowdeyi
Pectinophora gossypiella
Sinozylon conigerum
Tyrophagus infestans
Unaspis citri
Vinsonia stellifera

ECUADOR:

Asterolecanium epidendri
Epilachna paenulata
Frankliniella williamsi
Laspeyresia leguminis
Metamasius sericeus
Stenomoma catenifer

EGYPT:

Bruchidius algericus
Ceratitis capitata
Gnorimoschema ocellatella
Spermophagus cardui
Thrips nigropilosus
Tyrophagus infestans

ENGLAND:

Anuraphis tulipae
Bregmatothrips iridis
Cnephasia longana
Cnephasia vigauareana
Crioceris asparagi
Deroceras reticulatum
Dialeurodes chittendeni
Ernobius mollis
Eurgesia forficulis
Glycyphagus domesticus
Laspeyresia nigricana
Laspeyresia splendana
Limothrips cerealium
Limothrips denticornis
Limothrips vaneeklei
Neuroterus numismalis
Phytomyza atricornis
Phytomyza rufipes
Sitona lineata
Taeniothrips atratus
Taeniothrips ericae
Taeniothrips picipes
Thrips flavus
Thrips fuscipennis
Thrips major
Thrips nigropilosus

ENGLAND (?):

Tetranychus telarius

FIJI ISLANDS:

Dacus passiflorae (?)

Leucaspis cockerelli
Perkinsiella vitiensis

FORMOSA:

Oligonychus perditus
Parlatoria zizyphus
Scotinophara lurida
Trogoderma granarium

FRANCE:

Acanthoscelides spinipes
Acrolepia assectella
Bruchus brachialis
Bruchus lentis
Ceratitis capitata
Dactyloctenium aegyptium
Gnorimoschema ocellatella
Grapholitha molesta
Haplothrips cottei
Laspeyresia splendana
Limothrips cerealium
Parlatoria zizyphus
Polychrosis botrana (?)
Pyrausta nubilalis
Rhagoletis cerasi
Taeniothrips atratus
Tetranychus telarius

FRANCE (?):

Hypera postica

GERMANY:

Bruchidius incarnatus
Bruchus luteicornis
Frankliniella intonsa
Glycyphagus domesticus
Linax marginatus
Limothrips cerealium
Limothrips denticornis
Phytomyza rufipes
Pieris brassicae
Rhagoletis cerasi (?)
Sitona lineata
Taeniothrips atratus
Taeniothrips ericae
Tetranychus telarius
Thrips flavus
Thrips fuscipennis
Thrips major
Tyrophagus infestans

GERMANY (?):

Frankliniella intonsa

GIBRALTAR:

Theba pisana

GRAND CAYMAN:

Heterotermes aureus

GREECE:

Barbara tessellatana
Bruchus tristis
Ceratitis capitata
Curculio elephas
Dacus oleae
Haplothrips cottei
Myelois ceratoniae
Tetranychus telarius

GRENADA:

Euscepes postfasciatus

GUAM:

Aonidiella inornata
Cassida circumdata
Diocalandra taitensis
Epilachna philippinensis
Ozycaenus bicolor

GUATEMALA:

Anastrepha distincta (?)
Anastrepha ludens
Anastrepha mombinpraeoptans
Anastrepha serpentina
Anastrepha striata
Aspidiotus destructor
Furcaspsis biformis
Iridomyrmex iniquus
Metamasius sericeus
Paromius longulus
Puto ulter
Stenomoma catenifer
Talponia batesi
Tenthecoris bicolor
Vinsonia stellifera

Countries of Origin and Insects—Continued

HAITI:

Anastrepha mombinpraeoptans
Ancylostomia stercorea
Diaprepes abbreviata
Pheidole megacephala
Trogozylon aequale
Vinsonia stellifera

HAWAII:

Achatina fulica
Adoretus sinicus
Amorbia emigratella
Araecerus vieillardii
Athesapeuta cyperi
Bradybaena similis
Cassida circumdata
Ceratitis capitata
Ceroplastes rubens
Chlorophorus annularis
Clerada apicicornis
Coccus viridis
Cryptophlebia illepidia
Cryptotermes brevis
Dacus cucurbitae
Dacus dorsalis
Deroceras reticulatum
Dialeurodes kirkaldyi (?)
Diocalandra taitensis
Ereunetis flavistriata
Euscepes postfasciatus
Frankliniella sulphurea
Haplothrips powdeyi
Hyalopephus pellucidus
Iridomyrmex humilis
Kaloterms immigrans
Lamellaxis gracilis
Lampides boeticus
Lepidosaphes tokionis
Listroderes costirostris obliquus
Maruca testulalis
Megacerus alternatus
Mimosetes sallaei
Monomorium destructor
Nysius coenosulus
Nysius terrestris
Opogona purpuricella
Orchidophilus peregrinator
Oxydema fusiiforme
Pantomorus godmani
Parlatoria crotonis
Parlatoria pseudaspidiotus
Parthenothrips dracaenae
Pealius hibisci
Pectinophora gossypiella
Pectinophora scutigera
Pentalonia nigronervosa
Perkinsiella saccharicida
Pheidole megacephala
Phenacaspis sandwicensis
Pinnaspis buxi
Plusia chalcites (?)
Pseudococcus palmarum
Pulvinaria psidii
Spodoptera mauritia
Stator limbatus
Stator pruinitus
Sternonchetus mangiferac
Sybra alternans
Taeniothrips alliorum
Taeniothrips hawaiiensis
Taeniothrips vitticornis
Tarophagus proserpina
Tricentrus albomaculatus
Trogoderma ornatum
Xyleborus semigranosus
Zonitoides arboreus

HONDURAS:

Anastrepha mombinpraeoptans
Chrysomphalus umboniferus
Diorymerellus laevimargo
Metamasius sericeus
Polytus mellerborgii

ICELAND:

Oxychilus allarius
Taeniothrips atratus
Thrips flavus

INDIA:

Bruchophagus mellipes
Callosobruchus maculatus
Caryedon fuscus
Cylas formicarius formicarius
Heterobostrychus aequalis
Lyctus africanus
Odontotermes wallonensis
Trogoderma granarium

INDO-CHINA:

Parlatoria zizyphus

INDONESIA:

Tenuipalpus pacificus

IRAN:

Bruchidius picipes
Bruchophagus glycyrrhizae
Bruchophagus onobrychidis
Bruchus brachialis
Bruchus emarginatus
Bruchus tristis
Bruchus ulicis
Callosobruchus maculatus
Macroplax fasciata
Orsillus depressus

IRELAND:

Limothrips cerealium
Phytomyza rufipes
Thrips fuscipennis
Tyrophagus infestans

ISLAND OF RHODES:

Ceratitis capitata

ISRAEL:

Bruchophagus ononis
Ceratitis capitata
Cryptoblabes gnidiella
Parlatoria zizyphus
Rhagoletis cerasi

ITALY:

"*Acanthoscelides*" *spinipe*
Brachycerus albidentatus
Brachycerus algeris
Bruchophagus coluteae
Bruchus ervi
Bruchus lentis
Bruchus signaticornis
Bruchus tristis
Cacoccia pronubana (?)
Callosobruchus maculatus
Ceratitis capitata
Cryptoblabes gnidiella
Curculio elephas
Curculio nucum
Dacus oleae
Dyspessa ulula
Frankliniella intonsa
Frankliniella tenuicornis
Galerucella xanthomelaena
Glycyphagus domesticus
Laspeyresia splendana
Lilioceris lili
Limax flavus
Limothrips denticornis
Milax gagates
Mimosetes sallaei
Myelois ceratoniae
Nemopogon granella
Parlatoria zizyphus
Pectinophora gossypiella
Pyrausta nubilalis
Phytomyza rufipes
Porthetria dispar
Psylliodes chrysocephala
Rhagoletis cerasi
Sesamia cretica
Sinoxylon sexdentatum
Spartus villosus
Thrips angusticeps
Thrips flavus
Trialeurodes lauri
Tyrophagus infestans

JAMAICA:

Anastrepha mombinpraeoptans
Ancylostomia stercorea
Asterolecanium epidendri
Callosobruchus maculatus
Furcaspsis biformis

Countries of Origin and Insects—Continued

JAMAICA—Continued

Iridomyrmex iniquus
Mimosastes sallaei
Vinsonia stellifera

JAPAN:

Adoretus sinicus
Anomala albopilosa
Anomala cuprea
Anomala orientalis
Anomala pleurimargo
Anomala schoenfeldti
Anomala sulcatula
Anthonomus rectirostris
Brevipalpus inoratus
Bruchidius dorsalis
Callosobruchus maculatus
Carposina sasakii
Ceroplastes rubens
Chilo suppressalis
Chrysomphalus bifasciculatus
Colaspoma metallicus rugiceps
Coptotermes formosanus
Dialeurodes citri
Dichocrocis punctiferalis
Euthoea rugiceps
Frankliniella formosae
Gracilaria azaleella
Grapholitha molesta
Haplothrips aculeatus
Haplothrips gowdeyi
Hypocata deflorata
Hypsopygia costalis
Lampides boeticus
Lepidosaphes conchiformis
Lepidosaphes tuberculata
Liothrips vaneeckei
Listroderes costirostris obliquus
Maruca testulalis
Microcephalothrips abdominalis
Nomophila noctuella
Parlatoria zizyphus
Pinnaspis uniloba
Pseudococcus comstocki
Pseudococcus matsumotoi
Pulvinaria aurantii
Pyrausta nubilalis
Schoenobius incertulus
Sidemia deparvata (?)
Sticlioptera signifera
Taeniothrips hawaiiensis
Tetranychus cinnabarinus
Tetranychus telarius
Typocerus zebra
Unaspis citri
Unaspis yanonensis
Zonitoides arboreus

JAPAN (?):

Arcte caerulea

JOST VAN DYKES:

Anastrepha mombinpraeoptans

KENYA:

Sternonchetus mangiferae

KWAJALEIN:

Furcaspis oceanica

KWAJALEIN (?):

Characoma albulalis

LEBANON:

Bruchus lentis
Ceratitis capitata
Curculio elephas
Dacus oleae
Tetranychus cinnabarinus

LIBERIA:

Lyctus africanus

LIBYA:

Bruchus lentis
Ceratitis capitata

MADEIRA ISLANDS:

Apion pomonae
Deroceras reticulatum

MEXICO:

Aleurocanthus woglumi
Alpheias conspirata
Altypiodes geronimo
Amorbia emigratella
Anaphothrips orchidaceus

Anastrepha ludens
Anastrepha mombinpraeoptans
Anastrepha serpentina
Anastrepha striata
Anchastus flavovittatus
Anthonomus ruficollis
Aphanus umbrosus
Apion griseum
Aspidiotus destructor
Aspidiotus herculeanus
Asterolecanium pustulans
Aufeius impressicollis
Blissus leucopterus
Callosobruchus maculatus
Calypsocephala gerstaeckeri
Caulophilus latinasus
Chaetocnema ectypa
Chalcodermus dentiferus
Charidotis seminulum
Chilo loftini
Chrysomphalus odontogloss
Chrysomphalus personatus
Clerada apicicornis
Colaspis suturalis
Conotrachelus aguacatae
Crophius dirupta
Cryphula apicatus
Ctenochira aspersa
Cylas formicarius elegantulus
Deloyala guttata
Deloyala lecontei
Dendrocoris variegatus
Deroceras reticulatum
Diorymerellus laevimargo
Epicaerus fallax
Epinotia aporema
Eucalymnatus tessellatus
Euthoea bidentata
Euschistus comptus
Everes comyntas
Exptochiomeria confusa
Exptochiomeria formosa
Farinococcus guatemalensis
Ferrisia virgata
Frankliniella occidentalis
Galgupha texana
Gnorimoschema gudmannella
Haplothrips cotlei
Helipus lauri
Heliothis subflexa
Helix aspersa
Homoeosoma electellum
Hyperparachma rhodalis
Ligyrocotis nitidicollis
Limax marginatus
Loxostege similis
Lygaeus pusio
Metamasius sericeus
Metrona crucipennis
Micrapate mexicana
Monalocorisca granulata
Monanthia monotropidia
Moodna bisinuella
Mormidea pictiventris
Neoleucon rubrotylus
Neuroctenus litigiosus
Nezara viridula
Nysius californicus
Nysius raphanus
Oedionychis atroguttata
Oedionychis pavonina
Ogdocoesta biannularis
Orygryllus ruginasus
Paragonatus divergens
Parlatoria cinerea
Parlatoria crotonis
Paromius longulus
Pectinophora gossypiella
Phelypera distigma
Philaspis bivulnerata
Phlegyas annulicrus
Physonota attenuata
Physonota citrinella
Physonota picticollis
Plagiodera congesta
Plagiodera semivittata

Countries of Origin and Insects—Continued

MEXICO—Continued

Plagiodera thymaloidea
Plagiometrona diversicollis
Platynota nigrocervina
Platynota rostrana
Præbissus albofasciatus
Prodenia eridania
Prodenia ornithogalli
Pseudischnaspis alienus
Pseudischnaspis longissima
Pseudodiaspis yuccae
Pyroderces stigmatophora
Rejctaria pharusalis
Rhagoletis completa
Rhagoletis pomonella
Scyphophorus acupunctatus
Stenoma catenifer
Stilodes atomaculata
Taeniothrips ericae
Talponia batesi
Tapinaspis wesmaeli
"Targionia" bromiliae
Tentecoris angustimarginatus
Tentecoris bicolor
Tentecoris confusus
Tenuirostritermes cinereus
Tetranychus atlanticus
Tetranychus cinnabarinus
Tetranychus desertorum
Thecla ziba
Trionymus sacchari
Trogoderma boron
Trogoderma ornatum
Trogoderma sternale
Udea rubigalis
Xylobiops sextuberculatus
Zonitoides arboreus

MEXICO (?):

Trogoderma sternale

MIDWAY ISLANDS:

Amorbia emigratella

Haplothrips gowdeyi

MIDWAY ISLANDS (?):

Perkinsiella saccharicida

MONTSERRAT:

Euseceps postfasciatus

MOROCCO:

Anuraphis cardui

Bouhelia maroccana

Myelois ceratoniae

Parlatoria zizyphus

Theba pisana

Thrips anantheiceps

MOZAMBIQUE:

Olethreutes leucotreta

NETHERLANDS:

Acrolepia assectella

Brachyrhinus ovatus

Bregmatothrips iridis

Dialeurodes chittendeni (?)

Eriophyes canestrinii

Evergestis forficatus

Frankliniella intonsa

Haplothrips aculeatus

Limothrips cerealium

Mamestra brassicae

Phytomyza rufipes

Sitona lineata

Taeniothrips atratus

Taeniothrips vulgarissimus

Thrips fuscipennis

NETHERLANDS GUIANA:

Pseudoaonidia trilobitiformis

NEVIS:

"Targionia" hartii

NEW GUINEA:

Pheidole megacephala

NEW ZEALAND:

Anuraphis tulipae

Austrotortrix postvittana

NICARAGUA:

Anastrepha ludens

Anastrepha mombinpraeoptans

Anastrepha serpentina

Anastrepha striata

Aulacaspis mangiferae

Coptotermes niger

Nasutitermes nigriceps

NIGERIA:

Callosobruchus muculatus

Leucinodes orbonalis

NORTH AFRICA (?):

Olethreutes leucotreta (?)

NORTHERN IRELAND:

Steneotarsonemus laticeps

NORWAY:

Argyresthia conjugella

Phytomyza rufipes

OKINAWA:

Brevipalpus inornatus

Parlatoria zizyphus

PALESTINE:

Ceratitis capitata (?)

PANAMA:

Anastrepha mombinpraeoptans

Anastrepha striata

Ancylostomia stercorea

Cosmopolites sordidus

Furcaspis biformis

Leucaspis cockerelli

Metamastus sericeus

Mecolaemus carpalhoi (?)

Pinnaspis buzi

Stenoma catenifer

Vinsonia stellifera

PERU:

Anastrepha serpentina

Deroceras reticulatum (?)

Pantomorus godmani

Tyrophagus infestans

PHILIPPINES:

Aonidiella inornata

Cosmopsaltria fuliginosa

Cylas formicarius ssp.

Dacus dorsalis

Monomorium destructor

Nephotettix apicalis

Pachybrachius neitneri

Parlatoria zizyphus

Pseudococcus halli (tentative)

Pseudococcus saiponensis

Unaspis yanonensis

PHILIPPINES (?):

Coptotermes formosanus

PORTUGAL:

Bruchus luteicornis

Ceratitis capitata

Dacus oleae

Glycyphagus domesticus

Haplothrips cottei

Laspeyresia splendana

Limax marginatus

Limothrips cerealium

Parlatoria camelliae

Rhagoletis cerasi

Taeniothrips dianthi

Theba pisana

PUERTO RICO:

Anastrepha mombinpraeoptans

Cylas formicarius elegantulus

Furcaspis biformis

Maruca testulalis

Platynota rostrana

"Targionia" sacchari

ST. CROIX:

Pectinophora gossypiella

ST. KITTS:

Haplothrips gowdeyi

Microcephalothrips abdominalis

Selenothrips rubrocinctus

"Targionia" hartii

ST. LUCIA:

Vinsonia stellifera

ST. MARTIN:

Pseudoaonidia trilobitiformis

SALVADOR:

Anastrepha mombinpraeoptans

Anastrepha serpentina

Anastrepha striata

Aulacaspis mangiferae

Stenoma catenifer

Countries of Origin and Insects—Continued

SCOTLAND:

Brachyrhinus singularis
Frankliniella intonsa
Limothrips cerealium
Livia juncorum
Megastigmus pinuspinus
Micrelus ericae
Oryzophilus allariis
Platythrips tunicatus
Taeniothrips atratus
Taeniothrips ericae
Taeniothrips vulgarissimus
Thrips flavus
Thrips fuscipennis
Thrips major

SOUTH AMERICA:

Ceratitis capitata (?)
Frankliniella schultzei

SPAIN:

Acerolepia assectella
Brachycerus algius
Brevipalpus oudemansi
Ceratitis capitata
Curculio elephas
Frankliniella tenuicornis
Gnorimoschema ocellatella
Gortyna flavago
Laspeyresia splendana
Melopoplax ditomoides
Parlatoria zizyphus
Sitona lineata
Theba pisana

SPAIN (?):

Cryptoblabes gnidiella

STRAITS SETTLEMENTS:

Tyrophagus infestans
Vinsonia stellifera

SWEDEN:

Argyresthia conjugella
Dryocoetes autographus
Ernobius mollis
Frankliniella intonsa
Hylurgops palliatus
Limothrips denticornis
Taeniothrips atratus
Taeniothrips vulgarissimus

SWITZERLAND:

Frankliniella intonsa
Grapholitha molesta
Laspeyresia splendana
Limothrips cerealium
Molorchus minor
Psylla rhododendri
Rhagoletis cerasi
Taeniothrips ericae
Taeniothrips picipes
Thrips flavus

THAILAND:

Cylas formicarius ssp.
Cylas formicarius formicarius
Gnaphalocroci medinalis
Parlatoria zizyphus

TORTOLA:

Anastrepha mombinpraeoptans
Ancylostomia stercora
Aspidiotus destructor
Coccus viridis
Cylas formicarius elegantulus
Frankliniella williamsi

Haplothrips gowdeyi

Nezara viridula

Peregrinus maidis

"*Targionia*" *hartii*

TRINIDAD:

Anastrepha mombinpraeoptans
Aspidiotus destructor
Asterolecanium epidendri
Microcephalothrips abdominalis
Monomorium destructor
Protopulvinaria pyrififormis
Pseudaonidia trilobitiformis
Vinsonia stellifera

TURKEY:

Bruchidius gilvus

UNION OF SOUTH AFRICA:

Aplocnemus aerosus
Bruchus lentis
Callosobruchus analis
Ceratitis capitata
Epichorista ionephala
Frankliniella schultzei
Glycyphagus domesticus
Haplothrips gowdeyi
Heterobostrychus brunneus
Ischnodemus diplopterus
Leptidiella brevipennis
Lyctus africanus
Nezara viridula
Olethreutes leucotreta
Phlyctinus callosus

UNKNOWN:

Adoretus sinicus
Anastrepha serpentina
Aphthona nanyoensis
Bruchus lentis
Cassida circumdata
Ceratitis capitata
Chrysobothris adelpha
Dacus cucurbitae
Parlatoria zizyphus
Peridroma margaritosa
Petrochroa dimorpha
Rhagoletis cerasi
Sybra alternans
Taeniothrips atratus
Taeniothrips dianthi
Taeniothrips ericae
Tetranychus telarius
Trogoderma boron

VENEZUELA:

Anastrepha fraterculus
Aulacaspis mangiferae
Bephrata maculicollis
Chrysomphalus umboniferus
Eurytoma orchidearum
Lygaeus guatemalanus
Mormidea pictiventris
Selenothrips rubrocinctus
Stenomma catenifer

WALES:

Neuroterus quercus-baccarum

WEST PACIFIC:

Nephotettix apicalis

WEST PACIFIC (?):

Dacus dorsalis

YUGOSLAVIA:

Frankliniella intonsa
Leucaspis pusilla
Systole geniculata

Pests collected and reported from July 1, 1955, through June 30, 1956

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Alternaria citri</i> Ell. & Pierce:					
<i>Citrus sinensis</i> (orange).....	Italy (?).....	1	---	---	Pa.
<i>Alternaria dianthi</i> F. L. Stevens & J. G. Hall:					
<i>Dianthus</i> sp. (carnation).....	Israel, Japan, Spain.....	2	1	---	Hawaii, Mass., N. Y.
<i>Anthostomella keissleri</i> Cash & Watson:					
<i>Epidendrum</i> sp. (orchid).....	Cuba.....	---	---	1	Fla.
Orchid.....	Mexico.....	---	---	1	Tex.
<i>Asperisporium caricae</i> (Speg.) Maubl.:					
<i>Carica papaya</i> (papaya).....	Cuba.....	---	1	---	Mass.
† <i>Asterosporium hoffmanni</i> Kunze:					
<i>Fagus</i> sp. (beech).....	Austria.....	---	---	1	N. J.
<i>Botryosphaeria ribis</i> Gross. & Dug.:					
<i>Persea americana</i> (avocado).....	Mexico.....	1	---	---	Tex.
† <i>Cercospora canescens</i> Ell. & G. Martin:					
<i>Phaseolus lunatus macrocarpus</i> (lima bean).....	St. Kitts.....	1	---	---	St. Thomas and St. John.
† <i>Cercospora citrullina</i> Cke.:					
<i>Cucumis melo cantalupensis</i> (cantaloupe).....	Venezuela.....	---	1	---	St. Thomas and St. John.
<i>Cercospora coffeicola</i> Berk. & Cke.:					
<i>Coffea</i> sp. (coffee).....	Brazil, Mexico.....	1	---	1	La., Tex.
† <i>Cercospora cypripedii</i> Ell. & Dearn.:					
Orchid.....	Mexico.....	---	---	1	Tex.
<i>Stanhoea</i> sp. (orchid).....	do.....	---	---	1	Tex.
<i>Cercospora gossypina</i> Cke.:					
<i>Gossypium</i> sp. (cotton).....	do.....	1	---	---	Tex.
<i>Cercospora musae</i> Zimm.:					
<i>Musa paradisiaca sapientum</i> (banana).....	Mexico.....	1	---	---	Calif.*
<i>Musa</i> sp.....	Puerto Rico.....	1	---	---	Ill.
<i>Cercospora neriella</i> Sacc.:					
<i>Nerium oleander</i> (oleander).....	Bermuda.....	---	---	2	N. Y.
† <i>Cercospora primulae</i> Pautr.:					
<i>Primula</i> sp. (primrose).....	Canada.....	---	---	1	Wash.
<i>Cercospora purpurea</i> Cke.:					
<i>Persea americana</i> (avocado).....	Mexico.....	1	---	---	Calif.
<i>Cerebella andropogonis</i> Ces.:					
<i>Panicum swynertonii</i>	Kenya.....	---	---	1	D. C.
<i>Panicum</i> sp.....	Rhodesia.....	---	---	1	D. C.
<i>Paspalum</i> sp.....	Australia.....	---	---	1	S. C.
<i>Chrysomya ledi</i> d By. var. <i>rhododendri</i> (d By.) Savile:					
<i>Loiseleuria procumbens</i> (alpine azalea).....	Switzerland.....	---	---	1	Mass.
<i>Rhododendron fauriei</i>	Japan.....	---	---	1	D. C.
<i>Rhododendron ferrugineum</i>	Switzerland.....	8	---	2	Calif.*, N. J., N. Y., Oreg.
<i>Rhododendron hirsutum</i>	do.....	2	---	---	N. J.
<i>Rhododendron</i> sp.....	do.....	1	---	---	Mich.
<i>Cladosporium oryzae</i> Sacc. & Syd.:					
<i>Oryza sativa</i> (rice).....	Japan.....	1	---	---	Calif.*
<i>Colletotrichum arecae</i> Syd.:					
<i>Areca cathecu</i> (betel palm).....	Guam.....	3	---	---	Hawaii, Tex.
† <i>Colletotrichum cliviae</i> (Oud.) Petrak:					
<i>Clivia</i> sp.....	Belgium.....	---	---	1	N. J.
<i>Colletotrichum dieffenbachiae</i> Verpl. & Van den Broecke:					
<i>Dieffenbachia</i> sp.....	Mexico.....	---	---	1	Tex.
† <i>Colletotrichum dracaenae</i> Allesch.:					
<i>Dracaena sanderiana</i>	Trinidad.....	---	---	1	P. R.
† <i>Colletotrichum graminicola</i> (Ces.) G. W. Wils.:					
<i>Triticum aestivum</i> (wheat).....	Brazil.....	---	1	---	P. R.
<i>Colletotrichum trichellum</i> Duke:					
<i>Hedera helix</i> (English ivy).....	Germany.....	---	---	1	N. Y.
† <i>Colletotrichum zingiberis</i> Butler & Bisby:					
<i>Zingiber officinale</i> (ginger).....	China.....	1	---	---	Calif.*
<i>Coniothyrium cytisellum</i> (Pass. & Thuem.) Sacc.:					
<i>Laburnum watereri</i>	Netherlands.....	---	---	7	N. J.
<i>Coniothyrium pirinum</i> (Sacc.) Sheldon:					
<i>Malus sylvestris</i> (apple).....	Mexico, †New Zealand.....	2	---	---	N. Y., Tex.

See footnotes at end of table.

Pests collected and reported from July 1, 1955, through June 30, 1956—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Cumminsella sanguinea</i> (Pk.) Arth.:					
<i>Mahonia aquifolium moseri</i>	Netherlands.....			1	N. J.
<i>Mahonia aquifolium ricari</i>	do.....			1	N. J.
<i>Curculia lunata</i> (Wakk.) Boed.:					
<i>Ananas comosus</i> (pineapple).....	Mexico.....	1			Tex.
<i>Cucumis sativus</i> (cucumber).....	do.....	1			Tex.
<i>Euryales sylvestris</i>	Philippines.....			1	Calif.*
<i>Cylindrocarpus mali</i> (Allesch.) Wr.:					
<i>Malus sylvestris</i> (apple).....	Netherlands, New Zealand.....		2		Pa.
† <i>Daphne mosaic virus</i> :					
<i>Daphne</i> spp.....	England.....			1	N. J.
<i>Dendryphium obtusum</i> F. Pollack:					
<i>Colocasia esculenta</i> (dasheen).....	China.....	1			Calif.*
† <i>Diaporthe citri</i> (Fawc.) Wolf:					
<i>Citrus paradisi</i> (grapefruit).....	Ecuador.....		1		Tex.
<i>Diaporthe eres</i> Nits.:					
<i>Wisteria sinensis alba</i> (white Chinese wisteria).....	Netherlands.....			1	N. J.
† <i>Didymosphaeria opulenta</i> (de N.) Sacc.:					
<i>Pachycereus marginatus</i> (organpipe cactus).....	Mexico.....			1	Ariz.
† <i>Diplodia circinans</i> Ell. & Ev.:					
<i>Yucca elephantipes</i> (bulbstem yucca).....	do.....			1	Ariz.
<i>Diplodina euhododendri</i> Voss:					
<i>Rhododendron laetevirens</i>	Netherlands.....			1	N. J.
<i>Rhododendron</i> sp.....	do.....			1	N. J.
<i>Discosia arctocreas</i> Fr.:					
<i>Paeonia suffruticosa</i> (tree peony).....	Japan.....			3	Calif.*
<i>Elsinoe australis</i> Bitanc. & Jenkins:					
<i>Citrus aurantifolia</i> (sour lime).....	Brazil.....		1		Mass.
<i>Citrus limon</i> (lemon).....	Argentina, Brazil.....		15		Calif.* La., Md., Mass., N. Y., Pa., Tex.
<i>Citrus paradisi</i> (grapefruit).....	Brazil.....		2		N. Y., Pa.
<i>Citrus reticulata</i> (Mandarin orange).....	Argentina, Brazil.....	1	1		La., N. Y.
<i>Citrus sinensis</i> (orange).....	Argentina, Brazil, unknown.....	2	52		Ala., Calif.*, La., Md., Mass., N.Y., Pa., P. R., St. Thomas and St. John, Tex.
<i>Elsinoe fawcetti</i> Bitanc. & Jenkins:					
<i>Citrus aurantifolia</i> (sour lime).....	Philippines.....	1			Wash.
<i>Elsinoe mangiferae</i> Bitanc. & Jenkins:					
<i>Mangifera indica</i> (mango).....	Mexico.....	2			Tex.
<i>Entyloma oryzae</i> Syd. & P. Syd.:					
<i>Oryza sativa</i> (rice).....	India.....	1			Ill.
† <i>Erysiphe polygoni</i> DC.:					
<i>Pisum</i> sp.....	Peru.....		1		Calif.*
<i>Eudarlucia australis</i> Speg.:					
<i>Chrysanthemum</i> sp.....	Japan.....	1			Hawaii.
† <i>Fusarium oxysporum</i> Schlecht. f. <i>nicotianae</i> (J. Johnson) Snyder & Hanson:					
<i>Nicotiana tabacum</i> (tobacco).....	Dominican Republic.....			1	P. R.
<i>Fusicladium pirinum</i> (Lib.) Fekl.:					
<i>Pyrus communis</i> (pear).....	France.....		1		St. Thomas and St. John.
<i>Pyrus</i> sp.....	Australia.....	1			Hawaii.
<i>Gloeosporium elasticum</i> (Thuem.) Cke. & Mass.:					
<i>Ficus elastica</i> (India rubber tree).....	Mexico.....			1	Tex.
† <i>Gloeosporium limeticolum</i> Clausen:					
<i>Citrus aurantifolia</i> (sour lime).....	Ecuador.....		1		Wash.
† <i>Gloeosporium mangiferae</i> Del.:					
<i>Mangifera indica</i> (mango).....	Philippines.....	1			Hawaii.
<i>Gloeosporium olivarum</i> Alm.:					
<i>Olea europaea</i> (olive).....	Italy.....	1			N. Y.
† <i>Guignardia traversi</i> Cav.:					
<i>Stanhopea</i> sp. (orchid).....	Canal Zone.....			1	Hawaii.
<i>Gymnosporangium clavipes</i> Cke. & Pk.:					
<i>Crataegus oxyacantha</i> (English hawthorn).....	Netherlands.....			1	N. J.

See footnotes at end of table.

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Gymnosporangium harae</i> Syd.:					
<i>Juniperus chinensis</i> (Chinese juniper).....	Japan.....			1	Hawaii.
<i>Gymnosporangium juniperi</i> Lk. (?):					
<i>Sorbus aucuparia</i> (European mountain-ash).....	Sweden.....			1	N. J.
† <i>Helicotylenchus nannus</i> Steiner:					
Cactus plant.....	Italy.....			1	N. Y.
<i>Oreocereus trollii</i> (cactus).....	Canada.....			1	N. J.
<i>Portulaca grandiflora</i> (portulaca).....	Mexico.....			1	Tex.
Soil.....	Bermuda.....		1		Fla.*
† <i>Hendersonia coffeae</i> Del.:					
<i>Coffea</i> sp. (coffee).....	Mexico.....	1			Calif.*
<i>Hendersonia epidendri</i> Keissl.:					
<i>Epidendrum nervosum</i> (orchid).....	do.....			1	Fla.
Orchid.....	Guatemala.....			1	Tex.
† <i>Hendersonia importata</i> Allesch.:					
<i>Oncidium</i> sp. (orchid).....	Mexico.....			1	Tex.
† <i>Hendersonia yuccae</i> Kickx:					
<i>Yucca</i> sp.....	do.....			1	Ariz.
<i>Heterodera avenae</i> Eidam:					
Soil.....	England.....	2			Ala.
Soil with artichoke roots.....	Italy.....	1			N. Y.
Soil with automobiles.....	Denmark, England, Germany, Belgium.....	10			N. Y.
Soil with bagging.....	Italy.....	1			Mass.
Soil with bay tree.....	Italy.....			1	N. Y.
Soil with dried seed beans.....	†Brazil.....			1	N. Y.
Soil with fig tree.....	Italy.....			1	N. Y.
Soil with fig and olive trees.....	do.....			1	N. Y.
Soil with fuchsia plant.....	†Austria.....			1	N. Y.
Soil with garlic.....	Italy.....	3			N. Y.
Soil with ivy plants.....	Germany.....			2	N. Y.
Soil with oleander plant.....	Austria.....			1	N. Y.
Soil with onions.....	Italy.....	1			N. Y.
Soil with unknown plant.....	Germany.....			1	N. Y.
Soil with portulaca plant.....	Italy.....			1	N. Y.
Soil with rose plant.....	Greece.....			1	N. Y.
Soil with snails.....	Tunisia.....	1			N. Y.
Soil with strawberry roots.....	Germany.....			1	N. J.
Soil with tuberose bulb.....	Israel.....			1	N. Y.
Soil with tulip bulb.....	Spain.....			1	N. Y.
<i>Heterodera cacti</i> Filip. & Schurr. Stek.:					
Soil.....	Mexico.....	2			Tex.
Soil with anthurium roots.....	do.....			1	Tex.
Soil with begonia plants.....	do.....			1	Tex.
Soil with bougainvillea cuttings.....	do.....			1	Tex.
Soil with cacti plants.....	Algeria, Canada, England, Germany, Italy, Japan, Mexico.....	4		32	Ariz., N. J., Tex.
Soil with cacti and succulent roots.....	England.....			1	N. J.
Soil with <i>Echeveria</i> sp. (?).....	Mexico.....	1			Tex.
Soil with geranium plants.....	do.....			1	Tex.
Soil with <i>Gymnocalycium</i> sp. roots.....	Canada.....			2	N. J.
Soil with <i>Mammillaria elegans</i> var. roots.....	Canada (?).....			1	N. J.
Soil with <i>Mammillaria</i> spp. roots.....	Argentina.....			1	Calif.*
Soil with mint plants.....	Mexico.....			1	Ariz.
Soil with <i>Opuntia microdasys</i> roots.....	Canada.....			1	N. J.
Soil with unknown plants.....	Mexico.....	4		7	Ariz., Tex.
Soil with potatoes.....	do.....			2	Tex.
Soil with resurrection and cacti plants.....	do.....			1	Tex.
Soil sweepings from box car.....	do.....			1	Tex.
† <i>Heterodera cruciferae</i> Franklin (?):					
Soil with lily bulbs.....	Japan.....			1	N. Y.
† <i>Heterodera fici</i> Kirjanova:					
Soil with fig roots.....	Italy.....	2		2	N. J., N. Y.
Soil with fig and carnation plants.....	do.....			1	Ill.
Soil with fig and grape cuttings.....	Portugal.....			1	N. Y.
Soil with India rubber tree roots.....	Germany.....			1	N. Y.

See footnotes at end of table.

Pests collected and reported from July 1, 1955, through June 30, 1956—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Heterodera fici</i> Kirjanova (?): Soil with tree roots—probably <i>Citrus</i> sp.	Argentina			1	Fla.
<i>Heterodera humuli</i> Filip.: Soil with hop roots	Switzerland			2	N. Y.
<i>Heterodera punctata</i> Thorne: Soil	Ireland	1			Mass.
Soil ballast	Iceland		1		N. Y.
Soil with automobiles	England, Germany, Ireland	9			N. Y., Pa.
Soil with cyclamen plant	England		1		N. Y.
Soil with dahlia tubers	Italy		1		N. Y.
Soil with fern and philodendron plants	Mexico		1		Ariz.
Soil on flat car	do.		1		Tex.
Soil with <i>Galanthus</i> sp. bulbs	Germany		1		N. Y.
Soil with geranium plants	Netherlands		1		N. Y.
Soil with gladiolus corms	Ireland		1		N. Y.
Soil with horseradish	Germany	1			N. Y.
Soil with ivy plants	do.		1		N. Y.
Soil with myrtle plant	do.		1		N. Y.
Soil with narcissus bulbs	do.		1		N. Y.
Soil with unidentified plants	Austria, Germany, Mexico, Sweden, Switzerland			6	N. Y., Pa., Tex.
Soil with primrose plant	England		1		N. Y.
Soil with shamrock plant	Ireland	1			D. C.
<i>Heterodera rostochiensis</i> Wr.: Soil with acacia tree	Mexico			1	Tex.
Soil with anthurium cuttings	do.			2	Tex.
Soil with automobiles	England, Ireland	2			N. Y.
Soil with beech cuttings and potato tubers	England		1		N. Y.
Soil with carnation, geranium, begonia, and clover plants	Germany		1		N. Y.
Soil with celery	England		1		Wash.
Soil with <i>echeveria</i> (?)	Mexico	1			Tex.
Soil with garlic	Argentina, Peru	4			N. Y.
Soil with geranium plants	Unknown		1		N. Y.
Soil with heather plants	Scotland		1		N. Y.
Soil with lily-of-the-valley pips	England, Germany		2		Calif., N. J.
Soil with maidenhair fern	England		1		N. Y.
Soil with narcissus bulbs	do.		1		Md.
Soil with pine seedlings	Germany		1		N. Y.
Soil with an unknown plant	Mexico		1		Tex.
Soil with potatoes	Argentina, England, Peru		4		La., Md., N. Y., Tex.
† <i>Lembosia cactorum</i> Tracy & Earle (?): Cactus	Mexico			1	Ariz.
"Leprosis": <i>Citrus limon</i> (lemon)	do.		1		Calif.*
<i>Citrus paradisi</i> (grapefruit)	do.	2			Tex.
<i>Citrus reticulata</i> (Mandarin orange)	do.	1			Tex.
<i>Citrus sinensis</i> (orange)	do.	2			Ariz., Calif.*
† <i>Leptosphaeria niessleana</i> Rabh (?): Orchid	do.			1	Ariz.
<i>Leptosphaeria rusci</i> Sacc.: <i>Ruscus</i> sp. (butchersbroom)	Italy	4			Pa.
<i>Lophodermium pinastri</i> (Fr.) Chev.: <i>Pinus</i> sp. (pine)	Scotland	1			Hawaii.
<i>Lophodermium pinastri</i> (Fr.) Chev. (?): <i>Pinus</i> sp. (pine)	Mexico	1			Tex.
† <i>Macrophoma araucariae</i> De Lac.: <i>Araucaria excelsa</i> (Norfolk-Island-pine)	Spain			1	Calif.*
<i>Macrophoma musae</i> (Cke.) Berl. & Vogl.: <i>Musa paradisica sapientum</i> (banana)	Mexico	1			Calif.*
<i>Musa</i> sp.	Japan		1		Hawaii.
† <i>Marssonina fragariae</i> (Sacc.) Kleb.: <i>Fragaria</i> sp. (strawberry)	Germany			1	Mich.
† <i>Marssonina rosae</i> (Lib.) Lind.: <i>Rosa</i> sp.	Mexico			1	Tex.
† <i>Melampsoridium betulinum</i> (Pers.) Kleb.: <i>Betula pendula</i> young	Canada			1	Wash.

See footnotes at end of table.

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Melanospora zamiae</i> Cda.:					
<i>Nicotiana tabacum</i> (tobacco).....	Dominican Republic.....			1	P. R.
<i>Zingiber officinale</i> (ginger).....	China.....	2	1		Calif.*
† <i>Meliolina haplochaeta</i> Syd.:					
<i>Metrosideros vilosa</i>	Hawaii.....	1			Hawaii.
<i>Meloidogyne arenaria</i> (Neal) Chitwood:					
<i>Alocasia</i> sp.....	Mexico.....			1	Tex.
<i>Alstonia constricta</i>	†Australia.....			1	Calif.*
Cacti.....	†Canada.....			1	N. J.
<i>Caladium candidum</i>	†Guatemala.....			1	N. J.
<i>Mammillaria wildii cristata</i> (cactus).....	Canada.....			1	N. J.
<i>Oreocereus trollii</i> (cactus).....	do.....			1	N. J.
<i>Philodendron</i> sp.....	†Hawaii.....			1	Hawaii.
<i>Meloidogyne hapla</i> Chitwood:					
<i>Amorphophallus</i> sp.....	Netherlands.....			1	N. J.
<i>Begonia</i> sp.....	†Brazil, Mexico.....			3	N. Y., Tex.
<i>Kohleria picta</i>	Netherlands.....			1	N. J.
† <i>Meloidogyne hapla</i> Chitwood (?):					
<i>Beta vulgaris</i> (beet).....	Israel.....		1		Pa.
<i>Meloidogyne incognita</i> (Kofoid & White) Chitwood:					
<i>Astrophytum ornatum</i> (cactus).....	†Canada.....			1	N. J.
<i>Begonia</i> sp.....	†Trinidad.....			1	N. Y.
<i>Celosia argentea</i> (feather cockscomb).....	Mexico.....			1	Tex.
<i>Daucus carota</i> (carrot).....	do.....	1			Tex.
<i>Polianthes tuberosa</i> (tuberose).....	Italy.....			3	N. Y.
<i>Rhododendron</i> sp.....	Mexico.....			1	Tex.
<i>Meloidogyne incognita</i> (Kofoid & White) Chitwood <i>acrita</i> Chitwood:					
<i>Alocasia</i> sp.....	do.....			1	Tex.
<i>Begonia</i> sp.....	do.....			1	Tex.
<i>Beta vulgaris</i> (beet).....	†Brazil, †Egypt, †Mexico.....	1	2		Pa., Tex.
<i>Daucus carota</i> (carrot).....	Mexico.....	1			Tex.
<i>Mammillaria wildii cristata</i> (cactus).....	†Canada.....			1	N. J.
<i>Oreocereus trollii</i> (cactus).....	do.....			1	N. J.
<i>Ornithogalum arabicum</i>	Union of South Africa.....			1	N. Y.
<i>Polianthes</i> sp.....	†Syria.....			1	N. J.
Soil with fig roots.....	†Italy.....			1	N. Y.
<i>Solanaceae</i> (?).....	†China.....			1	Wash.
<i>Solanum tuberosum</i> (potato).....	Brazil, †Chile, †Cuba, Mexico.....	1	5		N. Y., Pa.
<i>Washingtonia</i> sp. (palm).....	Mexico.....			1	Tex.
<i>Meloidogyne javanica</i> (Treub.) Chitwood:					
<i>Asparagus myriocladus</i>	Japan.....			2	Calif.*, Wash.
<i>Colocasia esculenta</i> (dasheen).....	†Greece.....	1			N. Y.
<i>Echinocactus grandis</i> (cactus).....	†Mexico.....			1	Tex.
<i>Mammillaria schiedeana</i> (cactus).....	†Canada.....			1	N. J.
<i>Polianthes tuberosa</i> (tuberose).....	†Italy.....			5	N. Y.
<i>Polianthes</i> sp.....	do.....			1	N. J.
<i>Zantedeschia aethiopica</i> (calla lily).....	France, Italy.....			4	N. J.
<i>Zantedeschia</i> sp.....	†Union of South Africa.....			1	N. J.
<i>Monilinia fructigena</i> (Aderh. & Ruhl.) Honey:					
<i>Prunus domestica</i> (plum).....	France.....	1			Pa.
<i>Prunus</i> sp. (cherry).....	Germany.....	3			Pa.
† <i>Mycosphaerella alyziae</i> Petrak:					
<i>Alyzia olivaeformis</i>	Hawaii.....	1			Hawaii.
† <i>Mycosphaerella anthurii</i> Miles:					
<i>Anthurium</i> sp.....	Mexico.....			1	Tex.
<i>Mycosphaerella cattleyae</i> Cash & Watson:					
<i>Cattleya skinneri</i> (orchid).....	do.....			1	Tex.
<i>Epidendrum radicans</i> (orchid).....	Costa Rica.....			1	Fla.
<i>Epidendrum</i> sp.....	Mexico.....			1	Tex.
<i>Laelia anceps</i> (orchid).....	do.....			2	Tex.
Orchid.....	Mexico, Salvador.....			3	Tex.
<i>Sobralia</i> sp. (orchid).....	Mexico.....			2	Tex.
<i>Mycosphaerella clintoniana</i> House:					
<i>Rhododendron</i> sp.....	Netherlands.....			1	N. J.
<i>Mycosphaerella coffeicola</i> (Cke.) Stevenson & Wellman:					
<i>Coffea</i> sp. (coffee).....	Mexico.....	1			Tex.

See footnotes at end of table.

Pests collected and reported from July 1, 1955, through June 30, 1956—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Mycosphaerella fragariae</i> (Tul.) Lindau: Fragaria sp. (strawberry).....	Germany.....	---	---	1	Pa.
<i>Mycosphaerella hondai</i> Miyake: Oryza sativa (rice).....	Japan.....	1	---	---	Calif.*
<i>Mycosphaerella palmarum</i> Miles: Chamaedorea sp. (palm).....	Mexico.....	1	---	---	Tex.
<i>Mycosphaerella schoenoprasii</i> (Rab.) Schroet.: Allium fistulosum (Welsh onion).....	Japan.....	---	17	---	Pa.
<i>Myriangium duriae</i> Mont. & Berk.: Citrus sinensis (orange).....	Mexico.....	1	---	---	Tex.
<i>Myrothecium roridum</i> Fr.: Perocactus sp. (barrel cactus).....	do.....	---	---	1	Ariz.
<i>Omphalia flavida</i> (Cke.) Maubl. & Rangel: Gardenia augusta (gardenia).....	do.....	---	---	1	Tex.
Gardenia sp.....	Japan, Mexico.....	1	---	1	Calif.*
<i>Oospora pustulans</i> Owen & Wakef.: Solanum tuberosum (potato).....	England.....	---	1	---	N. Y.
† <i>Ophiodesella orchidearum</i> Cash & Watson: Epidendrum sp. (orchid).....	Cuba.....	---	---	1	Fla.
<i>Ophiostoma narcissi</i> Limber: Narcissus sp.....	Ireland.....	---	---	1	Calif.*
<i>Papulaspora parasitica</i> (Eidam) Harz.: Gladiolus sp.....	Japan.....	---	---	1	Calif.*
Lilium auratum (goldband lily).....	do.....	---	---	1	Calif.*
<i>Paranthostomella micropora</i> Cash & Watson: Laelia anceps (orchid).....	Mexico.....	---	---	1	Tex.
<i>Pestalotia conspicua</i> Servazzi: Dendrobium johnsoniae (orchid).....	Australia.....	---	---	1	Hawaii.
Dendrobium sp.....	†Indonesia.....	---	---	1	Hawaii.
Epidendrum schumannianum (orchid).....	Canal Zone.....	---	---	1	Hawaii.
Laelia anceps (orchid).....	Mexico.....	---	---	1	Tex.
Laelia sp.....	do.....	---	---	1	Tex.
Odontoglossum sp. (orchid).....	Brazil.....	---	---	1	Wash.
Stanhopea tigrina (orchid).....	Mexico.....	---	---	1	Tex.
Stanhopea sp.....	do.....	---	---	1	Tex.
† <i>Pestalotia psidii</i> Pat.: Psidium guajava (guava).....	do.....	5	---	---	Ariz., Tex.
<i>Phlebospora pistaciae</i> Petr.: Pistacia sp. (pistache).....	Lebanon.....	2	---	---	Mass., N. Y.
Phoma acicola (Lev.) Sacc.: Pinus sp. (2-leaved pine).....	Yugoslavia.....	1	---	---	Mass.
<i>Phoma citricarpa</i> McAlp.: Citrus grandis.....	Union of South Africa.....	---	1	---	Mass.
Citrus limon (lemon).....	Australia, †Portugal, unknown.....	1	2	---	Hawaii, N. Y., Tex.
Citrus paradisi (grapefruit).....	†British East Africa, †Egypt, †Pakistan, Union of South Africa.....	1	5	---	Hawaii, Mass., N. Y., Pa.
Citrus reticulata (Mandarin orange).....	China, Formosa, †Indo-China, Japan, Philippines, Union of South Africa.....	44	7	---	Calif.*, Hawaii, Mass., Pa., Wash.
Citrus sinensis (orange).....	Australia, Brazil, China, Fiji Islands, Japan, Philippines, Union of South Africa.....	33	23	---	Calif.*, Hawaii, Md., Mass., N. Y., Pa., Tex.
Citrus sp.....	China, Hawaii, Philippines, unknown.....	11	---	---	Hawaii, Ill., Mass., Oreg.
Phoma limonii Thuem. (?): Citrus aurantifolia (sweet lime).....	Mexico.....	1	---	---	Tex.
Phomopsis capsici (Magn.) Sacc.: Capsicum frutescens (pepper).....	Puerto Rico.....	1	---	---	P. R.
† <i>Phomopsis occulta</i> Trav. var. <i>ginkgoina</i> Grove: Ginkgo biloba (ginkgo).....	Japan.....	---	---	1	Calif.*
<i>Phomopsis orchidophila</i> Cash & Watson: Coelogyne barbatula (orchid).....	India.....	---	---	1	Calif.*
Epidendrum sp. (orchid).....	Canal Zone.....	---	---	1	Hawaii.
Orchid.....	†Trinidad.....	1	---	---	P. R.
<i>Phomopsis palmicola</i> (Wint.) Sacc.: Trachycarpus fortunei (palm).....	†Japan.....	---	1	---	Pa.

See footnotes at end of table

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
‡ <i>Phomopsis semiimmersa</i> (Sacc.) Trav.:					
<i>Crataegus oxyacantha</i> Pauls Scarlet	Netherlands			1	N. J.
‡ <i>Phomopsis sidae</i> Trav. (?):					
<i>Sida retusa</i>	India			1	N. J.
<i>Phragmidium disciflorum</i> (Tode) James:					
<i>Rosa</i> sp.	Italy			2	Mass.
† <i>Phyllachora engleri</i> Speg.:					
<i>Anthurium</i> sp.	Colombia			1	Fla.
† <i>Phyllachora graminis</i> (Fr.) Fckl.:					
Grass—unidentified	Portugal		1		Mass.
† <i>Phyllachora maydis</i> Maubl.:					
<i>Zea mays</i> (corn)	Mexico	1			Calif.*
† <i>Phyllosticta laeliae</i> Keissl.:					
Orchid	British Guiana			1	Fla.
<i>Phyllosticta nerii</i> West.:					
<i>Nerium oleander</i> (oleander)	Bermuda			1	N. Y.
<i>Phyllosticta ruscicola</i> Dur. & Mont.:					
<i>Ruscus</i> sp.	Italy	3			Pa.
<i>Phyllostictina mangiferae</i> Batista & Vital:					
<i>Mangifera indica</i> (mango)	Mexico	2			Ariz., Tex.
<i>Phyllostictina pyriformis</i> Cash & Watson:					
<i>Dendrobium musciferum</i> (orchid)	Australia			1	Hawaii.
<i>Dendrobium phalaenopsis</i>	do.			1	Calif.*
<i>Dendrobium schuetzei</i>	Philippines			1	Hawaii.
<i>Dendrobium</i> sp.	Australia, Hawaii			2	Hawaii.
<i>Epidendrum fragrans</i> (orchid)	Jamaica			1	Hawaii.
<i>Epidendrum</i> sp.	Mexico			2	Tex.
<i>Jacquinella</i> sp. (orchid)	Canal Zone			1	Hawaii.
<i>Laelia anceps</i> (orchid)	Mexico			1	Tex.
Orchid	Canal Zone, †Honduras, Mexico			3	P. R., Tex. Hawaii.
<i>Vanda</i> sp. (orchid)	†Straits Settlements			1	
<i>Physalospora wildemanniana</i> Sacc.:					
<i>Epidendrum</i> sp. (orchid)	Mexico			1	Tex.
<i>Physopella fici</i> (Cast.) Arth.:					
<i>Ficus carica</i> (fig)	do.			1	Tex.
† <i>Phytophthora citrophthora</i> (R. E. & E. H. Sm.) Leonian:					
<i>Citrus grandis</i> (pummelo)	Cuba	1			N. Y.
† <i>Phytophthora palmivora</i> Butl.:					
<i>Theobroma cacao</i> (cacao bean)	St. Lucia		1		P. R.
‡ <i>Pratylenchus brachyurus</i> (Godfrey) Goodey:					
<i>Begonia</i> sp.	Brazil			1	N. Y.
<i>Pratylenchus penetrans</i> (Cobb) Sher & Allen:					
<i>Clematis</i> sp.	†Netherlands			1	N. J.
<i>Lilium</i> sp. (lily)	New Zealand			1	Calif.*
<i>Pratylenchus pratensis</i> (de Man) Filip.:					
<i>Clematis</i> sp.	Netherlands			1	N. J.
† <i>Pratylenchus vulnus</i> Allen & Jensen:					
<i>Schlumbergera truncata</i> (Christmas cactus)	Germany			1	N. Y.
<i>Pseudomonas marginalis</i> (N. A. Brown) F. L. Stevens:					
<i>Cichorium endivia</i> (endive)	Belgium	1			N. Y.
<i>Pseudomonas savastanoi</i> (E. F. Sm.) F. L. Stevens:					
<i>Olea europaea</i> (olive)	Italy	1			Mass.
<i>Puccinia absinthii</i> DC.:					
<i>Artemisia albulula</i> (silvewking wormwood)	Bermuda	1			Mass.
<i>Artemisia</i> spp.	do.	1			N. Y.
† <i>Puccinia asparagi</i> DC.:					
<i>Asparagus officinalis</i> (asparagus)	Greece	1			Mass.
<i>Puccinia buzi</i> DC.:					
<i>Buxus sempervirens</i> (box)	England, †Italy		2	1	Mass., N. Y.
<i>Buxus</i> sp.	England		1		Mass.
<i>Puccinia chrysanthemi</i> Roze:					
<i>Chrysanthemum</i> sp.	Japan			1	Hawaii.
‡ <i>Puccinia erythraeensis</i> Paz.:					
<i>Hyparrhenia lintonii</i>	Kenya			1	D. C.
‡ <i>Puccinia exasperans</i> Holw.:					
<i>Bouteloua curtipendula</i>	Mexico	1			Ariz.
† <i>Puccinia heliconiae</i> (Diet.) Arth.:					
<i>Heliconia aureostriata</i>	Puerto Rico			1	P. R.

See footnotes at end of table.

Pests collected and reported from July 1, 1955, through June 30, 1956—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Puccinia horiana</i> P. Henn.: <i>Chrysanthemum</i> sp.	Japan	6	5	---	Hawaii, Wash.
† <i>Puccinia miscanthi</i> Miura: <i>Miscanthus</i> sp.	Japan	2	---	---	Hawaii.
<i>Puccinia ornithogali-thyrsoides</i> Diet.: <i>Ornithogalum thyrsoides</i> (chinkerichee)	Union of South Africa	3	---	---	N. Y.
<i>Puccinia phyllostachydis</i> Kus.: Bamboo	Japan	---	---	1	D. C.
† <i>Puccinia polysora</i> Underw.: <i>Zea mays</i> (corn)	Nigeria	---	1	---	Tex.
<i>Puccinia scripi</i> DC.: <i>Scirpus maritimus</i>	Portugal	7	---	---	Pa.
<i>Scirpus</i> sp.	do	5	---	---	Pa.
† <i>Puccinia urbaniana</i> P. Henn.: <i>Stachytarpheta jamaicensis</i>	Martinique	---	---	1	P. R.
† <i>Puccinia violae</i> (Schum.) DC.: <i>Viola</i> sp. (violet)	England	---	---	1	N. J.
† <i>Rotylenchus brachyurus</i> Steiner: Cactus	Italy	---	---	1	N. Y.
† <i>Rotylenchus bradys</i> (Steiner & Le Hew.) Filip.: <i>Dioscorea</i> sp. (yam)	Trinidad	1	---	---	N. Y.
<i>Sclerotiopsis testudinea</i> Dearn.: <i>Paeonia suffruticosa</i> (tree peony)	Japan	---	---	43	Calif.*
<i>Sclerotium cepivorum</i> Berk.: <i>Allium sativum</i> (garlic)	Italy	2	---	---	La.
† <i>Selenophoma donacis</i> (Pass.) Sprague & A. G. Johnson var. <i>stomaticola</i> (Baeumler) Sprague & A. G. Johnson: <i>Oryzopsis</i> sp.	Iran	---	---	1	D. C.
<i>Septobasidium pseudopedicellatum</i> Burt: <i>Citrus sinensis</i> (orange)	Brazil	---	2	---	Pa.
<i>Septonema intercalare</i> Cash & Watson: <i>Cymbidium</i> sp. (orchid)	†Australia	---	---	1	Calif.*
Orchid	Mexico	---	---	1	Ariz.
† <i>Septoria apiti</i> (Briosi & Cav.) Chester: <i>Apium graveolens</i> (celery)	Venezuela	---	---	1	St. Thomas and St. John.
<i>Septoria citri</i> Pass.: <i>Citrus limon</i> (lemon)	Argentina, Italy, unknown	7	---	---	Calif.*, Tex.
<i>Citrus medica</i> (citron)	†Israel	1	---	---	Tex.
<i>Citrus paradisi</i> (grapefruit)	†Paraguay	1	---	---	Calif.*
<i>Citrus sinensis</i> (orange)	Algeria, Italy, Spain, unknown	4	---	---	Calif.*, Hawaii, Pa., Tex.
† <i>Septoria petroselinii</i> Desm.: <i>Petroselinum crispum</i> (parsley)	Ireland	---	---	1	Mass.
† <i>Septoria sapotae</i> Batista: Sapote	Dominican Republic	---	---	1	P. R.
<i>Septoria selenophomoides</i> Cash & Watson: <i>Cattleya citrina</i> (orchid)	Mexico	---	---	1	Tex.
<i>Cymbidium devonianum</i> (orchid)	India	---	---	1	Calif.*
<i>Cypripedium</i> sp. (orchid)	do	---	---	1	N. J.
<i>Masdevallia chimaera</i> (orchid)	England	---	---	1	N. J.
<i>Odontoglossum</i> sp. (orchid)	Mexico	---	---	1	Tex.
<i>Oncidium varicosum rogersii</i> (orchid)	Brazil	---	---	1	N. J.
Orchid	Mexico	---	---	4	Calif.*, Tex.
<i>Septoria unedonis</i> Rob. & Desm.: <i>Arbutus unedo</i> (strawberry-tree)	Greece, †Ireland	1	---	1	Mass., Pa.
<i>Sphaceloma fauvelii</i> Bitanc. & Jenkins var. <i>scabiosa</i> (McAlp. & Tyron) Jenkins: <i>Citrus limon</i> (lemon)	Australia	---	---	3	Hawaii, Mass.
<i>Sphaceloma punicea</i> Bitanc. & Jenkins: <i>Punica granatum</i> (pomegranate)	Mexico	---	---	5	Ariz., Tex.
† <i>Sphaerella cerea</i> Sacc.: <i>Sorghum vulgare caffrorum</i> (kafir)	Union of South Africa	---	---	1	D. C.
<i>Stagonospora macrospora</i> (Dur. & Mont.) Sacc.: <i>Yucca</i> sp.	Mexico	---	---	1	Ariz.
† <i>Strickeria mammoidea</i> Ell. & Ev. var. <i>opuntiae</i> Dearn.: <i>Pachycereus marginatus</i> (organpipe cactus)	do	---	---	1	Ariz.
<i>Thielaviopsis basicola</i> (Berk. & Br.) Ferr.: <i>Phaseolus vulgaris</i> var. (string bean)	China	---	---	1	Calif.*

See footnotes at end of table.

Pests collected and reported from July 1, 1955, through June 30, 1956—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Tilletia caries</i> (DC.) Tul.:					
<i>Triticum aestivum</i> (wheat)-----	Turkey-----	1			D. C.
<i>Tilletia controversa</i> Kuehn:					
<i>Heteranthelium piliferum</i> -----	Iran-----			1	D. C.
† <i>Tilletia elymi</i> Diet. & Holw.:					
<i>Elymus</i> sp. (wild-rye)-----	do-----			1	D. C.
<i>Trematosphaerella oryzae</i> Miyake:					
<i>Oryza sativa</i> (rice)-----	Japan-----	1			Calif.*
<i>Tylenchorhynchus latus</i> Allen:					
Soil with lettuce-----	Egypt-----		1		Mass.
<i>Uredo behnickiana</i> P. Henn.:					
<i>Epidendrum prismatocarpum</i> (orchid)-----	Costa Rica-----			1	Fla.
<i>Odontoglossum</i> sp. (orchid)-----	Brazil-----			1	Wash.
<i>Phajus</i> sp. (orchid)-----	†Jamaica-----			1	Fla.
<i>Uredo epidendri</i> P. Henn.:					
<i>Epidendrum nocturnum</i> (orchid)-----	do-----			1	Fla.
<i>Epidendrum venosum</i> -----	do-----			1	Fla.
<i>Epidendrum</i> sp-----	Mexico-----			1	Tex.
<i>Uredo guacae</i> Mayor:					
<i>Epidendrum</i> sp-----	†Jamaica-----			1	Fla.
Orchid-----	†Honduras-----			1	Fla.
<i>Uredo guacae</i> Mayor (?):					
<i>Epidendrum</i> sp-----	Nicaragua-----			1	Fla.
<i>Polystachya</i> sp. (orchid)-----	Mexico-----			1	Fla.
<i>Zygopetalum burtti</i> (orchid)-----	Canal Zone-----			1	Fla.
‡ <i>Uredo nidularii</i> P. Henn. (?):					
<i>Tillandsia</i> sp-----	Mexico-----			1	Tex.
<i>Uredo nigropuncta</i> P. Henn. (?):					
<i>Epidendrum</i> sp-----	Jamaica-----			1	Fla.
<i>Uredo oncidii</i> P. Henn.:					
<i>Oncidium bicallosum</i> (orchid)-----	Guatemala-----			1	Fla.
<i>Oncidium cavendishianum</i> -----	do-----			1	Fla.
<i>Oncidium pulchellum</i> -----	†Jamaica-----			1	Fla.
<i>Oncidium splendidum</i> -----	Honduras-----	1			Fla.
<i>Oncidium</i> sp-----	Costa Rica, Honduras-----			3	Fla.
<i>Schomburgkia</i> sp. (orchid)-----	Ecuador-----			1	Hawaii.
<i>Uredo oncidii</i> P. Henn. (?):					
Orchid-----	Cuba-----			1	Fla.
<i>Urocystis gladiolicola</i> Ains.:					
<i>Gladiolus</i> sp-----	Netherlands-----			2	N. J.
<i>Uromyces alyziae</i> Arth.:					
<i>Alyzia olivaeformis</i> (maile)-----	Hawaii-----	8			Hawaii.
<i>Uromyces betae</i> (Pers.) Lev.:					
<i>Beta vulgaris</i> (beet)-----	Spain-----		1		Pa.
‡ <i>Uromyces janiphae</i> (Wint.) Arth.:					
<i>Manihot esculenta</i> (cassava)-----	Colombia-----		1		Pa.
<i>Uromyces lespedezae-procumbentis</i> (Schw.) Curt.:					
<i>Lespedeza bicolor</i> (bushclover)-----	Japan-----			1	Calif.*
<i>Lespedeza formosa</i> (bushclover)-----	do-----			1	Calif.*
<i>Lespedeza japonica</i> (Japanese bushclover)-----	do-----			1	Calif.*
‡ <i>Uromyces transversalis</i> (Thuem.) Wint.:					
<i>Gladiolus</i> sp-----	Union of South Africa-----	1			N. Y.
<i>Ustilago grandis</i> Fr.:					
<i>Phragmites communis</i> (reed)-----	Netherlands-----			1	Pa.
† <i>Venturia inaequalis</i> (Cke.) Wint. var. <i>cinerascens</i> (Fckl.) Aderh.:					
<i>Sorbus</i> sp. (mountain-ash)-----	Austria-----	1			Mass.
<i>Xanthomonas citri</i> (Hasse) Dows.:					
<i>Citrus aurantifolia</i> (sour lime)-----	Ceylon, India, Japan, Thailand-----		5		Calif.* Md., Mass.
<i>Citrus aurantium</i> (sour orange)-----	Japan-----		14		Calif.* Md., Pa., Tex., Wash.
<i>Citrus aurantium</i> var-----	do-----		2		Calif.*
<i>Citrus grandis</i> -----	Japan, Thailand-----		5		Calif.*
<i>Citrus x ichandarum</i> -----	Japan-----		1		Calif.*
<i>Citrus ichangensis</i> var-----	do-----		1		Calif.*
<i>Citrus limon</i> (lemon)-----	China, Japan-----	1	13		Calif.* Md., N. Y., Pa.

See footnotes at end of table.

Pests collected and reported from July 1, 1955, through June 30, 1956—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Citrus paradisi</i> (grapefruit)	Japan, Straits Settlements ..	---	4	---	Calif.*, Pa.
<i>Citrus reticulata</i> (Mandarin orange)	China, Japan, Philippines ..	5	9	---	Calif.*, Hawaii, Wash.
<i>Citrus sinensis</i> (orange)	China, Japan	32	38	---	Calif.*, Hawaii, Md., N. Y., Pa.
<i>Citrus sinensis junos</i>	Japan	---	2	---	Md., Pa.
<i>Xanthomonas citri</i> (Hase) Dows. (?):					
<i>Citrus aurantifolia</i> (sour lime)	do	---	1	---	Wash.
<i>Citrus limon</i> (lemon)	do	---	1	---	Wash.
<i>Citrus reticulata</i> (Mandarin orange)	do	1	---	---	Hawaii.
<i>Citrus sinensis</i> (orange)	do	1	---	---	Hawaii.
<i>Citrus</i> sp.	China	1	---	---	N. Y.
<i>Xanthomonas phaseoli</i> (F. M. Sm.) Dows. (?):					
<i>Phaseolus vulgaris</i> var. (string bean)	Japan	---	1	---	Calif.*
<i>Xanthomonas</i> sp. (Cancrosis B):					
<i>Citrus limon</i> (lemon)	Brazil	---	2	---	Pa.
<i>Citrus paradisi</i> (grapefruit)	Brazil (?)	---	1	---	Pa.
<i>Zygosporium oscheoides</i> Mont.:					
Palm	Mexico	2	---	---	Tex.
<i>Zygosporium oscheoides</i> Mont. (?):					
<i>Citrus</i> sp.	do	---	1	---	Tex.

An asterisk (*) indicates State inspection.

A dagger (†) indicates a first interception from the country named.

A double dagger (‡) indicates first record of its interception by Branch inspectors.

- ALLIUM FISTULOSUM:**
Mycosphaerella schoenoprasi (Ascomycetes)
- ALLIUM SATIVUM:**
Sclerotium cepivorum (Deuteromycetes)
- ALOCASIA:**
Meloidogyne arenaria (Nematoda)
Meloidogyne incognita acrita (Nematoda)
- ALSTONIA:**
Meloidogyne arenaria (Nematoda)
- ALYXIA:**
†*Mycosphaerella alyxiae* (Ascomycetes)
Uromyces alyxiae (Promycetes)
- AMORPHOPHALUS:**
Meloidogyne hapla (Nematoda)
- ANANAS:**
Curvularia lunata (Deuteromycetes)
- ANTHURIUM:**
†*Mycosphaerella anthurii* (Ascomycetes)
†*Phyllachora engleri* (Ascomycetes)
- APIUM:**
†*Septoria apii* (Deuteromycetes)
- ARAUCARIA:**
†*Macrophoma araucariae* (Deuteromycetes)
- ARBUTUS:**
Septoria unedonis (Deuteromycetes)
- ARECA:**
Colletotrichum arecae (Deuteromycetes)
- ARTEMISIA:**
Puccinia absinthii (Promycetes)
- ASPARAGUS:**
Meloidogyne javanica (Nematoda)
†*Puccinia asparagi* (Promycetes)
- ASTROPHYTUM:**
Meloidogyne incognita (Nematoda)
- BAMBOO:**
Puccinia phyllostachydis (Promycetes)
- BEGONIA:**
Meloidogyne hapla (Nematoda)
Meloidogyne incognita (Nematoda)
Meloidogyne incognita acrita (Nematoda)
†*Pratylenchus brachyurus* (Nematoda)
- BETA:**
†*Meloidogyne hapla* (?) (Nematoda)
Meloidogyne incognita acrita (Nematoda)
Uromyces betae (Promycetes)
- BETULA:**
†*Melampsoridium betulinum* (Promycetes)
- BOUTELOUA:**
†*Puccinia exasperans* (Promycetes)
- BUXUS:**
Puccinia buxi (Promycetes)
- CACTUS:**
†*Helicotylenchus nannus* (Nematoda)
†*Lembosia cactorum* (?) (Ascomycetes)
Meloidogyne arenaria (Nematoda)
†*Rotylenchus brachyurus* (Nematoda)
- CALADIUM:**
Meloidogyne arenaria (Nematoda)
- CAPUSICUM:**
Phomopsis capsici (Deuteromycetes)
- CARICA:**
Asperisporium caricae (Deuteromycetes)
- CATTLEYA:**
Mycosphaerella cattleyae (Ascomycetes)
Septoria selenophomoides (Deuteromycetes)
- CELOSIA:**
Meloidogyne incognita (Nematoda)
- CHAMAEDOREA:**
Mycosphaerella palmarum (Ascomycetes)
- CHRYSANTHEMUM:**
Eudarlucania australis (Ascomycetes)
Puccinia chrysanthemi (Promycetes)
Puccinia horiana (Promycetes)
- CICHORIUM:**
Pseudomonas marginalis (Schizomycetes)
- CITRUS AURANTIFOLIA:**
Elsinoe australis (Ascomycetes)
Elsinoe fawcettii (Ascomycetes)
†*Gloeosporium limeticolum* (Deuteromycetes)
Phoma limonii (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS AURANTIUM:**
Xanthomonas citri (Schizomycetes)
- CITRUS AURANTIUM VAR.:**
Xanthomonas citri (Schizomycetes)
- CITRUS GRANDIS:**
Phoma citricarpa (Deuteromycetes)
†*Phytophthora citrophthora* (Phycomycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS X ICHANDARIN:**
Xanthomonas citri (Schizomycetes)
- CITRUS ICHANGENSIS VAR.:**
Xanthomonas citri (Schizomycetes)
- CITRUS LIMON:**
Elsinoe australis (Ascomycetes)
Leprosis
Phoma citricarpa (Deuteromycetes)
Septoria citri (Deuteromycetes)
Sphaceloma fawcettii var. *scabiosa* (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
Xanthomonas sp. (Cancrosis B) (Schizomycetes)
- CITRUS MEDICA:**
Septoria citri (Deuteromycetes)
- CITRUS PARADISI:**
†*Diaporthe citri* (Ascomycetes)
Elsinoe australis (Ascomycetes)
Leprosis
Phoma citricarpa (Deuteromycetes)
Septoria citri (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
Xanthomonas sp. (Cancrosis B) (Schizomycetes)
- CITRUS RETICULATA:**
Elsinoe australis (Ascomycetes)
Leprosis
Phoma citricarpa (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS SINENSIS:**
Alternaria citri (Deuteromycetes)
Elsinoe australis (Ascomycetes)
Leprosis
Myriangium duriae (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Septobasidium pseudopedicellatum (Basidiomycetes)
Septoria citri (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS SINENSIS JUNOS:**
Xanthomonas citri (Schizomycetes)
- CITRUS SP.**
Phoma citricarpa (Deuteromycetes)
Xanthomonas citri (?) (Schizomycetes)
Zygosporium oschoides (?) (Deuteromycetes)
- CLEMATIS:**
Pratylenchus penetrans (Nematoda)
Pratylenchus pratensis (Nematoda)
- CLIVIA:**
†*Colletotrichum cliviae* (Deuteromycetes)
- COELOGYNE:**
Phomopsis orchidophila (Deuteromycetes)
- COFFEA:**
Cercospora coffeicola (Deuteromycetes)
†*Hendersonia coffeae* (Deuteromycetes)
Mycosphaerella coffeicola (Ascomycetes)
- COLOCASIA:**
Dendryphium obtipum (Deuteromycetes)
Meloidogyne javanica (Nematoda)
- CRATAEGUS:**
Gymnosporangium clavipes (Promycetes)
†*Phomopsis semimmersa* (Deuteromycetes)
- CUCUMIS:**
†*Cercospora citrullina* (Deuteromycetes)
Curvularia lunata (Deuteromycetes)
- CYMBIDIUM:**
Septonema intercalare (Deuteromycetes)
Septoria selenophomoides (Deuteromycetes)
- CYPRIPEDIUM:**
Septoria selenophomoides (Deuteromycetes)
- DAPHNE:**
†*Daphne mosaic virus*
- DAUCUS:**
Meloidogyne incognita (Nematoda)
Meloidogyne incognita acrita (Nematoda)
- DENDROBIUM:**
Pestalotia conspicua (Deuteromycetes)
Phyllostictia pyriformis (Deuteromycetes)
- DIANTHUS:**
Alternaria dianthi (Deuteromycetes)
- DIEFFENBACHIA:**
Colletotrichum dieffenbachiae (Deuteromycetes)

Hosts and Diseases—Continued

- DIOSCOREA:**
†*Rhizoglyphus bradys* (Nematoda)
- DRACAENA:**
†*Colletotrichum dracaena* (Deuteromycetes)
- ECHINOCACTUS:**
Meloidogyne javanica (Nematoda)
- ELYMUS:**
†*Tilletia elymi* (Promycetes)
- EPIDENDRUM:**
Anthostomella keissleri (Ascomycetes)
Hendersonia epidendri (Deuteromycetes)
Mycosphaerella cattleyae (Ascomycetes)
†*Ophiostoma orchidearum* (Ascomycetes)
Pestalotia conspicua (Deuteromycetes)
Phomopsis orchidophila (Deuteromycetes)
Phyllosticta pyriformis (Deuteromycetes)
Physalospora widemanniana (Ascomycetes)
Uredo behnickiana (Promycetes)
Uredo epidendri (Promycetes)
Uredo guacae (Promycetes)
Uredo nigropuncta (?) (Promycetes)
- EURYCLES:**
Curularia lunata (Deuteromycetes)
- FAGUS:**
†*Asterosporium hoffmanni* (Deuteromycetes)
- FICUS:**
Gloeosporium elasticum (Deuteromycetes)
Physopella fici (Promycetes)
- FRAGARIA:**
†*Marssonina fragariae* (Deuteromycetes)
Mycosphaerella fragariae (Ascomycetes)
- GARDENIA:**
Omphalia flavida (Deuteromycetes)
- GINKGO:**
†*Phomopsis occulta* var. *ginkgoina* (Deuteromycetes)
- GLADIOLUS:**
Papulaspora parasitica (Deuteromycetes)
Urocystis gladiolicola (Promycetes)
†*Uromyces transversalis* (Promycetes)
- GOSSYPIMUM:**
Cercospora gossypina (Deuteromycetes)
- HEDERA:**
Colletotrichum trichellum (Deuteromycetes)
- HELICONIA:**
†*Puccinia heliconiae* (Promycetes)
- HETERANTHELIUM:**
Tilletia controversa (Promycetes)
- HYPARRHENIA:**
†*Puccinia erythraeensis* (Promycetes)
- JACQUINIELLA:**
Phyllosticta pyriformis (Deuteromycetes)
- JUNIPERUS:**
Gymnosporangium haraeaeum (Promycetes)
- KOHLERIA:**
Meloidogyne hapla (Nematoda)
- LABURNUM:**
Coniothyrium cytisellum (Deuteromycetes)
- LAELIA:**
Mycosphaerella cattleyae (Ascomycetes)
Paranthostomella microspora (Ascomycetes)
Pestalotia conspicua (Deuteromycetes)
Phyllosticta pyriformis (Deuteromycetes)
- LESPEDEZA:**
Uromyces lespedezae-procumbentis (Promycetes)
- LILIUM:**
Papulaspora parasitica (Deuteromycetes)
Pratylenchus penetrans (Nematoda)
- LOISELEURIA:**
Chrysomya ledi var. *rhododendri* (Promycetes)
- MAHONIA:**
Cumminsia sanguinea (Promycetes)
- MALUS:**
Coniothyrium pirinum (Deuteromycetes)
Cylindrocarpon mali (Deuteromycetes)
- MAMMILLARIA:**
Meloidogyne arenaria (Nematoda)
Meloidogyne incognita acrita (Nematoda)
Meloidogyne javanica (Nematoda)
- MANGIFERA:**
Elsinoe mangiferae (Ascomycetes)
†*Gloeosporium mangiferae* (Deuteromycetes)
Phyllosticta mangiferae (Deuteromycetes)
- MANIHOT:**
†*Uromyces janiphae* (Promycetes)
- MASDEVALLIA:**
Septoria selenophomoides (Deuteromycetes)
- METROSIDEROS:**
†*Melolonia haplochaeta* (Ascomycetes)
- MISCANTHUS:**
†*Puccinia miscanthi* (Promycetes)
- MUSA:**
Cercospora musae (Deuteromycetes)
Macrophoma musae (Deuteromycetes)
- NARCISSUS:**
Ophiostoma narcissi (Ascomycetes)
- NERIUM:**
Cercospora neriella (Deuteromycetes)
Phyllosticta nerii (Deuteromycetes)
- NICOTIANA:**
†*Fusarium oxysporum* f. *nicotianae* (Deuteromycetes)
Melanospora zamiae (Ascomycetes)
- ODONTOGLOSSUM:**
Pestalotia conspicua (Deuteromycetes)
Septoria selenophomoides (Deuteromycetes)
Uredo behnickiana (Promycetes)
- OLEA:**
Gloeosporium olivarium (Deuteromycetes)
Pseudomonas savastanoi (Schizomycetes)
- ONCIDIUM:**
†*Hendersonia importata* (Deuteromycetes)
Septoria selenophomoides (Deuteromycetes)
Uredo oncidii (Promycetes)
- ORCHID:**
Anthostomella keissleri (Ascomycetes)
†*Cercospora cyripedii* (Deuteromycetes)
Hendersonia epidendri (Deuteromycetes)
†*Leptosphaeria niessleana* (?) (Ascomycetes)
Mycosphaerella cattleyae (Ascomycetes)
Phomopsis orchidophila (Deuteromycetes)
†*Phyllosticta laeliae* (Deuteromycetes)
Phyllosticta pyriformis (Deuteromycetes)
Septonema intercalare (Deuteromycetes)
Septoria selenophomoides (Deuteromycetes)
Uredo guacae (Promycetes)
Uredo oncidii (?) (Promycetes)
- OREOCEREUS:**
†*Helicotylenchus nannus* (Nematoda)
Meloidogyne arenaria (Nematoda)
Meloidogyne incognita acrita (Nematoda)
- ORNITHOGALUM:**
Meloidogyne incognita acrita (Nematoda)
Puccinia ornithogali-thyrsoideis (Promycetes)
- ORYZA:**
Cladosporium oryzae (Deuteromycetes)
Entyloma oryzae (Promycetes)
Mycosphaerella hondai (Ascomycetes)
Trematosphaerella oryzae (Ascomycetes)
- ORYZOPSIS:**
†*Selenophoma donacis* var. *stomaticola* (Deuteromycetes)
- PACHYCEREUS:**
†*Didymosphaeria opulenta* (Ascomycetes)
†*Strickeria mammoidea* var. *opuntiae* (Ascomycetes)
- PAEONIA:**
Discosia artocreas (Deuteromycetes)
Sclerotopsis testudinea (Deuteromycetes)
- PALM:**
Zygosporeum oscheoides (Deuteromycetes)
- PANICUM:**
Cerebella andropogonis (Ascomycetes)
- PASPALUM:**
Cerebella andropogonis (Ascomycetes)
- PEROCTACTUS:**
Myrothecium roridum (Deuteromycetes)
- PERSEA:**
Botryosphaeria ribis (Ascomycetes)
Cercospora purpurea (Deuteromycetes)
- PETROSELINUM:**
†*Septoria petroselini* (Deuteromycetes)
- PHAJUS:**
Uredo behnickiana (Promycetes)
- PHASEOLUS:**
†*Cercospora canescens* (Deuteromycetes)
Thielaviopsis basicola (Deuteromycetes)
Xanthomonas phaseoli (?) (Schizomycetes)
- PHILODENDRON:**
Meloidogyne arenaria (Nematoda)

Hosts and Diseases—Continued

- PHRAGMITES:
Ustilago grandis (Promycetes)
- PINUS:
Lophodermium pinastri (Ascomycetes)
Phoma acicola (Deuteromycetes)
- PISTACIA:
Phleospora pistaciae (Deuteromycetes)
- PISUM:
Erysiphe polygoni (Ascomycetes)
- POLIANTHES:
Meloidogyne incognita (Nematoda)
Meloidogyne incognita acrita (Nematoda)
Meloidogyne javanica (Nematoda)
- POLYSTACHYA:
Uredo guacae (Promycetes)
- PORTULACA:
Helicotylenchus nannus (Nematoda)
- PRIMULA:
Cercospora primulae (Deuteromycetes)
- PRUNUS DOMESTICA:
Monilinia fructigena (Ascomycetes)
- PRUNUS SP. (cherry)
Monilinia fructigena (Ascomycetes)
- PSIDIUM:
Pestalotia psidii (Deuteromycetes)
- PUNICA:
Sphaceloma punicae (Deuteromycetes)
- PYRUS:
Fusicladium pirinum (Deuteromycetes)
- RHODODENDRON:
Chrysomyxa ledi var. *rhododendri* (Promycetes)
Diplodina eurhododendri (Deuteromycetes)
Meloidogyne incognita (Nematoda)
Mycosphaerella clintoniana (Ascomycetes)
- ROSA:
Marssonina rosae (Deuteromycetes)
Phragmidium disciflorum (Promycetes)
- RUSCUS:
Leptosphaeria rusci (Ascomycetes)
Phyllosticta ruscicola (Deuteromycetes)
- SAPOTE:
Septoria sapotae (Deuteromycetes)
- SCHLUMBERGERA:
Pratylenchus vulnus (Nematoda)
- SCHOMBURGKIA:
Uredo oncidii (Promycetes)
- SCIRPUS:
Puccinia scirpi (Promycetes)
- SIDA:
Phomopsis sidae (?) (Deuteromycetes)
- SOBRALIA:
Mycosphaerella cattleyae (Ascomycetes)
- SOIL:
Helicotylenchus nannus (Nematoda)
Heterodera avenae (Nematoda)
Heterodera cacti (Nematoda)
Heterodera cruciferae (?) (Nematoda)
Heterodera fici (Nematoda)
Heterodera humuli (Nematoda)
Heterodera punctata (Nematoda)
Heterodera rostochiensis (Nematoda)
Meloidogyne incognita acrita (Nematoda)
Tylenchorhynchus latus (?) (Nematoda)
- SOLANACEAE:
Meloidogyne incognita acrita (Nematoda)
- SOLANUM:
Meloidogyne incognita acrita (Nematoda)
Oospora pustulans (Deuteromycetes)
- SORBUS:
Gymnosporangium juniperi (?) (Promycetes)
Venturia inaequalis var. *cinerascens* (Ascomycetes)
- SORGHUM:
Sphaerella cerea (Ascomycetes)
- STACHYTARPHETA:
Puccinia urbaniana (Promycetes)
- STANHOPEA:
Cercospora angraeci (Deuteromycetes)
Cercospora cyripedii (Deuteromycetes)
Guignardia traversi (Ascomycetes)
Pestalotia conspicua (Deuteromycetes)
- THEOBROMA:
Phytophthora palmivora (Phycomycetes)
- TILLANDSIA:
Uredo nidularii (?) (Promycetes)
- TRACHYCARPUS:
Phomopsis palmicola (Deuteromycetes)
- TRITICUM:
Colletotrichum graminicola (Deuteromycetes)
Tilletia caries (Promycetes)
- VANDA:
Phyllosticta pyriformis (Deuteromycetes)
- VIOLA:
Puccinia violae (Promycetes)
- WASHINGTONIA:
Meloidogyne incognita acrita (Nematoda)
- WISTERIA:
Diaporthe eres (Ascomycetes)
- YUCCA:
Diplodia circinans (Deuteromycetes)
Hendersonia yuccae (Deuteromycetes)
Stagonospora macrospora (Deuteromycetes)
- ZANTEDESCHIA:
Meloidogyne javanica (Nematoda)
- ZEa:
Phyllachora maydis (Ascomycetes)
Puccinia polysora (Promycetes)
- ZINGIBER:
Colletotrichum zingiberis (Deuteromycetes)
Melanospora zamiae (Ascomycetes)
- ZYGOPETALUM:
Uredo guacae (?) (Promycetes)

Hosts Unknown

- GRASS:
Phyllachora graminis (Ascomycetes)

Countries of Origin and Diseases

- ALGERIA:**
Heterodera cacti
Septoria citri
- ARGENTINA:**
Elsinoe australis
Heterodera cacti
Heterodera fici
Heterodera rostochiensis
Septoria citri
- AUSTRALIA:**
Cerebella andropogonis
†*Fusicladium pirinum*
†*Meloidogyne arenaria*
Pestalotia conspicua
Phoma citricarpa
Phyllostictina pyriformis
†*Septonema intercalare*
Sphaceloma fauiceti var. *scabiosa*
- AUSTRIA:**
†*Asterosporium hoffmanni*
†*Heterodera avenae*
Heterodera punctata
†*Venturia inaequalis* var. *cinerascens*
- BELGIUM:**
†*Colletotrichum cliviae*
Heterodera avenae
Pseudomonas marginalis
- BERMUDA:**
Cercospora neriella
†*Helicotylenchus nannus*
Phyllosticta nerii
Puccinia absinthii
- BRAZIL:**
Cercospora coffeicola
†*Colletotrichum graminicola*
Elsinoe australis
†*Heterodera avenae*
†*Meloidogyne hapla*
†*Meloidogyne incognita acrita*
Pestalotia conspicua
Phoma citricarpa
†*Pratylenchus brachyurus*
Septobasidium pseudopedicellatum
Septoria selenophomoides
Uredo behnickiana
Xanthomonas sp. (Cancerosis B)
- BRITISH EAST AFRICA:**
†*Phoma citricarpa*
- BRITISH GUIANA:**
†*Phyllosticta laetiae*
- CANADA:**
†*Cercospora primulae*
†*Helicotylenchus nannus*
Heterodera cacti
†*Melampsoridium betulinum*
†*Meloidogyne arenaria*
†*Meloidogyne incognita*
†*Meloidogyne incognita acrita*
†*Meloidogyne javanica*
- CANAL ZONE:**
†*Guignardia traversi*
Pestalotia conspicua
Phomopsis orchidophila
Phyllostictina pyriformis
Uredo guacae (?)
- CEYLON:**
Xanthomonas citri
- CHILE:**
†*Meloidogyne incognita acrita*
- CHINA:**
†*Colletotrichum zingiberis*
Dendryphium obstepum
Melanospora zamiae
†*Meloidogyne incognita acrita*
Phoma citricarpa
Thielaviopsis basicola
Xanthomonas citri
- COLOMBIA:**
†*Phyllachora engleri*
†*Uromyces janiphae*
- COSTA RICA:**
Mycosphaerella cattleyae
Uredo behnickiana
Uredo oncidii
- CUBA:**
Anthostomella keissleri
- Asperisporium caricae*
†*Meloidogyne incognita acrita*
†*Ophiostoma orchidearum*
†*Phytophthora citrophthora*
Uredo oncidii (?)
- DENMARK:**
Heterodera avenae
- DOMINICAN REPUBLIC:**
†*Fusarium oxysporum* f. *nicotianae*
Melanospora zamiae
†*Septoria sapotae*
- ECUADOR:**
†*Diaporthe citri*
†*Gloeosporium limeticolum*
Uredo oncidii
- EGYPT:**
†*Meloidogyne incognita acrita*
†*Phoma citricarpa*
Tylenchorhynchus latus (?)
- ENGLAND:**
†*Daphne mosaic virus*
Heterodera avenae
Heterodera cacti
Heterodera punctata
Heterodera rostochiensis
Oospora pustulans
Puccinia buzi
†*Puccinia violae*
Septoria selenophomoides
- FII ISLANDS**
Phoma citricarpa
- FORMOSA:**
Phoma citricarpa
- FRANCE:**
†*Fusicladium pirinum*
Meloidogyne javanica
Monilinia fructigena
- GERMANY:**
Collectotrichum trichellum
Heterodera avenae
Heterodera cacti
†*Heterodera fici*
Heterodera punctata
Heterodera rostochiensis
†*Marssonina fragariae*
Monilinia fructigena
Mycosphaerella fragariae
†*Pratylenchus vulnus*
- GREECE:**
Heterodera avenae
†*Meloidogyne javanica*
†*Puccinia asparagi*
Septoria unedonis
- GUAM:**
Colletotrichum arecae
- GUATEMALA:**
Hendersonia epidendri
†*Meloidogyne arenaria*
Uredo oncidii
- HAWAII:**
†*Meliolina haplochaeta*
†*Meloidogyne arenaria*
†*Mycosphaerella alysiae*
Phoma citricarpa
Phyllostictina pyriformis
Uromyces alysiae
- HONDURAS:**
†*Phyllostictina pyriformis*
†*Uredo guacae*
Uredo oncidii
- ICELAND:**
Heterodera punctata
- INDIA:**
Entyloma oryzae
Phomopsis orchidophila
†*Phomopsis sidae* (?)
Septoria selenophomoides
Xanthomonas citri
- INDO-CHINA:**
†*Phoma citricarpa*
- INDONESIA:**
†*Pestalotia conspicua*
- IRAN:**
†*Selenophoma donacis* var. *stomaticola*
Tilletia controversa
†*Tilletia elymi*

Countries of Origin and Diseases — Continued

IRELAND:

Heterodera punctata
Heterodera rostochiensis
Ophiostoma narceissi
†*Septoria petroselinii*
†*Septoria unedonis*

ISRAEL:

Alternaria dianthi
Heterodera avenae
†*Meloidogyne hapla* (?)
†*Septoria citri*

ITALY:

Gloeosporium olivarum
†*Helicotylenchus nannus*
Heterodera avenae
Heterodera cacti
†*Heterodera fici*
Heterodera punctata
Leptosphaeria rusci
Meloidogyne incognita
†*Meloidogyne incognita acrita*
†*Meloidogyne javanica*
Phragmidium disciflorum
Phyllosticta ruscicola
Pseudomonas savastanoi
†*Puccinia buxi*
†*Rotylechus brachyurus*
Sclerotium cepivorum
Septoria citri
Septoria dianthi

ITALY (?):

Alternaria citri

JAMAICA:

Phyllostictina pyramiformis
†*Uredo behnickiana*
Uredo epidendri
†*Uredo guacae*
Uredo nigropuncta (?)
†*Uredo oncidii*

JAPAN:

Alternaria dianthi
Chrysomyxa ledi var. *rhododendri*
Cladosporium oryzae
Discosia artocreas
Eudarlucra australis
Gymnosporangium haraeaeum
Heterodera cacti
†*Heterodera cruciferae*
Macrophoma musae
Meloidogyne javanica
Mycosphaerella hondai
Mycosphaerella schoenoprasii
Omphalia flavida
Papulaspora parasitica
Phoma citricarpa
†*Phomopsis occulta* var. *ginkgoina*
†*Phomopsis palmicola*
Puccinia chrysanthemi
Puccinia horiana
†*Puccinia miscanthi*
Puccinia phyllostachydis
Sclerotium testudinea
Trematosphaerella oryzae
Uromyces lespeziae-procumbentis
Xanthomonas citri
Xanthomonas phaseoli (?)

KENYA:

Cerebella andropogonis
†*Puccinia erythraeensis*

LEBANON:

Phleospora pistaciae

MARTINIQUE:

†*Puccinia urbaniana*

MEXICO:

Anthostomella keissleri
Botryosphaeria ribis
Cercospora angraei
Cercospora coffeicola
†*Cercospora cyripedii*
Cercospora gossypina
Cercospora musae
Cercospora purpurea
Colletotrichum dieffenbachiae
Coniothyrium pirinum
Curvularia lunata
†*Didymosphaeria opulenta*

†*Diplodia circinans*
Elsinoe mangiferae
Gloeosporium elasticum
†*Helicotylenchus nannus*
†*Hendersonia coffeae*
Hendersonia epidendri
†*Hendersonia importata*
†*Hendersonia yuccae*
Heterodera cacti
Heterodera punctata
Heterodera rostochiensis
†*Lembosia cactorum* (?)
Leprosis
†*Leptosphaeria niessleana* (?)
Lophodermium pinastri (?)
Macrophoma musae
Marssonina rosae
Meloidogyne arenaria
Meloidogyne hapla
Meloidogyne incognita
†*Meloidogyne incognita acrita*
†*Meloidogyne javanica*
†*Mycosphaerella anthurii*
Mycosphaerella cattleyae
Mycosphaerella coffeicola
Mycosphaerella palmarum
Myriangium duriae
Myrothecium rostratum
Omphalia flavida
Paranthostomella microspora
Pestalotia conspicua
†*Pestalotia psidii*
Phoma limonii (?)
†*Phyllachora maydis*
Phyllostictina mangiferae
Phyllostictina pyramiformis
Physalospora wildemanniana
Physopella fici
†*Puccinia exasperans*
Septonema intercalare
Septoria selenophomoides
Sphaeceloma punicea
Stagonospora macrospora
†*Strickeria mammoidea* var. *opuntiae*
Uredo epidendri (?)
Uredo guacae (?)
†*Uredo nidularii* (?)
Zygosporeum oschoides (?)

NETHERLANDS:

Coniothyrium cytisellum
Cumminsia sanguinea
Cylindrocarpon mali
Diaporthe eres
Diplodina euryhododendri
Gymnosporangium clavipes
Heterodera punctata
Meloidogyne hapla
Mycosphaerella clintoniana
†*Phomopsis semiimmersa*
†*Pratylenchus penetrans*
Pratylenchus pratensis
Urocystis gladiolicola
Ustilago grandis

NEW ZEALAND:

†*Coniothyrium pirinum*
Cylindrocarpon mali
Pratylenchus penetrans

NICARAGUA:

Uredo guacae (?)

NIGERIA:

†*Puccinia polysora*

PAKISTAN:

†*Phoma citricarpa*

PARAGUAY:

†*Septoria citri*

PERU:

†*Erysiphe polygoni*
Heterodera rostochiensis

PHILIPPINES:

Curvularia lunata
Elsinoe fawcettii
†*Gloeosporium mangiferae*
Phoma citricarpa
Phyllostictina pyramiformis
Xanthomonas citri

Countries of Origin and Diseases — Continued

PORTUGAL:	<i>Heterodera humuli</i>
† <i>Heterodera fici</i>	<i>Heterodera punctata</i>
† <i>Phoma citricarpa</i>	SYRIA:
† <i>Phyllachora graminis</i>	† <i>Meloidogyne incognita acrita</i>
† <i>Puccinia scirpi</i>	THAILAND:
PUERTO RICO:	<i>Xanthomonas citri</i>
<i>Cercospora musae</i>	TRINIDAD:
<i>Phomopsis capsici</i>	† <i>Colletotrichum dracaenae</i>
† <i>Puccinia heliconiae</i>	† <i>Meloidogyne incognita</i>
RHODESIA:	† <i>Phomopsis orchidophila</i>
<i>Cerebella andropogonis</i>	† <i>Rotylenchus bradys</i>
ST. KITTS:	TUNISIA:
† <i>Cercospora canescens</i>	<i>Heterodera avenae</i>
ST. LUCIA:	TURKEY:
† <i>Phytophthora palmivora</i>	<i>Tilletia caries</i>
SALVADOR:	UNION OF SOUTH AFRICA:
<i>Mycosphaerella cattleiae</i>	<i>Meloidogyne incognita acrita</i>
SCOTLAND:	† <i>Meloidogyne javanica</i>
<i>Heterodera rostochiensis</i>	<i>Phoma citricarpa</i>
<i>Lophodermium pinastri</i>	<i>Puccinia ornithogalli-thyrsoides</i>
SPAIN:	† <i>Sphaerella cereae</i>
<i>Alternaria dianthi</i>	† <i>Uromyces transversalis</i>
<i>Heterodera avenae</i>	UNKNOWN:
† <i>Macrophoma araucariae</i>	<i>Elsinoe australis</i>
<i>Septoria citri</i>	<i>Heterodera rostochiensis</i>
<i>Uromyces betae</i>	<i>Phoma citricarpa</i>
STRAITS SETTLEMENTS:	<i>Septoria citri</i>
† <i>Phyllostictina pyriiformis</i>	VENEZUELA:
<i>Xanthomonas citri</i>	† <i>Cercospora citrullina</i>
SWEDEN:	† <i>Septoria api</i>
<i>Gymnosporangium juniperi</i> (?)	YUGOSLAVIA:
<i>Heterodera punctata</i>	† <i>Phoma acicola</i>
SWITZERLAND:	
<i>Chrysomyxa ledi</i> var. <i>rhododendri</i>	

UNITED STATES DEPARTMENT OF AGRICULTURE

AGRICULTURE RESEARCH SERVICE

PLANT QUARANTINE DIVISION

LIST OF INTERCEPTED PLANT PESTS, 1957

(List of Pests Recorded from July 1, 1956, through June 30, 1957 as Intercepted in, on, or with Plants and Plant Products Entering United States Territory.)

Compiled by
Judith Hunt
Plant Quarantine Aid

INTRODUCTION

This forty-fourth report of interceptions summarizes the records of insect pests, plant pathogens, and certain other organisms found in, on, or with plant products (1) imported, (2) offered for but refused entry, (3) held as ships' stores, etc., and hence not offered for entry through customs, (4) offered for entry for immediate transportation and exportation in bond, and (5) in domestic shipments between the American Virgin Islands, Hawaii, and Puerto Rico and the mainland.

This report is largely a compilation of insects and plant diseases of known or potential plant quarantine significance to the United States. Some common organisms are included if they are (1) new to the country of origin, or (2) new to the host plant, or (3) are of such limited distribution in the United States that they are worthy of mention.

The data for this list, which includes some for the previous year, are largely obtained from identifications made by specialists of the Entomology Research Division and Plant Quarantine Division, supplemented by information supplied by State officials. Some, however, represent critical studies and determinations made by specialists of the Crops Research Division who also identified many of the host plants cited.

All scientific names are reviewed by specialists in the Department to assure conformance to the International Rules of Nomenclature.

Every effort is made to give the correct origin for all collections listed, questionable cases are omitted or the origin is listed as unknown.

INTERCEPTIONS FROM AIRBORNE MATERIAL

The rapid growth of air transportation continues to increase the danger of foreign plant pests being introduced by this means. In addition to international air travel, commerce in plants and plant products by air is developing steadily. The speed with which pests may now be brought

from all parts of the world makes conditions more favorable for their survival and necessitates constant vigilance to apprehend them at ports of entry.

Pests were intercepted on plant material arriving by airborne baggage, express, freight, mail, and stores. During the year 3,024 interceptions were made of insects on imported plant parts or as stowaways, and 559 interceptions of plant diseases.

Some important insect interceptions in airborne material were:

Adoxophyes orana on lilac in cargo from the Netherlands.

The Citrus blackfly (*Aleurocanthus woglumi*) on citrus leaves in baggage from Mexico and Nicaragua.

Anastrepha fraterculus in peach in baggage from Peru.

The Mexican fruit fly (*Anastrepha ludens*) in grapefruit in baggage from Mexico; in mango in baggage from Guatemala; in orange in baggage from Mexico; and in white sapote in cargo from Mexico.

The West Indian fruit fly (*Anastrepha mombinpraeoptans*) in bitter-almond in baggage from the Dominican Republic; in guava in baggage from Guatemala; in mango in baggage from Antigua, British Honduras, Costa Rica, Cuba, Dominican Republic, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Puerto Rico, St. Kitts, and Salvador; in mango in quarters from an unknown origin; in yellow mombin in baggage from Central America (country (?)), the Dominican Republic, Guatemala, Nicaragua, and Salvador.

Anastrepha serpentina in mamey in baggage from Mexico; and in mamey sapote and sapodilla in baggage from Nicaragua.

Anastrepha striata in guava in baggage from Guatemala and Salvador.

Anastrepha suspensa in guava in baggage from Puerto Rico; and in guava in cargo from Jamaica.

A rose stem borer, *Ardis sulcata*, in rose stem in quarters from Germany.

The Mediterranean fruit fly (*Ceratitis capitata*) in apricot in stores from France; in avocado in preflight inspection of baggage leaving Hawaii for the mainland; in cherimoya in baggage from South America (country (?)); in coffee berry in preflight inspection of baggage leaving Hawaii for the mainland; in fig in baggage from Italy; in grapefruit in baggage from Bermuda; in loquat in baggage from Italy; in orange in baggage from Iraq; in orange in stores from the Azores, France, and an unknown origin; in peach in baggage from Argentina, Azores, and Italy; in pear in baggage from Italy and an unknown origin; in pear in stores from an unknown origin (Mediterranean region); in plum in baggage from Germany and Italy. *C. capitata* (?) in coffee berry in preflight inspection of baggage leaving Hawaii for the mainland; in guava in baggage from the Azores; in orange in baggage from the Madeira Islands; and in orange in stores from Israel (?).

Cylas formicarius var. in sweetpotato in cargo from the Philippines.

Palaeopus costicollis in yam in baggage from Jamaica.

The pink bollworm (*Pectinophora gossypiella*) in cottonseed in baggage from the Bahamas and Cuba; in cotton boll in preflight inspection of baggage leaving Hawaii for the mainland; in cotton lock in baggage from Cuba; and in okra in baggage from the Dominican Republic.

The gypsy moth (*Porthetria dispar*) in apricot in stores from France.

The European corn borer (*Pyrausta nubilalis*) in samples of broomcorn in mail from Yugoslavia.

Rhagoletis cerasi in cherries in baggage from France, Germany, and Greece; in cherries in quarters from Germany; and in cherries in stores from France, Italy, Portugal, and Spain.

Rhagoletis cingulata in cherries in stores from France.

Interceptions of airborne plant pathogens of interest were:

Alternaria dauci on coriander leaf in cargo from Puerto Rico.

Cercospora panacis (?) on *Nothopanax* sp. in quarters from Australia.

Chrysomya ledi var. *rhododendri* on rhododendron leaves in baggage from Austria and Switzerland; on rhododendron leaves in mail from Germany and Switzerland; and on rhododendron leaves in quarters from Germany.

Corynespora cassiicola on palm fronds in cargo from Mexico.

Hypocrella sloaneae on leaf of *Chamaedorea oblongata* in cargo from Mexico.

Leptosphaeria culmifraga on rice straw in baggage from Japan.

Meliola acervata on *Physalis peruviana* in preflight inspection of baggage leaving Hawaii for the mainland.

Mycosphaerella cattleyae on a leaf of *Epidendrum* sp. in cargo from Ecuador; and on an orchid leaf in cargo from New Guinea.

Phoma citricarpa on *Citrus* sp. peel in baggage from Japan; on grapefruit in baggage from Pakistan; on lemon in stores from Australia; on Mandarin orange in baggage from China, Hong Kong, Japan, and the Philippines; on orange in baggage from Hong Kong, Japan, and the Union of South Africa; on orange in quarters from Mozambique and the Union of South Africa; and on orange in stores from Australia, Brazil, Mozambique, and the Union of South Africa.

Phyllosticta coccolobae on seagrape in baggage from Kwajalein.

Phyllosticta fusco-zonata (?) on leaves of *Rubus* sp. in stores from Italy.

Pseudopeziza ribis on leaves of European black currant in baggage from Germany.

Septoria petroselinii on parsley in stores from the Azores.

Sphaceloma fawcettii var. *scabiosa* on *Citrus hystrix*, lemon, and lime in stores from Australia.

Uredo scabies on leaf and stem of *Vanilla* sp. in baggage from Panama.

Citrus canker (*Xanthomonas citri*) on orange in quarters and stores from Japan; and on satsuma orange in baggage from Hong Kong.

Xanthomonas malvacearum on cotton leaf in baggage from the Bahamas.

Xanthomonas sp. (Cancrosis B) on lemon in stores from Argentina.

The following nematodes were found in airborne material:

Helicotylenchus erythrinae in soil with amaryllis bulbs in baggage from Portugal; in soil with dahlia roots in baggage from Scotland; in soil with gladiolus corms and lily bulbs in baggage from Italy; and in soil with plants in baggage from Canada.

Helicotylenchus multicinctus in soil around roots of bloodleaf in baggage from Costa Rica.

Helicotylenchus nannus in soil with begonia and Crassulaceae plants in baggage from the Azores; in soil with cuttings of begonias and fuchsias in baggage from Greece; in soil with heather in baggage from Scotland; in soil with rhododendron plants in baggage from Scotland; in soil with mint plants in baggage from Cuba; in soil with sansevieria plants in baggage from Haiti; and with soil around roots of an unknown plant in baggage from Jamaica.

The oat nematode (*Heterodera major*) in soil with geranium plants in baggage from England.

The golden nematode (*Heterodera rostochiensis*) in soil with amaryllis, euonymus, geranium, and oxalis plants in baggage from Ireland; in soil on a pair of boots in baggage from Ireland; in soil with heather in baggage from Scotland; in soil with lily-of-the-valley plants, hyacinth, lily, and tulip bulbs in baggage from England; and in soil with shamrock plants in mail from England.

Rotylenchus erythrinae (?) in soil with aloe plants in baggage from Jamaica.

Rotylenchus reniformis in soil with unidentified bulbs in baggage from Cuba.

Rotylenchus robustus in soil with carnation and primrose plants and tuberose bulbs in baggage from England.

Tylenchorhynchus brevidens with primrose plants in baggage from Ireland.

Tylenchorhynchus dubius in soil with plants in baggage from Canada.

Tylenchus filiformis in soil with cactus plant in baggage from Greece; and in soil with *Sedum* sp. in baggage from Italy.

NOTES ON INSECTS INTERCEPTED

FRUIT FLIES

The following fruit flies were intercepted:

Acidia heraclei (?) in celery in stores from France.

Anastrepha fraterculus in peach in air baggage from Peru.

The Mexican fruit fly (*Anastrepha ludens*) in apple in baggage from Mexico; in grapefruit in stores from British Honduras and Mexico; in grapefruit in baggage from Mexico; in Mandarin orange in baggage from Mexico; in mango in air baggage from Guatemala; in mango in baggage and stores from Mexico; in orange in stores from Guatemala; in orange in air baggage, baggage, quarters, and stores from Mexico; in peach, pear, ponderosa lemon, quince, and sweet lime in baggage from Mexico; and in white sapote in baggage and air cargo from Mexico. *A. ludens* (?) in mamey sapote and mango in baggage from Mexico.

The West Indian fruit fly (*Anastrepha mombinpraeoptans*) in bitter-almond in air baggage from the Dominican Republic; in guava in air baggage from Guatemala; in guava in baggage from Cuba and Mexico; in guava and guava berry in cargo from

Tortola; in mango in air baggage from Antigua, British Honduras, Costa Rica, Cuba, Dominican Republic, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Puerto Rico, St. Kitts, and Salvador; in mango in baggage from Mexico, Puerto Rico, Salvador, and Tortola; in mango in cargo from Cuba and Tortola; in mango in mail from Cuba and Panama; in mango in air quarters from an unknown origin; in mango in quarters from Cuba, Puerto Rico, and Trinidad; in mango in stores from Panama; in mombin (*Spondias* sp.) in air baggage from British Honduras, Guatemala, and Salvador; in purple mombin in air baggage from Guatemala, Mexico, and Nicaragua; in yellow mombin in air baggage from Central America (country (?)), Dominican Republic, Guatemala, Nicaragua, and Salvador; and in yellow mombin in baggage from St. Martin; *A. mombinpraepotans* (?) in mango in baggage from Ecuador; and in mango in stores from Venezuela.

Anastrepha serpentina in mamey in air baggage from Mexico; in mamey sapote in air baggage from Nicaragua; in mamey sapote in baggage from Mexico; in mamey sapote in stores from Colombia; and in sapodilla in air baggage from Nicaragua.

Anastrepha striata in guava in air baggage from Guatemala and Salvador; in guava in baggage from Mexico; and in guava in mail from Puerto Rico.

Anastrepha suspensa in guava in air baggage from Puerto Rico; and in guava in air cargo from Jamaica.

The Mediterranean fruit fly (*Ceratitis capitata*) in apricot in air stores from France; in avocado in baggage from Hawaii; in cherimoya in air baggage from South America; in cherry in mail from Italy; in coffee in preflight inspection of baggage leaving Hawaii for the mainland; in coffee in baggage from Hawaii; in *Cralaegus* sp. in baggage from Italy; in fig in air baggage from Italy; in grape in cargo from the Union of South Africa; in grapefruit in air baggage from Bermuda; in grapefruit in stores from Argentina, Israel, and Italy; in lemon in stores from Italy; in loquat in air baggage from Italy; in Mandarin orange in baggage from Italy; in Mandarin orange in stores from Algeria, Italy, and Spain; in orange in air baggage from Iraq; in orange in air stores from Azores, France, and an unknown origin; in orange in stores from Brazil, Egypt, and Italy; in peach in air baggage from the Azores and Italy; in peach in cargo from the Union of South Africa; in peach in air stores from Argentina; in peach in stores from Italy; in pear in air baggage from Italy and an unknown origin; in pear in baggage from Italy; in pear in air stores from an unknown origin; in persimmon in baggage from Italy; in plum in air baggage from Germany and Italy; in pricklypear in baggage from Greece and Italy. *C. capitata* (?) in Arabian coffee in mail leaving Hawaii for the mainland; in coffee in preflight inspection of baggage leaving Hawaii for the mainland; in guava in air baggage from the Azores; in orange in air baggage from the Madeira Islands; in orange in quarters from Brazil and Gibraltar; in orange in air stores from Israel (?); in orange in stores from Brazil; and in pomegranate in baggage from Italy.

Dacus ciliatus (?) in squash in stores from French West Africa.

The melon fly (*Dacus cucurbitae*) in bell pepper and tomato in stores from Hawaii. *D. cucurbitae* (?) in cucumber in stores from Hawaii.

The oriental fruit fly (*Dacus dorsalis*) in *Actinophloeus macarthurii* (palm) in baggage from Hawaii; an adult on an airplane from Guam; an adult in package containing anthurium and orchid flowers in mail from Hawaii; in coffee in air baggage and mail from Hawaii; in guava in air baggage from Hawaii; in Malay-apple in baggage from Hawaii. *D. dorsalis* (?) in *Calophyllum inophyllum* in mail from Hawaii; in Arabian coffee in air baggage and mail from Hawaii; in coffee in mail from Hawaii; and in fig in air baggage from Hawaii.

The olive fruit fly (*Dacus oleae*) in olive in baggage from Greece and Italy; in olive in air baggage from Italy and Lebanon; and in olive in stores from Italy.

Rhagoletis basiola in rose hips in mail from Canada.

Rhagoletis cerasi in apple in air stores from Italy (?); in cherry in air baggage from France, Germany, Greece, Italy, and an unknown origin; in cherry in baggage from Italy; in cherry in air stores from France, Germany, Italy, Portugal, Spain, and an unknown origin; in cherry in stores from Spain; *R. cerasi* (?) in apple in air stores from an unknown origin; and in cherry in air stores from Italy and the Netherlands.

The cherry maggot (*Rhagoletis cingulata*) in air stores from France.

INSECTS OTHER THAN FRUIT FLIES

The following miscellaneous insects of unusual interest were intercepted:

Acrolepia assectella (Hyponomeutidae) in leek in stores from France, Morocco, and Spain.

The citrus blackfly (*Aleurocanthus woglumi*) on *Citrus* sp. leaf in baggage from Mexico; on decorative greens in cargo from Mexico; on an unknown plant in soil from Mexico; and on sour lime leaf in cargo from Mexico.

Arge ochropa (Argidae) on roses in air baggage from Germany.

Bruchophagus coluteae (Eurytomidae) in *Colutea arborescens* seeds in cargo from Italy.

A carposinid, *Carposina sasakii*, in apple in air baggage, air stores, and quarters from Japan.

The banana root borer (*Cosmopolites sordidus*) in banana in cargo from Mexico.

A phycitid, *Cryptoblabes gnidiella*, in pomegranate in air baggage and baggage from Israel, Italy, and Libya.

Dichrocrocis punctiferalis (Pyraustidae) on *Pinus pentaphylla* foliage in cargo from Japan.

Epicaerus cognatus (Curculionidae) in potato in stores from Mexico.

The oriental fruit moth (*Grapholitha molesta*) in peach in air quarters from Japan.

A hydrophilid, *Helophorus rugosus*, in turnip in stores from England.

Hemimene juliana (Olethreutidae) in chestnut in cargo from Italy; and in chestnut in stores from Europe (?).

Lixus junci (Curculionidae) in beet in stores from Egypt.

Mamestra brassicae (Noctuidae) in cabbage in stores from Belgium; in cauliflower in stores from Germany; in celery in stores from England; and in lettuce in stores from Belgium.

A curculionid, *Naupactus xanthographus*, in grape in cargo from Chile.

A scolytid, *Scolytus multistriatus*, in elm bark in cargo from Canada.

The durra stem borer (*Sesamia cretica*) in broomcorn in cargo and quarters from Italy; and in broomcorn in mail from Greece.

Stephanoderes hampei (Scolytidae) in Arabian coffee in mail from Liberia; in *Coffea canephora* in mail from French West Africa; in *Coffea ugandae* in mail from French Equatorial Africa; and in coffee in stores from Angola.

Trogoderma granarium (Dermestidae) with mung beans and sorghum seed in mail from Pakistan; in rice in stores from Brazil, Formosa, Hong Kong, India, Kuwait, and Straits Settlements; and with wheat in stores from Formosa.

SNAILS

Bradybaena similaris, an injurious snail not established in the United States, was intercepted 115 times with plant material in baggage, cargo, and mail leaving Hawaii for the mainland and once with lily bulbs in baggage from Bermuda.

Lamellaris gracilis, injurious in greenhouses and not established in the United States, was found with roots of *Cattleya* sp. in preflight inspection of mail leaving Hawaii for the mainland.

Porphyrobapha iostoma, not injurious under normal conditions and not established in the United States, was taken with bananas in cargo from Ecuador and Honduras.

Theba pisana, an injurious snail not known to be established in the United States, was intercepted with beets in stores from Belgium, on a conex box in air cargo from Morocco, with dunnage in quarters from Morocco, with military cargo from Morocco and Tripoli, and with Swiss chard in stores from Venezuela.

Other snails of economic importance but of limited distribution in the United States and worthy of mention were: *Arion circumscriptus*, *Deroceras reticulatum*, *Limax marginatus*, *L. maximus*, and *Zonitoides orboreus*.

NOTES ON DISEASES INTERCEPTED

The sweet orange scab (*Elsinoe australis*) was intercepted 59 times; 18 of these interceptions came from Argentina on lemon and oranges; 41 from Brazil on grapefruit, lemon, orange, and sweet lime.

Citrus canker (*Xanthomonas citri*) was intercepted 66 times; 58 of these came from Japan, 4 from China, one each from Formosa, Hong Kong, Philippines, and Thailand. These interceptions were made from the following hosts: Grapefruit, lemon, lime, Mandarin orange, orange, pummelo, satsuma orange and sour orange.

Cancrosis B (*Xanthomonas* sp.), another bacterial disease of citrus, producing symptoms similar to citrus canker, was intercepted twice from Argentina on lemon.

The black spot of citrus (*Phoma citricarpa*) was intercepted 132 times; 49 of these came from the Union of South Africa, 26 from Hong Kong, 23 from China, 11 from Australia, 10 from Japan, 3 each from Brazil, Mozambique, and an unknown origin, and one each from Africa, Macao, Pakistan, and the Philippines. These interceptions

were made on the following hosts: *Citrus* sp., grapefruit, lemon, Mandarin orange, orange, and valencia orange.

Other interceptions were:

Corynespora cassiicola on palm in cargo from Mexico.

Heterosporium echinulatum on carnation in baggage from Colombia.

Heterosporium iridis on iris leaf in cargo from Canada.

"Leprosis" on lemon in stores from Peru.

Mainsia variabilis on *Rubus* sp. plant in baggage from Colombia.

Melampsora populnea on European aspen in mail from Germany.

Phyllosticta fusco-zonata (?) on *Rubus* sp. leaf in stores from Italy.

Puccinia allii on garlic in stores from Israel.

Septoria antirrhini on snapdragon in mail from France.

Septoria astericola on an aster leaf in mail from England.

Stemphylium botryosum on pepper in stores from Liberia.

Uredo scabies on *Vanilla* sp. leaf and stem in baggage from Panama.

Urocystis cepulae on onion in stores from Israel.

Uromycladium tepperianum on a seed pod of *Acacia aneura* in mail from Australia.

NEMATODES

The oat nematode (*Heterodera major*) was intercepted 15 times from the following countries: Belgium, Denmark, England, Ireland, Italy, Netherlands, Scotland, Spain, and Sweden. These interceptions were taken in soil with *Cymbalaria* sp. plants, soil with garlic, soil with geranium plants, soil with horseradish, soil with jute bagging, soil with surplus military equipment, soil with potatoes, soil with potted plants, and soil with shallots.

The golden nematode (*Heterodera rostochiensis*) was intercepted 85 times from the following countries: Argentina, Belgium, Ecuador, England, Germany, Greece, Iceland, Ireland, Mexico, Netherlands, Peru and Scotland. These interceptions were taken in soil with automobiles, soil on a pair of boots, and in soil with bulbs, plant material, and vegetables.

Other nematodes of special interest were:

Heterodera carotae (?) in soil with carrots in stores from Germany.

Helicotylenchus erythrinae in soil with amaryllis bulbs in air baggage from Portugal; in soil with dahlia roots in air baggage from Scotland; in soil with gladiolus corms and lily bulbs in air baggage from Italy; and in soil with plants in air baggage from Canada.

Pratylenchus minyus in roots of oleander plant in baggage from Austria.

Rotylenchus erythrinae (?) in soil with aloe plants in air baggage from Jamaica.

Rotylenchus reniformis in soil with unidentified bulbs in air baggage from Cuba.

Rotylenchus robustus in soil with carnation and primrose plants and tuberose bulbs in air baggage from England.

Tylenchorhynchus brevidens in soil with primrose plants in air baggage from Ireland.

Other nematodes of possible concern were several species of *Meloidogyne* intercepted from the following countries: Australia, Bahamas, Belgium, Brazil, Canada, Canal Zone, Chile, Costa Rica, Cuba, Dominican Republic, Ecuador, England, France, French West Africa, Germany, Guatemala, Hawaii, India, Jamaica, Japan, Martinique, Mexico, Netherlands, Peru, Thailand, and the Union of South Africa with various plant materials and vegetables.

INCOMPLETELY DETERMINED PESTS

Frequently complete determinations as to species are impossible or impracticable due to the stage or condition of the insects or pathogens on arrival. Some of these pests may be of economic importance, hitherto unreported from the United States, unknown for the host plant, or they may come from a new country of origin. As a matter of record they are included in this separate list but not in the table form.

INSECTS

Among the incompletely determined insects were the following fruit flies:

Anastrepha sp. probably *fraterculus*, at Houston, Tex., in orange in quarters from Brazil; at Jacksonville, Fla., in orange in stores from Brazil; at Miami, Fla., in coffee berry in air baggage from Colombia; at Mobile, Ala., in orange in stores from Brazil;

at New York, N. Y., in orange in air stores from Argentina; and at San Juan, P. R., in sapodilla in air baggage from Brazil.

Anastrepha sp., possibly *ludens*, at Laredo, Tex., in mango and pear in baggage from Mexico; at Miami, Fla., in quince in air baggage from Peru; at New Orleans, La., in orange in baggage and in plum in air baggage from Mexico; at Nogales, Ariz., in orange in baggage from Mexico; and at San Diego, Calif., in orange in air baggage and baggage from Mexico.

Anastrepha sp., possibly *mombinpracoctans*, at Miami, Fla. in mango in air baggage from Cuba; at Norfolk, Va., in mango in baggage from Puerto Rico; at New Orleans, La., in mombin in baggage from Salvador; and at San Pedro, Calif., in yellow mombin in air baggage from Colombia.

Anastrepha sp., probably *serpentina*, at Brownsville, Tex., Del Rio, Tex., El Paso, Tex., and Laredo, Tex., in mamey sapote in baggage from Mexico; at Houston, Tex., in mamey sapote in air baggage from Mexico and in sapodilla in air baggage from Colombia; and at Miami, Fla., in sapodilla in air baggage from Nicaragua.

Anastrepha sp., probably *striata*, at Brownsville, Tex., in guava in air baggage from Colombia and Salvador; at New York, N. Y., in guava in air baggage from the Dominican Republic; at Nogales, Ariz., in guava in baggage from Mexico; and at San Pedro, Calif., in guava in air baggage from Nicaragua.

Anastrepha sp., probably *suspensa*, at Chicago, Ill., in guava in mail from Puerto Rico; at New York, N. Y., in guava in air cargo from Jamaica.

Anastrepha sp. at Baltimore, Md., in orange in stores from Brazil and Peru; at Boston, Mass., in orange in stores from Peru; at Brownsville, Tex., in mango in air baggage from Salvador; in orange and plum in baggage from Mexico; and in star-apple in air baggage from Colombia; at Calexico, Calif., in mango in baggage from Mexico; at Charleston, S. C. in orange in stores from Brazil; at Eagle Pass, Tex., in mamey in baggage from Mexico; at El Paso, Tex., in mamey sapote, sapote, and sweet lime in baggage from Mexico; at Galveston, Tex., in grapefruit in quarters from Brazil and in orange in stores from Argentina and Peru; at Laredo, Tex., in mamey sapote and pear in baggage from Mexico; at Miami, Fla., in guava in air baggage from Salvador; in mamey in air baggage from Mexico; in mango in air baggage from Haiti, Jamaica, and an unknown origin; in mango in air stores from Salvador; and in purple mombin in air baggage from Venezuela; at New Orleans, La., in grapefruit in stores from Jamaica; in guava in mail from Salvador; in mamey sapote in baggage from Guatemala; in purple mombin in air baggage from Guatemala and Mexico; in orange in stores from Argentina and Brazil; in orange in quarters from Brazil; in white sapote in air baggage from Guatemala; and in star-apple in air baggage from Mexico; at New York, N. Y., in *Annona* sp. in air baggage from Brazil; in grapefruit in stores from Argentina; in guava in air baggage from Brazil; in mango in air stores from Colombia; in orange in baggage from Argentina; in sapodilla in air baggage from Colombia and Trinidad; and in sapodilla in mail from Trinidad; at Philadelphia, Pa., in cucurbit in stores from Venezuela; at Port Arthur, Tex., in orange in stores from Peru; at Charlotte Amalie, St. Thomas in grapefruit in stores from Brazil; at San Juan, P. R. in guava in air baggage from Trinidad; in guava in air cargo from the Dominican Republic; in mango in air quarters from Brazil and in air baggage from the Dominican Republic; in nispero in air baggage from Trinidad; and in rose-apple in air baggage from the Dominican Republic; at San Ysidro, Calif., in mango in baggage from Mexico; and at Savannah, Ga., in lemon in stores from Brazil.

Ceratitis sp. at Philadelphia, Pa., in Mandarin orange in stores from Belgian Congo.

Dacus sp. at Honolulu, Hawaii in mango in air baggage from the Philippines and an unknown origin.

Rhagoletis sp., probably *cerasi*, at Boston, Mass., in cherry in air stores from France.

Rhagoletis sp. at Nogales, Ariz., in *Crataegus* sp. in baggage from Mexico; and at Washington, D. C., in rose hips in mail from Iran and Sweden.

An adult *Tephritis* sp. on an airplane leaving Honolulu, Hawaii for the mainland.

Thirty-five interceptions identified to family only, Tephritidae, were intercepted at the following ports: Baltimore, Md., in orange in stores from Brazil; at Boston, Mass., in apple in air baggage from the Azores; in grapefruit in stores from the Union of South Africa; in orange in air stores from Brazil and Spain (?); in peach in cargo from the Union of South Africa; and in pomegranate in air baggage from Greece; at Chicago, Ill., in *Crataegus* sp. in air mail from Germany; in orange in air stores from an unknown origin; at Eagle Pass, Tex., in apple in baggage from Mexico; at El Paso, Tex., in orange in baggage from Mexico; at Galveston, Tex., in vegetable marrow in stores from West Africa; at Hidalgo, Tex., in apple in baggage from Mexico; at Honolulu, Hawaii in coffee berry and in coconut in baggage in preflight inspection of airplanes leaving Hawaii for the mainland; in *Sesbania grandiflora* flower in preflight inspection of mail

leaving Hawaii for the mainland; and in guava in air cargo from the Straits Settlements; at New Orleans, La., in orange in stores from Spain; at New York, N. Y., (pupa) with banana in cargo from Guatemala; in chestnut in baggage from Italy; in European grape in cargo from Argentina; in fig in air baggage from Lebanon; in orange in air stores from the Union of South Africa; and 5 pupae attached to paper in basket of fruit in air baggage from Italy; at Nogales, Ariz., in avocado in baggage from Mexico; and in *Crataegus* sp. in baggage from Mexico; at Port Arthur, Tex., (pupa) on floor of ice box where oranges from Spain had been stored; at San Juan, P. R., in grapefruit in stores from Brazil; at Washington, D. C., (pupae) with *Arnica cordifolia* flower and seed in mail from Canada; in *Ilex mutchagara* berry and in *Meliosma rigida* in mail from Japan; and in rose hips in mail from Sweden.

Other incompletely determined insects worthy of mention were:

Acrolophus sp. (Acrolophidae), presumably a new species, at Nogales, Ariz., with bulbstem yucca in cargo from Mexico.

Aleurocerus sp. (Aleyrodidae), undescribed, at Jacksonville, Fla., on decorative greenery in cargo from Mexico.

An aleyrodid, Aleyrodicinae, a new genus near *Aleurodicus*, at Laredo, Tex., on *Epidendrum mariae* plant in cargo; and on an orchid leaf in baggage from Mexico.

An aleyrodid, *Aleurodicus* sp., a new species near *coccolobae* Q. & B., at Miami, Fla., on bauhinia leaf in air baggage from Costa Rica.

Apsychomyrmex sp., a rather rare genus of ants, at Honolulu, Hawaii with orchids in air cargo from Costa Rica.

A tortricid, *Archips* sp., at Houston, Tex., in an apple in air baggage from Mexico.

Aspidiotus sp. (Coccidae), an undescribed species, at Hoboken, N. J., on *Odontoglossum pulchellum* leaf in air cargo from England.

Asterolecaniidae, "pretty surely a new genus and species, superficially, closest to *Mycetococcus*; an interesting collection," at Brownsville, Tex., on cycad in cargo from Mexico.

Baris sp., probably *lepidii* Germ., (Curculionidae) at Houston, Tex., in turnip in stores from France.

Baris sp. at New York, N. Y., in horseradish in air cargo from Poland; in horseradish in cargo from Yugoslavia; and in radish in air stores from Sweden.

A blastobasid, new to the National Museum collection, at Nogales, Ariz., with bulbstem yucca in cargo from Mexico.

Blastodacna sp. (Cosmopterygidae) at Washington, D. C., in *Malus* sp. in mail from France.

A curculionid, *Brachycerus* sp., at New York, N. Y., in *Pancreatium* sp. bulb in cargo from Turkey.

A curculionid, *Brachyrhinus* sp., at Hoboken, N. J., in soil with miscellaneous bulbs in mail from Switzerland.

Epicaerus sp. (Curculionidae) at Brownsville, Tex., in potatoes in stores from Mexico; at Eagle Pass., Tex., El Paso, Tex., and Hidalgo, Tex., in potatoes in baggage from Mexico; at Galveston, Tex., and Mobile, Ala., in potatoes in stores from Mexico.

"*Eulia*" sp. (Tortricidae) at New York, N. Y., in grape, nectarine, peach, and plum in cargo from Chile.

A scarabaeid, *Euphoria* sp., new to the National Museum collection, at New Orleans, La., on a bale of sisal in cargo from Mexico.

Euscepes sp. (Curculionidae) at Charleston, S. C., and Houston, Tex., in sweetpotato in stores from Brazil; and in sweetpotato at Honolulu, Hawaii in air baggage from Okinawa.

Furcaspis sp. (Coccidae), an undescribed species, at Brownsville, Tex., on *Chamaedorea* sp. leaf in air cargo from Mexico.

Gelechiid, new to the National Museum collection, at Boston, Mass., in pistache seed in air baggage from Italy.

Grapholitha sp., presumably *molesta* (Olethreutidae), at Philadelphia, Pa., in apple in stores from Japan.

Grapholitha sp., near or = *packardi* Zell. (Olethreutidae), at El Paso, Tex., on *Crataegus* sp. in baggage from Mexico.

An olethreutid, *Gymnandrosoma* sp., near or = *aurantianum* Costa Lima, at Laredo, Tex., in mango in baggage from Mexico; at Houston, Tex., in orange in stores from Argentina; and at New Orleans, La., in purple mombin in air baggage from Mexico.

Lema sp., probably *lichensis* Voet. (Chrysomelidae), at Chicago, Ill., with cut asters in air baggage from Germany.

A curculionid, *Lixus* sp. at Philadelphia, Pa., in stores from Egypt and Italy; and at New York, N. Y., in *Cynara* sp. bud in cargo from Italy.

Mediolata sp. (Stigmaeidae), a unique specimen, at Honolulu, Hawaii on Mandarin orange in air stores from Japan.

A chrysomelid, *Omoplatia* sp., new to the National Museum collection, at Galveston, Tex., in banana debris in cargo from Ecuador.

Palaeopus sp. (Curculionidae) at New York, N. Y., in yam in air baggage from British West Indies; and in yam in air cargo from Jamaica.

A coccid, "*Phenacoccus*" sp.—*Phenacoccus* series but not characteristic for the genus and not placed as described—at Hoboken, N. J., on *Ornithogalum* sp. in mail from the Union of South Africa.

Prays sp. (Hyponomeutidae) at Honolulu, Hawaii in *Pelea* sp. in mail leaving Hawaii for the mainland.

A curculionid, *Premnotrypes* sp., at Galveston, Tex., in potato in stores from Peru; and at Mobile, Ala., in potato in stores from Colombia.

Procryptotermes sp. (Kalotermitidae), a new species, at Christiansted, St. Croix in dry tamarind wood in stores from the French West Indies.

Procumbitermes sp. (Termitidae) at New York, N. Y., in nest built of mud in air cargo from Belgian Congo.

Pseudococcus sp. (Coccidae), not placed as a described species, was intercepted 41 times at 13 different ports on various plant material from the following countries: Barbados, Brazil, Canal Zone, Canary Islands, Chile, Costa Rica, Ecuador, Guatemala, India, Indo-China, Japan, Mexico, Peru, Philippines, Spain, and Tortola.

Pseudoparlatoria sp. (Coccidae), not placed as any of the described species, at Hoboken, N. J., on anthurium leaf in air cargo from Colombia.

Puto sp. (Coccidae), probably undescribed, at Brownsville, Tex., and at Laredo, Tex., on anthurium and philodendron in cargo from Mexico; and at Miami, Fla., on an orchid leaf in air cargo from Mexico.

A scolytid, *Scolytus* sp., at New York, N. Y., in unidentified wood in cargo from Sweden.

Steatococcus sp. (Coccidae), not placed as one of the described species but a North American relative of *Icerya*, at Nogales, Ariz., on jumping bean in cargo from Mexico.

DISEASES

Incompletely determined pathogens worthy of mention were:

Ascochyta sp. at Washington, D. C., on a leaf of *Araujia* sp. in mail from Portugal.

Cercospora sp., close to *panacis* Thrum. & Chupp, at Honolulu, Hawaii on *Nothopanax* sp. in air stores from the Fiji Islands.

Cercospora sp. at Miami, Fla., on a leaf of *Cassia moschata* in air mail from the Canal Zone; and at Houston, Tex., on *Chamaedorea* sp. fronds in air cargo from Mexico.

Coniothecium sp. at Laredo, Tex., on *Oncidium* sp. in cargo from Mexico; and at Nogales, Ariz., on cactus in cargo from Mexico.

Coniothyriopsis sp. at Nogales, Ariz., on agave and *Lemaireocerus* sp. in baggage from Mexico and organpipe-cactus in cargo from Mexico.

Coniothyrium sp. at Nogales, Ariz., on orchid in mail from Mexico.

Echidnodes sp. at San Francisco, Calif., on *Laelia superbiens* in cargo from Guatemala.

Helminthosporium sp. at Nogales, Ariz., on cantaloupe in cargo from Mexico.

Hendersonia sp. at Honolulu, Hawaii on *Nothopanax* sp. in air stores from the Fiji Islands.

Hysterographium sp., close to *mori* (Schw.) Rehm, on organpipe-cactus in cargo from Mexico.

Isaria sp. at San Antonio, Tex., on *Chamaedorea oblongata* leaf in air cargo from Mexico.

Leptographium sp. at Nogales, Ariz., on guava in baggage from Mexico.

Leptosphaeria sp. at Laredo, Tex., on agave in baggage from Mexico; at New York, N. Y., on a leaf of *Erythrophleum guineense* in air cargo from Gold Coast; at Philadelphia, Pa., on a leaf of Musaceae in air baggage from Denmark; and at San Pedro, Calif., on Jobs-tears in cargo from Japan.

Lophodermium sp. at Brownsville, Texas, on an orchid leaf in cargo from Mexico.

Microstroma sp. at Hoboken, N. J., on *Pelargonium* sp. leaf in mail from France; and at Philadelphia, Pa., on apple in stores from Egypt.

Neohoeheia sp. at Washington National Airport, Arlington, Va., on tangerine in air stores from Africa.

Ophiostoma sp. at Hoboken, N. J., on gladiolus in mail from Czechoslovakia.

Pestalotia sp. at Laredo, Tex., on mamey in baggage from Mexico; at San Pedro, Calif., on Jobs-tears in cargo from Japan; and at New Orleans, La., on avocado in air baggage from Salvador.

Phyllosticta sp. at Brownsville, Tex., on *Chamaedorea* sp. in baggage from Mexico; at El Paso, Tex., on a sapote leaf in mail from Mexico; at Miami, Fla., on gardenia leaf in quarters from Cuba; and at San Juan, P. R., on agave in air baggage from St. Martin.

Phyllostictina sp. at Honolulu, Hawaii on *Barringtonia speciosa* in air baggage from Kwajalein.

Rhytisma sp. at Washington, D. C., on Japanese azalea in mail from Japan.

Septonema sp., close to *toruloides* Cke. & Ell., at Laredo, Tex., on *Chamaedorea* sp. in cargo from Mexico.

Septoria sp. at Brownsville, Tex., on philodendron in cargo from Mexico; at Laredo, Tex., on avocado in baggage from Mexico; at Nogales, Ariz., on yucca in cargo from Mexico; and at San Pedro, Calif., on an oak leaf in air baggage from Denmark.

Stachybotrys sp., probably *atrata* Cda., at Nogales, Ariz., on cantaloupe in cargo from Mexico.

Uredo sp. at Miami, Fla., on *Tillandsia* sp. leaf in air baggage from Mexico; and on *Trigonidium seemannii* leaf in air mail from the Canal Zone.

Verticillium sp. at Philadelphia, Pa., on a willow twig in quarters from the Netherlands.

Zygosporium sp., probably *oschioides* Mont., at Brownsville, Tex., on *Chamaedorea* sp. leaf in air cargo from Mexico.

NEMATODES

Aphelenchoides sp. at Boston, Mass., with amaryllis bulbs in air baggage from Bermuda; in beet in stores from the Netherlands; in celeriac in stores from Germany; with holly cutting in air baggage from Ireland; in lily-of-the-valley pips in air baggage from England; in oak timber in cargo from England; in onion in air baggage and cargo from Italy; in soil with cactus plant in baggage from Canada; in soil with carrots, parsnips, and potatoes in stores from Argentina; in soil with hydrangea plant in air baggage from Iran; in soil with rosemary plant in air baggage from Italy; and with potatoes in stores from Poland; at Key West, Fla., in soil from an automobile from Cuba; at Miami, Fla., in soil with aloe, croton, and an unknown plant in air baggage from Jamaica; in soil with cactus plants in air baggage from Brazil; in soil with carrots in stores from Germany; and in soil with an unknown plant in air baggage from Panama; at Newport News, Va., in soil with lily bulbs in cargo from Japan; at Nogales, Ariz., with a coleus plant in baggage from Mexico; at Norfolk, Va., in unknown flower bulbs and lily bulbs in cargo from Japan; at Pensacola, Fla., in soil in potato bin in stores from Belgium; and at San Francisco, Calif., with roots of tree peonies in cargo from Japan.

Aphelenchus sp. at Boston, Mass., in soil with cactus plant in baggage from Canada; in soil with carnation plants in air baggage from Greece; in soil with carrots in stores from Australia; in soil with carrots, parsnips, and potatoes in stores from Argentina; with celery in stores from the Union of South Africa; with horseradish in stores from Japan; in soil with onions in cargo from Italy; in soil with peanuts in mail from Barbados; in soil with miscellaneous plants in air baggage from Portugal; in soil with potatoes in stores from Poland; and with tulip bulbs in baggage from the Netherlands; at Key West, Fla., in soil with sansevieria plant in baggage from Cuba; at Miami, Fla., in soil with beadplant in baggage from France; in soil with garlic in stores from Israel and Italy; in soil with iris plants in air baggage from Cuba; in soil with mint plants in air baggage from Cuba; in soil with orchid plants in air baggage from Colombia; and in soil with unknown plants in air baggage from Jamaica and Panama; at New Orleans, La., in soil with an undetermined legume in air baggage from Jamaica; at Pensacola, Fla., in soil with carrots in stores from England; at San Diego, Calif., in gladiolus corm in baggage from Mexico; and at Tampa, Fla., in soil with beets in stores from Germany.

Ditylenchus sp. at Boston, Mass., in soil with cactus plants in baggage from Canada; in soil with carnation and primrose plants and tuberose bulbs in air baggage from England; in soil with oleander plants in air baggage from Ireland; in soil with onions in cargo from Italy; and in soil with unidentified plants in air baggage from Portugal; at Hoboken, N. J., in *Tigridia* sp. bulbs in mail from the Netherlands; at Key West, Fla., in soil from an automobile from Cuba; and at Miami, Fla., in soil with assorted plants in air baggage from Honduras.

Helicotylenchus sp. at Boston, Mass., in soil with hydrangea plants in air baggage from Iran; in soil with unknown plants in baggage from Brazil; at Laredo, Tex., in caladium and philodendron roots in baggage from Mexico; at Miami, Fla., in soil with assorted plants in air baggage from Costa Rica; and in soil with violet roots in air baggage from Costa Rica.

Heterodera sp., possibly *major*, at New York, N. Y., in soil with *Monarda didyma* plants in baggage from England.

Heterodera, new species, at Miami, Fla., in soil with beadplant in baggage from France.

Other members of the genus *Heterodera* were intercepted 360 times at 26 ports from the following countries: Argentina, Azores, Belgium, Brazil, Canada, Canary Islands, Denmark, Egypt, England, France, Germany, Greece, Hong Kong, Hungary, India, Iran, Ireland, Israel, Italy, Japan, Lebanon, Liberia, Malta, Mexico, Morocco, Netherlands, New Zealand, Norway, Philippines, Poland, Portugal, Scotland, Spain, Sweden, Switzerland, Union of Soviet Socialist Republics, and Yugoslavia. These interceptions were made from soil samples; soil with new and used automobiles; soil with army vehicles; soil with potatoes in railway car; soil in sweeping from a railway car; soil with bulbs and tubers in baggage, cargo, and mail; soil with plant material in baggage and mail; and in soil with vegetables in cargo and stores.

Hoplolaimus sp. at Laredo, Tex., with roots of Indian rubber tree in cargo from Mexico; and at Boston, Mass., in soil with wallflowers in baggage from Ireland.

Meloidogyne sp., perhaps *javanica*, at Miami, Fla., in soil with assorted plants in air baggage from Honduras.

Meloidogyne sp. at Boston, Mass., with celery in stores from the Union of South Africa; and in soil with plants in air baggage from Greece; at Brownsville, Tex., in root gall on dracaena plant in baggage from Mexico; at Hoboken, N. J., in *Achimenes* spp. tubers in air cargo from the Netherlands; in *Aconitum napellus*, *Ajuga reptans atropurpurea*, and *Anaphalis triplinervis* roots in cargo from the Netherlands; in *Begonia rex* roots in air mail from England; in calla tubers in cargo from Italy; in *Ceanothus* sp. roots in cargo from the Netherlands; in *Caladium candidum* tubers in cargo from Guatemala; in clematis in cargo from the Netherlands; in *Columnea pilosissima* roots in mail from Scotland; in *Epimedium* sp. roots in cargo from England; in *Genista lydia* roots in air cargo from England; in geranium roots in mail from France; in gerbera roots in air cargo from India; in ginger roots in mail from Peru; in hepatica roots in mail from England; in Japanese iris roots in cargo from Japan; in *Kaempferia rotunda* tubers in mail from the Netherlands; in *Kaempferia* sp. tubers in cargo from India; in passion flower roots in mail from Bermuda; and in roots of roses in mail from France; at Laredo, Tex., in philodendron and spiraea roots in baggage from Mexico; at Miami, Fla., in acacia roots in air mail from Venezuela; in beadplant in baggage from France; and in soil with African violets in air baggage from Ecuador; and at New York, N. Y., in aster roots in quarters from Japan.

Nothotylenchus sp. at Boston, Mass., in soil with hydrangea plant in air baggage from Iran; and at Key West, Fla., in sample of soil from Cuba.

Paratylenchus sp. at Miami, Fla., in soil with celery in stores from Germany; and in soil with sansevieria plant in air baggage from Haiti.

Pratylenchus, new species, at Miami, Fla., in beadplant in baggage from France.

Pratylenchus sp. at Boston, Mass., in dahlia root in air baggage from Italy; in soil with dwarf pine in quarters from Japan; in soil with potatoes in stores from Argentina; at Brownsville, Tex., in soil with a begonia plant in air baggage from Nicaragua; at Hoboken, N. J., in *Helleborus niger maximus* roots in air cargo from the Netherlands; in Japanese iris roots in cargo from Japan; in roots of *Ranunculus acris* Double in mail from Germany; at Laredo, Tex., in begonia tubers in baggage from Mexico; at Miami, Fla., in garlic in stores from Italy; at New York, N. Y., in lily-of-the-valley pips in baggage from Italy; at San Francisco, Calif., in lily-of-the-valley pips in cargo from Denmark and Germany and in mail from Denmark; and at Washington, D. C., in a soil sample in mail from Colombia.

Psilenchus sp. at Boston, Mass., in soil with leek in stores from Egypt.

Rotylenchus, new species, at Key West, Fla., in soil with sansevieria plant in baggage from Cuba; and at Miami, Fla., in soil with celery in stores from France.

Rotylenchus sp. at Boston, Mass., in soil with carnation plants in air baggage from the Azores; in soil with lily-of-the-valley pips in air baggage from England; and in soil with violet plants in air baggage from Italy; at Miami, Fla., in soil with celery in stores from Germany; at New Orleans, La., in soil with legumes in air baggage from Jamaica; and at New York, N. Y., in soil with citrus tree and olive tree in baggage from Italy.

Tylenchorhynchus sp., possibly *clarus* Allen, at Boston, Mass., in soil with celery in stores from Egypt.

Tylenchorhynchus, new species, at Miami, Fla., in soil with roots of an unknown plant in air baggage from Jamaica.

Tylenchorhynchus sp. at Boston, Mass., in soil with carnation and primrose plants and tuberose bulbs in air baggage from England; in soil with carnation plant and in soil with onion sets in air baggage from Italy; at Miami, Fla., in soil with celery in stores from Germany; in soil with garlic in stores from Italy; and in soil with iris plant in air

baggage from Cuba; and at Tampa, Fla., in soil with unidentified bulbs in air baggage from Cuba.

Tylenchus, new species, at Miami, Fla., in soil with violet plants in air baggage from Costa Rica.

Tylenchus sp. at Boston, Mass., in soil on an automobile from England; in soil with azalea, fuchsia, ivy, and tradescantia plants in air baggage from Germany; in soil with carnation plants in air baggage from Italy; in soil with holly cuttings in air baggage from Ireland; and with oak timber in cargo from England; at Key West, Fla., in soil on an automobile from Cuba; and in soil with sansevieria plant in baggage from Cuba; at Miami, Fla., in soil with carrots in stores from Germany; in soil with caladium, lily, mint, and peperomia plants in air baggage from Panama; in soil with copperleaf plant in air baggage from Cuba; and in soil with sansevieria plant in air baggage from Haiti; at New Orleans, La., in soil with undetermined legume in baggage from Jamaica; at New York, N. Y., in soil with citrus and olive trees in baggage from Italy; and at Tampa, Fla., in soil with unidentified bulbs in air baggage from Cuba.

Xiphinema sp., near *index* Thorne & Allen, at Miami, Fla., in soil with carnation plant in air baggage from Cuba.

Xiphinema sp. at Miami, Fla., in soil with codium plant in air baggage from Colombia.

Summary of Numbers of Interceptions Listed in Main Table

Country	Insect	Disease	Country	Insect	Disease
	Number	Number		Number	Number
Africa:			Europe—Continued		
Africa.....	0	1	Spain.....	13	7
Algeria.....	3	0	Sweden.....	13	3
Angola.....	1	0	Switzerland.....	3	42
Cape Verde Islands.....	2	0	Yugoslavia.....	6	0
Egypt.....	11	0	North America:		
French Equatorial Africa.....	1	0	Bermuda.....	9	0
French West Africa.....	2	1	Canada.....	12	9
Liberia.....	1	1	Canal Zone.....	42	5
Libya.....	1	0	Central America:		
Madeira Islands.....	3	0	British Honduras.....	12	5
Morocco.....	40	3	Central America (country ?).....	1	0
Mozambique.....	1	5	Costa Rica.....	21	19
Nigeria.....	1	1	Guatemala.....	32	9
Sierra Leone.....	4	1	Honduras.....	7	5
Tripoli.....	1	0	Nicaragua.....	19	0
Union of South Africa.....	18	57	Panama.....	24	3
			Panama (?).....	1	0
			Salvador.....	30	7
Asia:			Iceland.....	0	3
China.....	4	30	Mexico.....	581	229
Formosa.....	16	1	West Indies:		
Hong Kong.....	1	28	American Virgin Islands.....	1	0
India.....	13	8	Anguilla.....	2	0
Indonesia.....	2	1	Antigua.....	5	1
Iran.....	2	2	Bahamas.....	10	2
Iraq.....	1	0	Barbados.....	1	0
Israel.....	6	2	Cuba.....	50	13
Japan.....	132	150	Curacao.....	2	0
Kuwait.....	1	0	Dominican Republic.....	22	6
Lebanon.....	3	0	Haiti.....	9	2
Macao.....	0	2	Jamaica.....	47	5
Pakistan.....	2	1	Jost Van Dyke.....	3	0
Palestine.....	0	1	Martinique.....	0	1
Straits Settlements.....	4	0	Montserrat.....	1	0
Syria.....	1	0	Puerto Rico.....	29	12
Thailand.....	2	5	St. Kitts.....	5	1
Turkey.....	0	1	St. Lucia.....	1	0
			St. Martin.....	1	0
Australasia:			St. Vincent.....	2	0
Australia.....	7	30	Tortola.....	11	0
Australia (?).....	1	0	Trinidad.....	11	0
Guam.....	3	1	South America:		
Hawaii.....	340	4	Argentina.....	5	26
Kwajalein.....	0	2	Bolivia.....	0	1
Marquesas Islands.....	0	1	Brazil.....	16	56
New Guinea.....	1	1	Brazil (?).....	4	0
New Zealand.....	0	10	British Guiana.....	14	2
Norfolk Island.....	0	3	Chile.....	14	0
Philippines.....	14	3	Colombia.....	10	2
Philippines (?).....	1	0	Ecuador.....	26	24
Tahiti.....	3	1	Netherlands Guiana.....	1	1
Wake Island (?).....	0	1	Peru.....	3	3
West Pacific.....	2	0	South America (country ?).....	1	0
			Venezuela.....	9	0
Europe:			Total:		
Austria.....	2	4	Africa.....	90	69
Azores.....	12	7	Asia.....	190	232
Belgium.....	24	8	Australasia.....	372	56
Czechoslovakia.....	0	1	Europe.....	526	319
Denmark.....	4	3	North America.....	1,004	337
England.....	51	63	South America.....	90	115
England (?).....	0	1	Unknown.....	18	7
Europe (?).....	1	0	Total.....	2,290	1,135
Finland.....	1	0	Total incompletely determined.....	1,494	731
France.....	46	17	Total insect interceptions.....	3,784	
Germany.....	43	37	Total disease interceptions.....		1,866
Gibraltar.....	1	0	Grand total.....		1,550
Greece.....	9	4			
Ireland.....	9	14			
Italy.....	201	31			
Netherlands.....	46	38			
Northern Ireland.....	1	1			
Norway.....	4	0			
Poland.....	1	0			
Portugal.....	14	6			
Scotland.....	21	28			

¹ This total represents only pests of known or potential plant-quarantine importance or certain organisms of scientific importance. The total of all interceptions made during the year was 15,058.

NOTE.—Interceptions were also made from Aruba, Belgian Congo, British West Indies, Burma, Cameroons, Canary Islands, Canton Island, Ceylon, Christmas Island, Fanning Island, Fiji Islands, French West Africa, French West Indies, Ghana, Greenland, Hungary, Indo-China, Java, Johnston Island, Kenya, Korea, Malta, Nepal, Nevis, New Caledonia, Okinawa, Rhodesia, Sumatra, and Union of Soviet Socialist Republics.

Pests collected and reported from July 1, 1956, through June 30, 1957

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Acanthoscelides armitagei</i> (Pic) (Bruchidae):					
<i>Cajanus</i> sp.-----	Panama-----	1			N. Y.
<i>Pisum sativum</i> (pea)-----	do-----	2			Fla.
" <i>Acanthoscelides</i> " <i>spinipes</i> (Er.) (Bruchidae):					
Legume-----	Greece-----			1	N. J.
<i>Aceria macrocheilus</i> (Nal.) (Eriophyidae):					
<i>Acer</i> sp. (maple)-----	England-----		3		Mass.
<i>Acidia heraclei</i> (L.) (?) (Tephritidae):					
<i>Apium graveolens</i> (celery)-----	France-----		2		Va.
<i>Acrolepia assectella</i> (Zell.) (Hyponomeutidae):					
<i>Allium porrum</i> (leek)-----	France, Morocco, Spain-----		3		Pa.
<i>Adelphocoris seticornis</i> (F.) (Miridae):					
<i>Trifolium agrarium</i> (hop clover)-----	Switzerland-----			1	D. C.
<i>Adoretus sinicus</i> Burm. (Scarabaeidae):					
Flowers-----	Hawaii-----	1			Hawaii.
<i>Hibiscus</i> sp.-----	do-----	1			Hawaii.
<i>Phajus</i> sp. (orchid)-----	do-----	1			Hawaii.
<i>Adoxophyes orana</i> (F. R.) (Tortricidae):					
<i>Syringa</i> sp. (lilac)-----	Netherlands-----	15			N. Y.
<i>Aganactesis indecora</i> Dyar (Galleriidae):					
<i>Cassia fistula</i> (golden-shower)-----	Dominican Republic-----	1			P. R.
<i>Aglossa cuprealis</i> Hbn. (Pyrilidae):					
<i>Allium sativum</i> (garlic)-----	Italy-----	1			N. Y.
Herbs and plants in soil-----	Portugal-----			1	N. Y.
<i>Sansevieria</i> sp.-----	do-----	1			N. Y.
<i>Agroiconota propinqua</i> (Boh.) (Chrysomelidae):					
<i>Ananas comosus</i> (pineapple)-----	Dominican Republic-----			4	P. R.
<i>Aleurocanthus woglumi</i> Ashby (Aleyrodidae):					
<i>Citrus aurantifolia</i> (sour lime)-----	Mexico-----	2			Tex.
<i>Citrus</i> sp.-----	Mexico, Nicaragua-----	7			Tex.
Greens—decorative-----	Mexico-----	1			Fla.*
Plant—undetermined-----	do-----			1	Ariz.
<i>Aleuroplatus mammaeferus</i> Q. & B. (Aleyrodidae):					
<i>Codiaeum</i> sp. (croton)-----	Australia (?)-----	1			Hawaii.
<i>Aleurothrixus floccosus</i> (Mask.) (Aleyrodidae):					
<i>Psidium guajava</i> (guava)-----	Mexico-----	1			Tex.
<i>Aleurotuberculatus aucubae</i> (Kuw.) (Aleyrodidae):					
<i>Citrus aurantium</i> var.-----	Japan-----		1		Calif.*
<i>Alpheias conspirata</i> Hein. (Galleriidae):					
<i>Ananas comosus</i> (pineapple)-----	Mexico-----	3			Tex.
<i>Anastrepha fraterculus</i> (Wied.) (Tephritidae):					
<i>Prunus persica</i> (peach)-----	Peru-----	1			Fla.
<i>Anastrepha ludens</i> (Loew) (Tephritidae):					
<i>Casimiroa edulis</i> (white sapote)-----	Mexico-----	3			N. Y., Tex.
<i>Citrus aurantifolia</i> (sweet lime)-----	do-----	9			Tex.
<i>Citrus limon ponderosa</i> (ponderosa lemon)-----	do-----	1			Tex.
<i>Citrus paradisi</i> (grapefruit)-----	British Honduras, Mexico-----	15	3		Fla.*, Tex.
<i>Citrus reticulata</i> (Mandarin orange)-----	Mexico-----	1			Tex.
<i>Citrus sinensis</i> (orange)-----	Guatemala, Mexico-----	128	8		Ariz., Calif., Calif.*, La., Tex.
<i>Cydonia oblonga</i> (quince)-----	Mexico-----	4			Tex.
<i>Malus sylvestris</i> (apple)-----	do-----	2			Tex.
<i>Mangifera indica</i> (mango)-----	Guatemala, Mexico-----	70	1		Ariz., Calif., Calif.*, La., Tex.
<i>Prunus persica</i> (peach)-----	Mexico-----	1			Tex.
<i>Pyrus communis</i> (pear)-----	do-----	9			Tex.
<i>Anastrepha ludens</i> (Loew) (?) (Tephritidae):					
<i>Calocarpum sapota</i> (mamey sapote)-----	do-----	1			Tex.
<i>Mangifera indica</i> (mango)-----	do-----	1			Tex.
<i>Anastrepha mombinpraepalans</i> Scin (Tephritidae):					
<i>Eugenia floribunda</i> (guava berry)-----	Tortola-----	2			St. Croix, St. Thomas & St. John

Pests collected and reported from July 1, 1956, through June 30, 1957—Continued
 [An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Prop. ga-tion	
<i>Mangifera indica</i> (mango) -----	Antigua, British Honduras, Costa Rica, Cuba, Dominican Republic, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico, St. Kitts, Salvador, Tortola, Trinidad, unknown.	121	6	-----	Ala., Calif., Calif.*, Fla., Fla.*, Ga., La., N. Y., P. R., St. Croix, St. Thomas & St. John, Tex., Va.
<i>Psidium guajava</i> (guava) -----	Cuba, Guatemala, Mexico, Tortola.	8	-----	-----	Calif.*, Fla.*, St. Thomas & St. John, Tex.
<i>Spondias mombin</i> (yellow mombin) -----	Central America, Dominican Republic, Guatemala, Nicaragua, St. Martin, Salvador.	18	-----	-----	Calif.*, La., P. R. Tex.
<i>Spondias purpurea</i> (purple mombin) -----	Guatemala, Mexico, Nicaragua.	7	-----	-----	La., Tex.
<i>Spondias</i> sp. (mombin) -----	British Honduras, Guatemala, Salvador, Dominican Republic.	6	-----	-----	La., Tex.
<i>Terminatia catappa</i> (bitter-almond) <i>Anastrepha mombinpraeoptans</i> Sein (?) (Tephritidae):	-----	-----	1	-----	Pa.
<i>Mangifera indica</i> (mango)	Ecuador, Venezuela.	1	1	-----	La., Pa.
<i>Anastrepha serpentina</i> (Wied.) (Tephritidae):	Nicaragua	1	-----	-----	Calif.*
<i>Achras zapota</i> (sapodilla) -----	Colombia, Mexico, Nicaragua.	4	2	-----	Calif.*, La., Tex.
<i>Calocarpum sapota</i> (mamey sapote) -----	Mexico	1	-----	-----	Calif.*
<i>Mammea americana</i> (mamey) <i>Anastrepha striata</i> Schin. (Tephritidae):	-----	-----	-----	-----	-----
<i>Psidium guajava</i> (guava) -----	Guatemala, Mexico, Puerto Rico, Salvador.	5	-----	-----	Ariz., Ill., La., Tex.
<i>Anastrepha suspensa</i> (Loew) (Tephritidae):	-----	-----	-----	-----	-----
<i>Psidium guajava</i> (guava) -----	Jamaica, Puerto Rico	8	-----	-----	N. Y., P. R.
<i>Ancylostoma stercorea</i> (Zell.) (Phycitidae):	-----	-----	-----	-----	-----
<i>Cajanus cajan</i> (pigeonpea) -----	Bahamas, Dominican Republic, Haiti, Jamaica, Jost Van Dyke, Panama, St. Kitts, Tortola, Trinidad.	18	1	-----	Fla.*, N. Y., P. R., St. Thomas & St. John.
<i>Pisum sativum</i> (pea) -----	Jamaica, Panama, Puerto Rico.	4	-----	-----	Fla.*, Ill.
<i>Antispila rivillei</i> (Stt.) (?) (Heliozelidae):	-----	-----	-----	-----	-----
<i>Vitis</i> sp. (grape)	Italy	1	-----	-----	Mass.
<i>Anuraphis cardui</i> (L.) (Aphidae):	-----	-----	-----	-----	-----
<i>Chrysanthemum</i> sp.	England	-----	-----	1	N. J. La.
<i>Cynara scolymus</i> (globe artichoke) -----	Algeria	-----	1	-----	-----
<i>Anuraphis tulipae</i> (Fonse.) (Aphidae):	-----	-----	-----	-----	-----
<i>Apium graveolens</i> (celery)	Egypt	-----	1	-----	Pa.
<i>Iris subbiflora</i> (Portugal iris) -----	Portugal	-----	-----	1	D. C.
<i>Iris</i> sp.	England	-----	-----	2	N. J.
<i>Tigridia lutea immaculata</i> -----	Netherlands	-----	-----	1	N. J.
<i>Tulipa</i> sp. (tulip) -----	do	-----	1	1	Tex.
<i>Aracercus levipennis</i> Jord. (Anthribidae):	-----	-----	-----	-----	-----
<i>Leucaena glauca</i>	Hawaii	11	-----	-----	Hawaii.
<i>Arctothezia cataphracta</i> (Olaf.) (Coccidae):	-----	-----	-----	-----	-----
<i>Erica</i> sp. (heath)	Scotland	1	-----	-----	Mass.
Forest litter	do	-----	-----	1	Wash.
<i>Ardis sulcata</i> (Cam.) (Tenthredinidae):	-----	-----	-----	-----	-----
<i>Rosa</i> sp. (rose)	Germany	-----	1	-----	Pa.
<i>Arge ochropa</i> Gmel. (Argidae):	-----	-----	-----	-----	-----
<i>Rosa</i> sp. (rose)	do	1	-----	-----	Ill.

Pests collected and reported from July 1, 1956, through June 30, 1957—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Argina cribraria</i> (Clerck) (Arctiidae):					
Passenger's quarters	Unknown		1		Hawaii.
<i>Argyresthia conjugella</i> (Zell.) (Hyponomeutidae):					
<i>Malus sylvestris</i> (apple)	Norway	1			N. Y.
<i>Sorbus aucuparia</i> (European mountain ash)	do	1			N. Y.
<i>Arion circumscriptus</i> Johnston (Mollusca):					
Bulb	Austria			1	N. Y.
<i>Lactuca sativa</i> (lettuce)	Unknown		1		N. Y.
<i>Artipus griseus</i> Chevr. (Curculionidae):					
Orchid	Jamaica	1			Fla.*
<i>Aspidiotus australiensis</i> Kuw. (Coccidae):					
<i>Dendrobium undulatum</i> (orchid)	Australia			1	Hawaii.
<i>Dendrobium</i> sp.	do			2	Hawaii.
<i>Aspidiotus degeneratus</i> (Leon) (Coccidae):					
<i>Camellia sasanqua</i> (sasanqua tea)	Japan			1	D. C.
<i>Aspidiotus destructor</i> Sign. (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Cuba, Mexico, Philippines.	4	1		Calif.* Fla.* Tex.
<i>Nipa fruticans</i> (Nipa palm)	Tahiti			1	Hawaii.
<i>Persea americana</i> (avocado)	Cuba, Mexico	1	1		Fla.* Calif.*
<i>Prunus amygdalus</i> (almond)	Bahamas	1			Fla.*
<i>Aspidiotus diffinis</i> Newst. (Coccidae):					
<i>Amherstia nobilis</i> (flame amherstia)	Jamaica			1	D. C.
<i>Asterobemisia carpini</i> (Koch) (Aleyrodidae):					
<i>Rubus</i> sp.	France		7		Ill., Mass.
<i>Asterolecanium epidendri</i> (Bouche) (Coccidae):					
<i>Epidendrum</i> sp. (orchid)	Brazil, Mexico	1		1	Calif.*
Orchid	Jamaica			1	Fla.
<i>Asterolecanium miltaris robustum</i> Green (Coccidae):					
Bamboo	Antigua	1			Mass.
<i>Asterolecanium petrophilae</i> (Fuller) (Coccidae):					
<i>Conospermum triplinervium</i> (smokebush)	Australia			1	Fla.*
<i>Aufeis impressicollis</i> Stal (Coreidae):					
Cactus	Mexico			1	Tex.
<i>Aulacaspis mangiferae</i> (Newst.) (Coccidae):					
<i>Mangifera indica</i> (mango)	Panama	1			Fla.*
<i>Bephrata maculicollis</i> Cam. (Eurytomidae):					
<i>Ammona muricata</i> (soursop)	Venezuela	1			P. R.
<i>Plastophagus piniperda</i> (L.) (Scolytidae):					
<i>Abies</i> sp. (fir)	England	1			S. C.
<i>Pinus</i> sp. (pine)	do	1			N. Y.
<i>Blissus leucopterus</i> (Say) (Lygaeidae):					
<i>Solanum melongena</i> (eggplant)	Mexico	3			Ariz.
<i>Blissus leucopterus insularis</i> Barber (Lygaeidae):					
<i>Ananas comosus</i> (pineapple)	Dominican Republic			1	P. R.
<i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Tex.
<i>Bouhelia maroccana</i> Bal. (Coccidae):					
<i>Muscari comosum</i> (cipollino)	Morocco	3			N. Y.
<i>Brachyercus albidentatus</i> Gyll. (Curculionidae):					
<i>Allium sativum</i> (garlic)	Italy	1	1		Mass., Tex.
<i>Brachyercus alpinus</i> (F.) (Curculionidae):					
<i>Allium sativum</i> (garlic)	Italy, Spain	2	1		Mass., N. Y., Tex.
<i>Brachyrhinus ovatus</i> (L.) (Curculionidae):					
Soil with mixed plants	Canada	1			N. Y.
<i>Bradybaena similaris</i> (Fer.) (Mollusca):					
<i>Alpinia purpurata</i>	Hawaii	1			Hawaii.
<i>Anthurium</i> sp.	do	4			Hawaii.
<i>Colocasia</i> sp.	do	1			Hawaii.
<i>Cordyline terminalis</i> (ti)	do	7			Hawaii.
<i>Dieffenbachia</i> sp.	do	1			Hawaii.
<i>Lilium</i> sp. (lily)	Bermuda	1			N. Y.
<i>Operculina tuberosa</i> (wood-rose)	Hawaii	1			Hawaii.
<i>Strelitzia reginae</i> (bird-of-paradise-flower)	do	1			Hawaii.
<i>Vanda joaquimiae</i> (orchid)	do	3			Hawaii.

Pests collected and reported from July 1, 1956, through June 30, 1957—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Bradybaena similis</i> (Fer.) (Mollusca):—Con.					
<i>Vanda</i> sp.	do	78			Hawaii.
<i>Vanda</i> sp., <i>Anthurium</i> sp., & <i>Dracaena</i> sp.	do	18			Hawaii.
<i>Brevipalpus inornatus</i> (Baks) (Tenuipalpidae):					
<i>Camellia sinensis</i> (tea)	Japan			2	D. C.
<i>Myoporum laetum</i>	Italy			1	D. C.
<i>Rhododendron</i> sp.	Japan			1	D. C.
<i>Brevipalpus oncidii</i> Baker (Tenuipalpidae):					
<i>Oncidium phalaenopsis</i> (orchid)	Ecuador			1	Fla.
<i>Brevipalpus phoenicis</i> (Geijskes) (Tenuipalpidae):					
<i>Ananas comosus</i> (pineapple)	Dominican Republic			1	P. R.
<i>Brithys pancratii</i> (Cyr.) (Noctuidae):					
<i>Hymenocallis</i> sp.	France			1	D. C.
<i>Bruchophagus coluteae</i> (Boucek) (Eurytomidae):					
<i>Colutea arborescens</i>	Italy			1	N. J.
<i>Bruchophagus ononis</i> (Mayr) (?) (Eurytomidae):					
<i>Ononis pubescens</i>	Israel			1	D. C.
<i>Bruchus ervi</i> Froh. (Bruchidae):					
<i>Lens culinaris</i> (lentil)	Lebanon	1			N. Y.
<i>Bruchus lentis</i> Froh. (Bruchidae):					
<i>Lens culinaris</i> (lentil)	Egypt		1		N. Y.
<i>Bruchus luteicornis</i> Ill. (Bruchidae):					
<i>Vicia sativa</i> (vetch)	France, Portugal	2			Ala., Mass.
<i>Bruchus signaticornis</i> Gyll. (Bruchidae):					
<i>Lens culinaris</i> (lentil)	Italy	1			N. Y.
<i>Bruchus tristis</i> Boh. (Bruchidae):					
<i>Vicia faba</i> (broadbean)	do	1			N. Y.
<i>Bryobia cristata</i> (Duges) (Tetranychidae):					
<i>Rosa</i> sp. (rose)	Japan	1			Hawaii.
<i>Bryobia sarothamni</i> Geijskes (Tetranychidae):					
<i>Cytisus multiflorus</i> (white Spanish broom)	Portugal			1	D. C.
<i>Cactophagus validirostris</i> (Gyll.) (Curculionidae):					
<i>Monstera deliciosa</i>	Mexico			1	Tex.
<i>Calligrapha diversa</i> Stal (Chrysomelidae):					
Orchid	do			1	Tex.
<i>Tillandsia</i> sp.	do			1	Tex.
<i>Callosobruchus phaseoli</i> (Gyll.) (Bruchidae):					
Bean	Japan	1			Hawaii.
<i>Cajanus cajan</i> (pigeonpea)	Trinidad	1			N. Y.
<i>Phaseolus aureus</i> (mung bean)	Japan		1		N. Y.
<i>Capaneus tetricus</i> Stal (Coreidae):					
Orchid	Mexico			1	Tex.
<i>Carbula litigatrix</i> Kirk. (Pentatomidae):					
<i>Vitis</i> sp. (grape)	Union of South Africa	1			N. Y.
<i>Carposina sasakii</i> Mats. (Carposinidae):					
<i>Malus sylvestris</i> (apple)	Japan	1	5		Hawaii, Oreg., Wash.
<i>Caryedon fuscus</i> (Goeze) (Bruchidae):					
<i>Cassia nodosa</i>	Hawaii	3		1	Hawaii.
<i>Tamarindus indica</i> (tamarind)	Philippines, St. Thomas.	2			Hawaii, P. R.
<i>Caryedon fuscus</i> Goeze (?) (Bruchidae):					
<i>Arachis hypogaea</i> (peanut)	Cape Verde Islands	1			Mass.
<i>Tamarindus indica</i> (tamarind)	do	1			Mass.
<i>Caulophilus latinasus</i> (Say) (Curculionidae):					
<i>Chamaedorea</i> sp.	Mexico	1			Tex.
<i>Orbitmya cohune</i> (palm)	do			1	Tex.
<i>Cephaloleia atriceps</i> Pic (Chrysomelidae):					
Orchid	do			2	Tex.
<i>Ceratitis capitata</i> (Wied.) (Tephritidae):					
<i>Annona cherimola</i> (cherimoya)	South America	1			Fla.*
<i>Citrus limon</i> (lemon)	Italy		1		Pa.
<i>Citrus paradisi</i> (grapefruit)	Argentina, Bermuda, Israel, Italy.	1	3		Mass., N. Y., Pa., Tex.
<i>Citrus reticulata</i> (Mandarin orange)	Algeria, Italy, Spain	1	3		Md., N. Y.

Pests collected and reported from July 1, 1956, through June 30, 1957—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Ceratitis capitata</i> (Wied.) (Tephritidae):—Con.					
<i>Citrus sinensis</i> (orange)-----	Azores, Brazil, Egypt, France, Iraq, Italy, unknown.	1	7	-----	Mass., N. Y., Pa., S. C., Tex.
<i>Coffea</i> sp. (coffee)-----	Hawaii-----	7	-----	-----	Calif.* Hawaii.
<i>Crataegus</i> sp.-----	Italy-----	1	-----	-----	N. Y.
<i>Diospyros</i> sp. (persimmon)-----	do-----	1	-----	-----	N. Y.
<i>Eriobotrya japonica</i> (loquat)-----	do-----	1	-----	-----	N. Y.
<i>Ficus carica</i> (fig)-----	do-----	1	-----	-----	N. Y.
<i>Opuntia humifusa</i> (pricklypear)-----	Greece, Italy-----	5	-----	-----	N. Y.
<i>Persea americana</i> (avocado)-----	Hawaii-----	1	-----	-----	Hawaii
<i>Prunus armeniaca</i> (apricot)-----	France-----	-----	3	-----	Mass.
<i>Prunus domestica</i> (plum)-----	Germany, Italy-----	2	-----	-----	N. Y.
<i>Prunus persica</i> (peach)-----	Argentina, Azores, Italy, Union of South Africa.	3	2	-----	N. Y., Tex.
<i>Prunus</i> sp. (cherry)-----	Italy-----	1	-----	-----	N. Y.
<i>Pyrus communis</i> (pear)-----	Italy, unknown-----	4	1	-----	Mass., N. Y.
<i>Vitis</i> sp. (grape)-----	Union of South Africa-----	1	-----	-----	N. Y.
<i>Ceratitis capitata</i> (Wied.) (?) (Tephritidae):					
<i>Citrus sinensis</i> (orange)-----	Brazil, Gibraltar, Israel(?), Madeira Islands.	1	4	-----	La., Md., Mass., Tex.
<i>Coffea arabica</i> (Arabian coffee)-----	Hawaii-----	1	-----	-----	Hawaii.
<i>Coffea</i> sp. (coffee)-----	do-----	3	-----	-----	Hawaii.
<i>Psidium guajava</i> (guava)-----	Azores-----	1	-----	-----	Mass.
<i>Punica granatum</i> (pomegranate)-----	Italy-----	1	-----	-----	N. Y.
<i>Cerconota anonella</i> (Sepp) (Stenomidae):					
<i>Annona muricata</i> (soursop)-----	Honduras, Panama-----	2	-----	-----	Fla.* La.
<i>Annona squamosa</i> (sweet-sop)-----	Panama-----	1	-----	-----	Fla.*
<i>Ceroptastes rubens</i> Mask. (Coccidae):					
<i>Alyxia olivaeformis</i> (maile)-----	Hawaii-----	10	-----	-----	Hawaii.
<i>Anthurium</i> sp.-----	do-----	2	-----	1	Hawaii.
<i>Dieffenbachia</i> sp.-----	do-----	-----	-----	1	Hawaii.
<i>Gardenia</i> sp.-----	Japan-----	-----	-----	1	Calif.*
<i>Ceroptastes rusci</i> (L.) (Coccidae):					
<i>Ficus carica</i> (fig.)-----	Italy-----	1	-----	-----	Mass.
<i>Ceutorhynchus erysimi</i> (F.) (Curculionidae):					
<i>Raphanus sativus</i> (radish)-----	Algeria-----	-----	1	-----	Tex.
<i>Ceutorhynchus pleurostigma</i> Marsh. (Curculionidae):					
<i>Brassica napobrassica</i> (rutabaga)-----	Belgium-----	-----	1	-----	Tex.
<i>Chaetococcus bambusae</i> (Mask.) (Coccidae):					
Bamboo-----	China-----	1	-----	-----	Hawaii.
<i>Chalcodermus aeneus</i> Boh. (Curculionidae):					
<i>Cajanus cajan</i> (pigeonpea)-----	Bahamas, Canal Zone, Jost Van Dyke.	3	-----	-----	Fla.* Ill., St. Thomas & St. John.
<i>Chalepus omoger</i> Cr. (Chrysomelidae):					
Orchid-----	Mexico-----	-----	-----	1	Tex.
<i>Chelymophra varians</i> Blanch. (Chrysomelidae):					
<i>Vitis</i> sp. (grape)-----	Chile-----	1	-----	-----	N. Y.
<i>Chelysoma variabilis</i> (H.-S.) (Pentatomidae):					
In baggage-----	Costa Rica-----	1	-----	-----	Tex.
<i>Chilo loftini</i> Dyar (Crambidae):					
<i>Saccharum officinarum</i> (sugarcane)-----	Mexico-----	16	-----	-----	Ariz., Calif.*
<i>Zea mays</i> (corn)-----	do-----	6	-----	-----	Ariz.
<i>Chilo suppressalis</i> (Wlk.) (Crambidae):					
<i>Oryza sativa</i> (rice)-----	Japan, Spain-----	2	5	-----	Calif.* Mass., N. Y.
<i>Chrysomphalus bifasciculatus</i> Ferris (Coccidae):					
<i>Citrus reticulata</i> (Mandarin orange)-----	Japan-----	-----	2	-----	Calif.*
<i>Citrus sinensis</i> (orange)-----	do-----	-----	1	-----	Calif.*

Pests collected and reported from July 1, 1956, through June 30, 1957—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Chrysomphalus bifasciculatus</i> Ferris (Coccidae): —Continued					
<i>Osmanthus</i> sp.-----	do-----			1	D. C.
Palm-----	do-----		2		Calif.*, Pa.
<i>Chrysomphalus nigropunctatus</i> (Ckll.) (Coccidae):					
<i>Sedum ozyptalum</i> -----	Mexico-----			1	Tex.
<i>Chrysomphalus personatus</i> (Comst.) (Coccidae):					
<i>Citrus limon</i> (lemon)-----	Brazil-----		1		Calif.*
<i>Citrus sinensis</i> (orange)-----	do-----		2		Calif.*, Fla.
<i>Chrysomphalus sphaerioides</i> (Ckll.) (Coccidae):					
<i>Chamaedorea</i> sp.-----	Mexico-----			2	Tex.
<i>Philodendron</i> sp.-----	do-----			1	Tex.
<i>Cladius isomerus</i> Nort. (Tenthredinidae):					
<i>Rosa</i> sp. (rose)-----	Canada-----			1	Wash.
<i>Cladius pectinicornis</i> (Fourc.) (Tenthredinidae):					
<i>Rosa</i> sp. (rose)-----	Denmark-----	1			Calif.*
<i>Cletus caffer</i> Stal (Coreidae):					
<i>Vitis</i> sp. (grape)-----	Union of South Africa	2			N. Y.
<i>Cletus ochraceus</i> (H.-S.) (Coreidae):					
<i>Vitis</i> sp. (grape)-----	do-----	2			N. Y.
<i>Cligenes delineata</i> (Dist.) (Lygaeidae):					
Orchid-----	Mexico-----			1	Tex.
<i>Coccotrypes carpophagus</i> (Hornig.) (Scolytidae):					
<i>Chrysalidocarpus lutescens</i> -----	Hawaii-----			1	Hawaii.
<i>Coccus acutissimus</i> (Green) (Coccidae):					
<i>Litchi chinensis</i> (lychee)-----	do-----			1	Hawaii.
<i>Coccus viridis</i> (Green) (Coccidae):					
<i>Alpinia purpurata</i> -----	Hawaii-----	1			Hawaii.
<i>Citrus aurantifolia</i> (lime)-----	Philippines-----		1		Hawaii.
<i>Gardenia augusta</i> (gardenia)-----	Cuba, Hawaii-----	12		1	Fla.*
Herbaceous leaf-----	Cuba-----	1			Fla.*
Leaf—unknown-----	Colombia-----			1	Fla.*
<i>Plumeria</i> sp.-----	Hawaii-----	1		1	Calif.*, Hawaii.
<i>Coelonertus nigrirostris</i> Solari (Curculionidae):					
<i>Chamaedorea</i> sp.-----	Mexico-----	1			Tex.
<i>Conoderus rufangulus</i> (Gyll.) (Elateridae):					
<i>Vitis</i> sp. (grape)-----	Chile-----	1			N. Y.
<i>Conotelus mexicanus</i> Murr. (Nitidulidae):					
<i>Plumeria</i> sp.-----	Hawaii-----	2			Hawaii.
<i>Vanda joaquimiae</i> (orchid)-----	do-----	1			Hawaii.
<i>Vanda</i> sp.-----	do-----	2			Hawaii.
<i>Conotrachelus aguacatae</i> Barber (Curculionidae):					
<i>Persea americana</i> (avocado)-----	Mexico-----	25			Tex.
<i>Coptotermes formosanus</i> Shiraki (Rhinotermitidae):					
<i>Gossypium</i> sp. (cotton)-----	Japan-----	1			Hawaii.
<i>Cosmopolites sordidus</i> (Germ.) (Curculionidae):					
<i>Musa paradisiaca sapientum</i> (banana)-----	Mexico-----			1	Tex.
<i>Cossus cossus</i> (L.) (Cossidae):					
Wood-----	England-----			1	N. Y.
<i>Crambus ligonellus</i> Zell. (Crambidae):					
Airplane-----	Puerto Rico-----		1		P. R.
<i>Cryphula apicalis</i> (Dist.) (Lygaeidae):					
Bromeliad-----	Mexico-----			1	Tex.
<i>Cryphula fasciatus</i> (Dist.) (Lygaeidae):					
<i>Epidendrum stenopetalum</i> (orchid)-----	Canal Zone-----			1	Hawaii.
<i>Cryptolabes gnidiella</i> (Mill.) (Phycitidae):					
<i>Fumica granatum</i> (pomegranate)-----	Israel, Italy, Libya	6			N. Y., Pa.
<i>Cryptophlebia illepidia</i> (Btlr.) (Olethreutidae):					
<i>Macadamia</i> sp.-----	Hawaii-----	1			Hawaii.
<i>Cryptotermes brevis</i> (Wlk.) (Kalotermitidae):					
Wood-----	Cuba-----	1			N. Y.
<i>Cryptotermes cavifrons</i> Banks (Kalotermitidae):					
Wood-----	do-----	1			N. Y.
<i>Curculio elephas</i> (Gyll.) (Curculionidae):					
<i>Castanea sativa</i> (European chestnut)-----	Italy-----	1			N. Y.

Pests collected and reported from July 1, 1956, through June 30, 1957—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Curculio elephas</i> (Gyll.) (Curculionidae):— <i>Con. Castanea</i> sp. (chestnut)-----	Azores, England, France, Italy, Portugal, Spain.	43	---	1	Fla.*, Ill., Mass., Mich., N. J., N. Y.
<i>Quercus</i> sp. (oak)-----	Greece, Spain-----	1	---	1	N. Y.
<i>Curculio nucum</i> L. (Curculionidae):	Italy-----	1	---	---	Ill.
<i>Corylus</i> sp. (hazelnut)-----	Mexico-----	1	---	---	Tex.
<i>Curculio q-griseae</i> Chtt. (Curculionidae):	Philippines, Thailand-----	2	---	---	Hawaii.
<i>Quercus</i> sp. (oak)-----	Philippines-----	1	---	---	Calif.*
<i>Cylas formicarius</i> (F.) ssp. (Curculionidae):	Anguilla, Bahamas, Cuba, Dominican Republic, Haiti, Mexico, Puerto Rico.	11	7	---	Fla.*, La., Md., Mass., N. Y., Pa., P. R., St. Croix, Tex.
<i>Ipomoea batatas</i> (sweetpotato)-----	China-----	1	---	---	Hawaii.
<i>Cylas formicarius formicarius</i> (F.) (Curculionidae):	Sierra Leone-----	---	3	---	Pa., Va.
<i>Ipomoea batatas</i> (sweetpotato)-----	French West Africa-----	---	1	---	Pa.
<i>Dacus ciliatus</i> Loew (?) (Tephritidae):	Hawaii-----	---	1	---	Calif.*
<i>Cucurbita maxima</i> (squash)-----	do-----	---	10	---	Calif.* Wash.
<i>Dacus cucurbitae</i> Coq. (Tephritidae):	do-----	---	4	---	Calif.*
<i>Capsicum frutescens</i> grossum (bell pepper)-----	do-----	---	1	---	Hawaii.
<i>Lycopersicon esculentum</i> (tomato)-----	Guam-----	---	1	---	Hawaii.
<i>Dacus cucurbitae</i> Coq. (?) (Tephritidae):	Hawaii-----	---	5	---	Hawaii.
<i>Cucumis sativus</i> (cucumber)-----	do-----	---	2	---	Calif.*
<i>Dacus dorsalis</i> Hend. (Tephritidae):	do-----	---	1	---	Hawaii.
<i>Actinophloeus macarthuri</i> (palm)-----	do-----	---	1	---	Hawaii.
Airplane-----	do-----	---	1	---	Calif.*
<i>Coffea</i> sp. (coffee)-----	do-----	---	1	---	Hawaii.
<i>Eugenia malaccensis</i> (Malay-apple)-----	do-----	---	1	---	Hawaii.
<i>Mangifera indica</i> (mango)-----	do-----	---	1	---	Calif.*
In parcel containing orchid and anthurium flowers-----	do-----	---	1	---	Hawaii.
<i>Psidium guajava</i> (guava)-----	do-----	---	1	---	Hawaii.
<i>Dacus dorsalis</i> Hend. (?) (Tephritidae):	do-----	---	1	---	Hawaii.
<i>Calophyllum inophyllum</i> -----	do-----	---	2	---	Hawaii.
<i>Coffea arabica</i> (Arabian coffee)-----	do-----	---	1	---	Hawaii.
<i>Coffea</i> sp. (coffee)-----	do-----	---	1	---	Hawaii.
<i>Ficus</i> sp. (fig)-----	do-----	---	1	---	Hawaii.
<i>Dacus olivae</i> Gmel. (Tephritidae):	Greece, Italy, Lebanon-----	11	2	---	Mass., Mich., N. Y., Va.
<i>Olea europaea</i> (olive)-----	Mexico-----	1	---	---	Ariz.
<i>Dendrobicla aspera</i> (L.C.) (Bostrichidae):	do-----	1	---	---	Calif.
On box of tomatoes-----	Denmark-----	---	1	---	Pa.
<i>Prosopis</i> sp. (mesquite)-----	Belgium, Netherlands-----	---	2	---	Pa.
<i>Deroceras reticulatum</i> (Muller) (Mollusca):	Germany, Italy, Netherlands-----	---	4	---	Pa.
<i>Allium porrum</i> (leek)-----	England-----	---	2	---	Pa.
<i>Apium graveolens</i> (celery)-----	Brazil, Netherlands-----	1	2	---	N. Y., Pa., Tex.
<i>Brassica oleracea botrytis</i> (cauliflower)-----	Costa Rica-----	---	1	---	Fla.
<i>Brassica oleracea bullata</i> (savoy cabbage)-----	France-----	---	1	---	N. Y.
<i>Brassica oleracea capitata</i> (cabbage)-----	Hawaii-----	3	---	---	Hawaii.
<i>Catasetum</i> sp. (orchid)-----	France-----	---	1	---	P. R.
<i>Cichorium intybus</i> (escarole)-----	do-----	---	1	---	---
<i>Cordylone terminalis</i> (ti)-----	do-----	---	1	---	---
<i>Cucumis sativus</i> (cucumber)-----	do-----	---	1	---	---

Pests collected and reported from July 1, 1956, through June 30, 1957—Continued
[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Deroceras reticulatum</i> (Muller) (Mollusca): —Continued					
<i>Daucus carota</i> (carrot).....	do.....		1		St. Thomas & St. John Fla.
<i>Epidendrum ciliare</i> (orchid).....	Guatemala.....			1	Mass.
Flowers.....	England.....	1			Wash.
<i>Fragaria</i> sp. (strawberry).....	Canada.....			1	Mass., N. Y., Pa., Tex.
<i>Lactuca sativa</i> (lettuce).....	Belgium, Brazil, England, France, Netherlands.....		6		Mass.
<i>Lactuca sativa longifolia</i> (romaine lettuce).....	Portugal.....		1		N. Y.
<i>Lilium candidum</i> (Madonna lily).....	France.....			1	Fla.
<i>Lycaste</i> sp. (orchid).....	Mexico.....			1	Fla., Hawaii.
Orchid.....	Canal Zone, Costa Rica, Guatemala, Mexico.....			5	
<i>Philodendron</i> sp.....	Mexico.....			1	Tex.
<i>Rhododendron</i> sp.....	Austria.....			1	N. Y.
<i>Rosa</i> sp. (rose).....	Germany, Ireland.....			2	N. J., N. Y.
Soil with azaleas.....	Japan.....			1	Hawaii.
Soil with lily bulbs.....	Canada.....			1	Wash.
Succulent.....	Bermuda.....	1			N. Y.
<i>Vanda</i> sp. (orchid).....	Hawaii.....	3			Hawaii.
<i>Dialeurodes chittendeni</i> Laing (Aleyrodidae):					
<i>Rhododendron catawbiense</i>	Germany.....			1	N. J.
<i>Rhododendron</i> sp.....	Netherlands.....			2	N. J.
<i>Dialeurodes citri</i> (Ashm.) (Aleyrodidae):					
<i>Citrus sinensis</i> (orange).....	Japan, Mexico.....	1	2		Calif.*, Tex.
<i>Forsythia suspensa</i> (weeping forsythia).....	Japan.....			1	Hawaii.
<i>Gardenia augusta</i> (gardenia).....	do.....			1	Calif.*
<i>Dialeurodes kirkaldyi</i> (Kot.) (Aleyrodidae):					
<i>Gardenia augusta</i> (gardenia).....	Tahiti.....			1	Fla.
<i>Jasminum</i> sp.....	Hawaii.....	1			Hawaii.
<i>Diaphania indica</i> (Saund.) (Pyraustidae):					
Airplane.....	Guam.....		1		Hawaii.
<i>Dichocrois punctiferalis</i> (Guen.) (Pyraustidae):					
<i>Pinus pentaphylla</i>	Japan.....			1	D. C.
<i>Dinoderus bifoveolatus</i> (Woll.) (Bostrichidae):					
<i>Lonchocarpus</i> sp. (cube root).....	Peru.....	1			N. Y.
<i>Dicladandra taitensis</i> (Guer.) (Curculionidae):					
<i>Cocos nucifera</i> (coconut).....	Hawaii.....	1			Hawaii.
<i>Diorymerellus laevimargo</i> Champ. (Curculionidae):					
Orchid.....	Mexico.....			2	Tex.
<i>Dryocoetes villosus</i> (F.) (Scolytidae):					
<i>Quercus</i> sp. (oak).....	England.....	1			Mass.
<i>Dysdercus mimus</i> (Say) (Pyrrhocoridae):					
<i>Citrus aurantifolia</i> (lime).....	Mexico.....	1			Tex.
<i>Dyspessa ulula</i> (Bkh.) (Cossidae):					
<i>Allium sativum</i> (garlic).....	Italy, Spain.....	28			Ariz., La. Md., N. Y., P. R., Tex.
<i>Ectomyelois ceratoniae</i> (Zell.) (Phycitidae):					
<i>Cydonia oblonga</i> (quince).....	Italy.....	1			Italy
<i>Delonix regia</i> (royal poinciana).....	Hawaii.....	1			Hawaii.
<i>Juglans regia</i> (English walnut).....	Italy.....	1			N. Y.
<i>Malus sylvestris</i> (apple).....	Greece.....	1			N. Y.
<i>Prunus persica</i> (peach).....	Italy.....		1		N. Y.
<i>Punica granatum</i> (pomegranate).....	Greece.....	1			N. Y.
<i>Tamarindus indica</i> (tamarind).....	Philippines.....	1			Hawaii.
<i>Ectomyelois ceratoniae</i> (Zell.) (?) (Phycitidae):					
<i>Cerantonis siliqua</i> (carob).....	Italy.....	1			N. Y.
<i>Prunus amygdalus</i> (almond).....	do.....	1			N. Y.
<i>Ectomyelois muricis</i> (Dyar) (Phycitidae):					
<i>Enterolobium</i> sp.....	Jamaica, Mexico.....	1		1	D. C., La.
<i>Endelomyia aethiops</i> (F.) (Tentredinidae):					
<i>Rosa</i> sp. (rose).....	Canada.....			1	Wash.

Pests collected and reported from July 1, 1956, through June 30, 1957—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Epicaerus cognatus</i> Sharp (Curculionidae):					
<i>Solanum tuberosum</i> (potato)-----	Mexico-----		2		Ala., Pa.
<i>Epichorista ionephela</i> Meyr. (Tortricidae):					
<i>Ornithogalum thyrsoides</i> (chinkerichee)-----	Union of South Africa--	4			N. Y.
<i>Epichorista ionephela</i> Meyr. (?) (Tortricidae):					
<i>Ornithogalum</i> sp.-----	do-----	1			N. J.
<i>Epilachna mexicana</i> (Guer.) (Coccinellidae):					
Orchid-----	Mexico-----			1	Ariz.
<i>Epilachna paenulata</i> (Germ.) (Coccinellidae):					
<i>Musa paradisiaca sapientum</i> (banana)-----	Ecuador-----	4			La., Pa.
<i>Epilachna paenulata</i> (Germ.) var. (Coccinellidae):					
<i>Musa paradisiaca sapientum</i> (banana)-----	do-----	1			La.
<i>Epinotia aporema</i> (Wlsm.) (Olethreutidae):					
<i>Capsicum frutescens</i> grossum (bell pepper)-----	Mexico-----	1			Ariz.
<i>Phaseolus vulgaris</i> var. (string bean)-----	Argentina, Mexico-----	7			P. R., Tex.
<i>Ereumetis flavistriata</i> Wlsm. (Tineidae):					
<i>Cocos nucifera</i> (coconut)-----	Hawaii-----	5			Hawaii.
<i>Eriophyes canestrinii</i> (Nal.) (Eriophyidae):					
<i>Buxus sempervirens aureo-variegata</i> -----	England-----			1	N. J.
<i>Buxus sempervirens prostrata</i> -----	do-----			1	N. J.
<i>Buxus</i> sp.-----	do-----		1		Mass.
<i>Ernobius mollis</i> (L.) (Anobiidae):					
Bark-----	Sweden-----	1			N. Y.
Pinus sp.-----	Denmark, France, Germany, Sweden.	5			N. Y., S. C.
<i>Eucalymnatus tessellatus</i> (Sign.) (Coccidae):					
Leaf-----	Cuba-----	1			Fla.*
<i>Eutheola bidentata</i> (Burm.) (Scarabaeidae):					
<i>Ananas comosus</i> (pineapple)-----	Mexico-----	4			Tex.
<i>Eulia auraria</i> Clarke (?) (Tortricidae):					
<i>Prunus persica</i> (peach)-----	Chile-----	1			N. Y.
<i>Prunus persica nectarina</i> (nectarine)-----	do-----	1			N. Y.
<i>Eurytoma orchidearum</i> (Westw.) (Eurytomidae):					
<i>Epidendrum</i> sp. (orchid)-----	Mexico-----			1	Tex.
<i>Euscepes postfasciatus</i> (Fairm.) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)-----	Antigua, Brazil, Jamaica, Tortola.	2	3		St. Thomas & St. John, Tex.
<i>Euxoa lutescens</i> (Blanch.) (Noctuidae):					
<i>Prunus persica nectarina</i> (nectarine)-----	Chile-----	1			N. Y.
<i>Euzophera bigella</i> Zell. (?) (Phycitidae):					
<i>Cydonia oblonga</i> (quince)-----	Italy-----	1			N. Y.
<i>Evers comyntas</i> (Gott.) (Lycaenidae):					
<i>Phaseolus vulgaris</i> var. (string bean)-----	Mexico-----	1			Tex.
<i>Evergestis rimosalis</i> (Guen.) (Pyraustidae):					
<i>Brassica oleracea botrytis</i> (cauliflower)-----	do-----		1		Tex.
<i>Erptochiamera albomaculata</i> (Dist.) (Lygaeidae):					
Orchid-----	do-----			3	Tex.
<i>Tillandsia</i> sp.-----	do-----			1	Tex.
<i>Erptochiamera confusa</i> Barber (Lygaeidae):					
<i>Citrus sinensis</i> (orange)-----	do-----			1	Tex.
<i>Philodendron</i> sp.-----	do-----			1	Tex.
<i>Erptochiamera oblonga</i> Stal (Lygaeidae):					
Orchid-----	Guatemala-----			1	Calif.*
<i>Farinococcus guatemalensis</i> Ferris (Coccidae):					
<i>Cattleya</i> sp. (orchid)-----	do-----			1	Tex.
<i>Ferrisia virgata</i> (Ckll.) (Coccidae):					
<i>Euphorbia pulcherrima</i> (poinsettia)-----	Philippines-----	1			Hawaii.
<i>Nerium oleander</i> (oleander)-----	India-----		1		Pa.
Orchid-----	Canal Zone, Ecuador.			2	Fla.
<i>Spathoglottis</i> sp. (orchid)-----	Straits Settlements-----			2	Hawaii.
<i>Fiorinia nephetii</i> Mask. (Coccidae):					
<i>Litchi chinensis</i> (lychee)-----	Hawaii-----			1	Hawaii.
<i>Frankliniella bispinosa</i> (Morg.) (Thripidae):					
Chrysanthemum and daisy-----	Haiti-----		1		Fla.*
Flowers—assorted-----	Bermuda-----	1			Mass.

Pests collected and reported from July 1, 1956, through June 30, 1957—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Frankliniella formosae</i> Mlt. (Thripidae):					
<i>Chrysanthemum</i> sp.	Japan	1			Hawaii.
Flowers—assorted	Formosa		1		Oreg.
<i>Gladiolus</i> sp.	Japan	1			Hawaii.
<i>Frankliniella intonsa</i> (Tryb.) (Thripidae):					
<i>Aster</i> sp.	Germany	3			Ill.
<i>Lathyrus odoratus</i> (sweetpea)	England	1			Ill.
<i>Lavandula</i> sp. (lavender)	do	1			Mass.
<i>Rosa</i> sp. (rose)	England, Germany	2	1		Ill., Mass.
<i>Frankliniella occidentalis</i> (Perg.) (Thripidae):					
<i>Gladiolus</i> sp.	Mexico	1			Tex.
<i>Zantedeschia aethiopica</i> (calla lily)	do	1			Tex.
<i>Fundella pellucens</i> (Zell.) (Phycitidae):					
<i>Cassia fistula</i> (golden shower)	Cuba	1			Fla.*
<i>Pisum sativum</i> (black-eyed pea)	Jost Van Dyke	1			St. Thomas & St. John
<i>Vigna unguiculata</i>	St. Kitts	1			St. Thomas & St. John
<i>Furcaspis biformis</i> (Ckll.) (Coccidae):					
<i>Brassavola nodosa</i> (orchid)	Canal Zone			1	Fla.
<i>Brassavola</i> sp.	Canal Zone, Jamaica			2	Fla.
<i>Bromeliad</i>	Ecuador			1	Fla.
<i>Cattleya</i> sp. (orchid)	Hawaii			3	Hawaii.
<i>Epidendrum atropurpureum</i> (orchid)	Canal Zone			2	Calif.* Fla.
<i>Epidendrum</i> sp.	Canal Zone, Cuba			7	Fla., N. J.
<i>Oncidium sphacelatum</i> (orchid)	Straits Settlements			1	Calif.*
<i>Oncidium</i> sp.	Trinidad			1	N. J.
Orchid	Canal Zone, Colombia, Jamaica, Panama.			13	Fla.
<i>Tillandsia</i> sp.	Ecuador			2	Fla.
<i>Galgupha punctifer</i> McA. & Mall. (Pentatomidae):					
<i>Bromeliad</i>	Mexico			2	Tex.
Orchid	do			1	Tex.
Unknown—in box	Honduras	1			Hawaii.
<i>Galgupha texana</i> McA. & Mall. (Pentatomidae):					
<i>Tillandsia</i> sp.	Mexico			1	Tex.
<i>Gelechia ericetella</i> (Hbn.) (Gelechiidae):					
<i>Calluna vulgaris</i> (heather)	Scotland	1			Mass.
<i>Glycyphagus domesticus</i> (Deg.) (Glycyphagidae):					
<i>Allium porrum</i> (leek)	Australia		1		Mass.
<i>Citrus grandis</i>	Formosa		1		Pa.
Soil with privet plants	Azores			1	Mass.
<i>Solanum andigenum</i>	Colombia			1	D. C.
<i>Gnorimoschema gudmannella</i> (Wlsm.) (Gelechiidae):					
<i>Capsicum frutescens</i> (pepper)	Mexico	6			Ariz., Tex.
<i>Gnorimoschema ocellatella</i> (Boyd) (Gelechiidae):					
<i>Beta vulgaris</i> (beet)	Egypt, France, Israel		8		Pa., Tex.
<i>Gracilaria azaleella</i> Brants (Gracilariidae):					
<i>Rhododendron</i> sp.	Netherlands			1	N. J.
<i>Grapholitha molesta</i> (Busck) (Olethreutidae):					
<i>Prunus persica</i> (peach)	Japan		1		Hawaii.
<i>Gynaikothrips ficorum</i> (Marchal) (Phlaeothripidae):					
<i>Arctostaphylos uva-ursi</i> (bearberry)	Cuba		1		N. Y.
<i>Haplothrips gowdeyi</i> (Frankl.) (Phlaeothripidae):					
<i>Lilium</i> sp. (lily)	Bermuda		1		N. Y.
<i>Helipus lauri</i> Boh. (Curculionidae):					
<i>Persea americana</i> (avocado)	Mexico			1	Tex.
<i>Heliothis subflexa</i> (Guen.) (Noctuidae):					
<i>Physalis</i> sp. (husk tomato)	do	1			Tex.
<i>Helix aperta</i> Born (Mollusca):					
<i>Lactuca sativa</i> (lettuce)	France		1		Va.
<i>Helix aspersa</i> (Muller) (Mollusca):					
<i>Cattleya</i> sp. (orchid)	Costa Rica			1	Fla.
Liliaceae and Aizoaceae (?) plants	Azores			1	S. C.
<i>Hellula undalis</i> (F.) (Pyraustidae):					
<i>Brassica rapa</i> (turnip)	Egypt		1		Pa.
<i>Raphanus sativus</i> (radish)	Philippines		1		Hawaii.

Pests collected and reported from July 1, 1956, through June 30, 1957—Continued
 [An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Helophorus rugosus</i> (Oliv.) (Hydrophilidae):	England		1		Pa.
<i>Brassica rapa</i> (turnip)					
<i>Hemimene juliana</i> (Curt.) (Olethreutidae):	Europe(?), Italy	2	1		La., N. Y.
<i>Castanea</i> sp. (chestnut)					
<i>Heterobostrychus aequalis</i> (Waterh.) (Bostrichidae):					
Wood	India	2			Ala., N. Y.
<i>Heterobostrychus brunneus</i> (Murray) (Bostrichidae):					
Trash on crate	Sierra Leone (?)	1			Va.
<i>Heterotermes aureus</i> (Snyder) (Rhinotermitidae):					
<i>Pachyrhizus</i> sp. (yambean)	Mexico	1			Ariz.
<i>Homoeosoma electellum</i> (Hbst.) (Phycitidae):					
<i>Chrysanthemum</i> sp.	do	2			Tex.
<i>Hyaloleptus pellucidus</i> (Stal) (Miridae):					
<i>Phaeomeria speciosa</i>	Hawaii	1			Hawaii.
<i>Hydurgops palliatus</i> (Gyll.) (Scolytidae):					
Bark on packing case	Germany, Sweden	4			N. Y.
<i>Pinus</i> sp. (pine)	Sweden	1			N. Y.
<i>Hypera nigrirostris</i> (F.) (Curculionidae):					
<i>Trifolium pratense</i> (red clover)	Switzerland		1		D. C.
<i>Ips calligraphus</i> (Germ.) (Scolytidae):					
Log	Bahamas	1			Fla.*
<i>Iridomyrmex humilis</i> Mayr (Formicidae):					
<i>Annona</i> sp.	Madeira Islands	1			Mass.
<i>Ficus carica</i> (fig)	Italy	1			Mass.
<i>Passiflora</i> sp. (passion flower)	Bermuda	1			N. Y.
<i>Vitis vinifera</i> (European grape)	Union of South Africa	1			N. Y.
<i>Vitis</i> sp. (grape)	do	1			N. Y.
<i>Iridomyrmex iniquus</i> Mayr (Formicidae):					
Orchid	Guatemala		1		Tex.
Trash	Costa Rica		1		Hawaii.
<i>Ischnodemus diplopterus</i> (Dist.) (Lygaeidae):					
<i>Prunus armeniaca</i> (apricot)	Union of South Africa	1			N. Y.
<i>Prunus persica</i> (peach)	do	1			N. Y.
<i>Ischnodemus saccharivorus</i> Okajima (Lygaeidae):					
<i>Saccharum spontaneum</i>	Japan			1	D. C.
<i>Lamellaxis gracilis</i> (Hutton) (Mollusca):					
<i>Cattleya</i> sp. (orchid)	Hawaii			1	Hawaii.
<i>Lampetia equestris</i> (F.) (Syrphidae):					
<i>Narcissus</i> sp.	England, Ireland			9	N. J., N. Y.
<i>Lampides boeticus</i> (L.) (Lycaenidae):					
<i>Canavalia</i> sp. (mauna loa)	Hawaii	21			Calif.*, Hawaii.
<i>Dolichos lablab</i> (hyacinth-bean)	do	1			Hawaii.
<i>Pisum sativum</i> (pea)	Japan, Mozambique		2		Pa., Wash.
<i>Laspeyresia nigricana</i> (Stph.) (Olethreutidae):					
<i>Pisum sativum</i> (pea)	Spain		1		Pa.
<i>Laspeyresia splendana</i> (Hbn.) (Olethreutidae):					
<i>Castanea</i> sp. (chestnut)	Azores, England, France, Italy, Portugal, Spain.	33			Fla.*, Ill., Mass., N. Y.
<i>Lecanium corni</i> (Bouche) (Coccidae):					
<i>Crataegus</i> sp.	Netherlands, Sweden		3		N. J.
<i>Malus</i> sp.	Germany		1		N. J.
<i>Lepidosaphes carinata</i> (Ckll.) (Coccidae):					
Fruit—unidentified	Mexico	1			Calif.*
<i>Lepidosaphes philococcus</i> (Ckll.) (Coccidae):					
Cactus	do		2		Ariz., Tex.
<i>Lepidosaphes tokionis</i> (Kuw.) (Coccidae):					
<i>Codiaeum</i> sp. (croton)	Hawaii	3		2	Hawaii
<i>Lepidosaphes tuberculata</i> Mal. (Coccidae):					
<i>Cymbidium</i> sp. (orchid)	Australia, Hawaii, Japan.		4		Calif.*, Hawaii.
<i>Lepidosaphes tubulorum</i> Ferris (Coccidae) (as defined by Kuwana):					
<i>Camellia</i> sp.	Japan			1	Hawaii.
<i>Leptocorixa acuta</i> (Thunb.) (Coreidae):					
Airplane	West Pacific		1		Hawaii.
<i>Leptoglossus chilensis</i> (Spin.) (Coreidae):					
<i>Vitis</i> sp. (grape)	Chile	4			N. Y.

Pests collected and reported from July 1, 1956, through June 30, 1957—Continued
[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Leucaspis cockerelli</i> (de Charm.) (Coccidae):					
<i>Citrus aurantifolia</i> (lime)	Salvador	1			Calif.*
<i>Citrus limon</i> (lemon)	Panama		1		Calif.*
<i>Citrus sinensis</i> (orange)	do		1		Calif.*
<i>Litchi chinensis</i> (lychee)	Hawaii			1	Hawaii.
<i>Leucinodes orbonalis</i> Guen. (Pyraustidae):					
<i>Solanum melongena</i> (eggplant)	Nigeria		1		Md.
<i>Leucoptera coffeella</i> G.-M. (Lyonetiidae):					
<i>Coffea</i> sp. (coffee)	Mexico	3			Ariz.
<i>Limax marginatus</i> Muller (Mollusca):					
<i>Brassica oleracea capitata</i> (cabbage)	Netherlands		1		Tex.
<i>Catasetum</i> sp. (orchid)	Costa Rica			1	Fla.
Liliaceae and Aizoaceae(?) plants	Azores			1	S. C.
<i>Lycaste</i> sp. (orchid)	Mexico			1	Fla.
<i>Oncidium ansiferum</i> (orchid)	Costa Rica			1	Fla.
<i>Oncidium lankesteri</i>	do			1	Hawaii.
<i>Oncidium</i> sp.	do			1	Hawaii.
Orchid	Costa Rica, Madeira Island, Mexico.			4	Fla., Mass. N. J., Tex.
<i>Pelargonium</i> sp. (geranium)	Mexico	1			Calif.
<i>Limax maximum</i> L. (Mollusca):					
<i>Brassica oleracea capitata</i> (cabbage)	Azores		1		Ga.
Orchid	Guatemala			1	Fla.
<i>Limothrips cerealtum</i> Hal. (Thripidae):					
<i>Narcissus</i> sp.	Ireland			1	N. Y.
<i>Listroderes costirostris obliquus</i> (Klug) (Curculionidae):					
<i>Vitis</i> sp. (grape)	Chile	1			N. Y.
<i>Lixus junci</i> Boh. (Curculionidae):					
<i>Beta vulgaris</i> (beet)	Egypt		1		Pa.
<i>Lyctus africanus</i> Lesne (Lyctidae):					
Wood	India	2			Ill.
<i>Lyctus brunneus</i> (Steph.) (Lyctidae):	Morocco	1			Pa.
<i>Quercus</i> sp. (oak)	Costa Rica			1	Fla.
<i>Lygaeus pulchellus</i> (F.) (Lygaeidae):					
Orchid	Mexico			1	Tex.
<i>Macropygium reticulare</i> (F.) (Pentatomidae):					
<i>Dieffenbachia</i> sp.	Morocco	1			Pa.
<i>Malacosoma castrensis</i> (L.) (Lasiocampidae):					
Suitease	England		1		Tex.
<i>Mamestra brassicae</i> (L.) (Noctuidae):	Germany		1		Tex.
<i>Apium graveolens</i> (celery)	Belgium		1		N. Y.
<i>Brassica oleracea botrytis</i> (cauliflower)	do		1		Tex.
<i>Brassica oleracea capitata</i> (cabbage)					
<i>Lactuca sativa</i> (lettuce)					
<i>Maruca testulalis</i> (Geyer) (Pyraustidae):					
<i>Cajanus cajan</i> (pigeonpea)	Puerto Rico, Trinidad	3			P. R.
<i>Canavalia microcarpa</i>	Hawaii	1			Hawaii.
<i>Canavalia</i> sp. (mauna loa)	do	19			Calif.*
<i>Phaseolus vulgaris</i> var. (string bean)	Hawaii, Netherlands Guiana, Panama (?), Puerto Rico, Venezuela.	3	4		Hawaii. Ala., Pa., P. R., St. Thomas & St. John, Wash.
<i>Phaseolus</i> sp.	Trinidad	1			P. R.
<i>Sesbania grandiflora</i>	Hawaii	1			Hawaii.
<i>Masonaphis rhododendri</i> (Wils.) (Aphidae):					
<i>Rhododendron obtusum</i>	Netherlands			1	N. J.
<i>Mecolaemus carvalhoi</i> Costa Lima (?) (Miridae):					
Orchid	Panama			1	Fla.
<i>Megacerus alternatus</i> Bridw. (Bruchidae):					
<i>Operculina tuberosa</i> (wood-rose)	Hawaii	1			Hawaii.
<i>Megalometis chiliensis</i> Boh. (Curculionidae):					
<i>Prunus domestica</i> (plum)	Chile	1			N. Y.
<i>Megastigmus pistaciae</i> Wlk. (Torymidae):					
<i>Pistacia vera</i> (pistache)	Iran, Italy	2			N. Y., Pa.
<i>Mescinia peruella</i> Schaus (Phycitidae):					
<i>Gossypium</i> sp. (cotton; boll)	Peru	1			N. Y.

Pests collected and reported from July 1, 1956, through June 30, 1957—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Metamasius sericeus</i> Ol. (Curculionidae): <i>Musa paradisica sapientum</i> (banana)-----	Ecuador, unknown-----	11	-----	-----	La., Pa., S. C.
<i>Metopoplax ditomoides</i> (Costa) (Lygaeidae): Military cargo-----	Morocco-----	1	-----	-----	S. C.
<i>Metritona erratica angularis</i> Cham. (Chrysomelidae): <i>Chamaedorea</i> sp.-----	Mexico-----	1	-----	-----	Tex.
<i>Micrelus ericae</i> (Gyll.) (Curculionidae): <i>Calluna vulgaris</i> (heather)-----	Scotland-----	2	-----	-----	Mass., N. Y.
<i>Microcephalothrips abdominalis</i> (Crawf.) (Thripidae): <i>Arctotis stoechadifolia</i> (African daisy)-----	Japan-----	1	-----	-----	Hawaii.
<i>Chrysanthemum</i> sp.-----	do-----	2	-----	-----	Hawaii.
<i>Mimosestes dominicanus</i> (Jek.) (Bruchidae): Seed pod-----	Jamaica-----	1	-----	-----	Fla.*
<i>Mocis latipes</i> (Guen.) (Noctuidae): Airplane-----	Cuba-----	-----	1	-----	Fla.*
<i>Monanthus monotropidia</i> Stal (Tingidae): Orchid-----	Mexico-----	-----	-----	1	Tex.
<i>Tillandsia</i> sp.-----	do-----	-----	-----	1	Tex.
<i>Monomorium destructor</i> (Jerd.) (Formicidae): Clothing-----	Cuba-----	1	-----	-----	N. Y.
<i>Grammatophyllum</i> sp. (orchid)-----	Indonesia-----	-----	-----	1	Hawaii.
<i>Lycaste denningiana</i> (orchid)-----	Ecuador-----	-----	-----	1	Hawaii.
Orchid-----	India-----	-----	-----	1	N. J.
<i>Vanda</i> sp. (orchid)-----	Indonesia-----	-----	-----	1	Hawaii.
<i>Zingiber officinale</i> (ginger)-----	Montserrat-----	1	-----	-----	Tex.
<i>Moodna bisinuella</i> Hamp. (Phycitidae): <i>Zea mays</i> (corn)-----	Mexico-----	1	-----	-----	Tex.
<i>Morganella longispina</i> (Morg.) (Coccidae): <i>Citrus aurantifolia</i> (lime)-----	Tahiti-----	1	-----	-----	Calif.*
<i>Myzus ascalonicus</i> Donc. (Aphidae): <i>Allium ascalonicum</i> (shallot)-----	France-----	-----	-----	1	N. J.
<i>Nasutitermes columbicus</i> (Holmgren) (Termitidae): Orchid-----	Costa Rica-----	-----	-----	1	Calif.*
<i>Nasutitermes corniger</i> (Motsch) (Termitidae): Cardboard crate-----	British Guiana-----	1	-----	-----	Ala.
Orchid-----	Costa Rica-----	-----	-----	1	Tex.
<i>Nasutitermes nigricaps</i> (Hald.) (Termitidae): <i>Schomburgkia</i> sp. (orchid)-----	British Honduras-----	-----	-----	1	Fla.
<i>Naupactus xanthographus</i> Germar (Curculionidae): <i>Vitis</i> sp. (grape)-----	Chile-----	1	-----	-----	N. Y.
<i>Nemapogon granella</i> (L.) (Tineidae): <i>Agaricus campestris</i> (mushroom)-----	Germany, Poland-----	2	-----	-----	N. Y.
<i>Neodryocoetes guianae</i> Blkm. (Scolytidae): Bean-----	British Guiana-----	1	-----	-----	La.
<i>Neoleucinodes elegantalis</i> (Guen.) (Pyraustidae): <i>Capsicum frutescens</i> (pepper)-----	Brazil-----	-----	1	-----	Md.
<i>Solanum melongena</i> (eggplant)-----	do-----	-----	2	-----	Md.
<i>Solanum</i> (?) sp.-----	British Guiana-----	1	-----	-----	P. R.
<i>Neosteingelia texana</i> Morr. (Coccidae): Orchid-----	Mexico-----	-----	-----	1	Tex.
<i>Neotermes chilensis</i> (Blanchard) (Kalotermitidae): <i>Vitis</i> sp. (grape)-----	Chile-----	1	-----	-----	N. Y.
<i>Nezara viridula</i> (L.) (Pentatomidae): <i>Dendrobium johnsoniae</i> (orchid)-----	Australia-----	-----	-----	1	Hawaii.
<i>Dianthus</i> sp. (carnation)-----	Japan-----	-----	1	-----	Hawaii.
<i>Vitis</i> sp. (grape)-----	Union of South Africa-----	1	-----	-----	N. Y.
<i>Nipponaclerda bivakoensis</i> (Kuw.) (Coccidae): <i>Juncus</i> sp. (rush)-----	Japan-----	1	-----	-----	Calif.*
<i>Xoropsis hieroglyphica</i> (Cram.) (Noctuidae): Airplane-----	Cuba-----	-----	1	-----	Fla.*
Orchid-----	Mexico-----	-----	-----	1	Tex.
<i>Nysius coenosulcus</i> Stal (Lygaeidae): <i>Vanda</i> sp. (orchid)-----	Hawaii-----	3	-----	-----	Hawaii.
<i>Nysius vinitor</i> Bergroth (Lygaeidae): <i>Andropogon</i> sp.-----	New Guinea-----	-----	-----	1	D. C.

Pests collected and reported from July 1, 1956, through June 30, 1957—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Ogdoecosta catenulata</i> (Boh.) (Chrysomelidae):					
<i>Cucurbita maxima</i> (squash)-----	Mexico-----	1			Tex.
<i>Opogona subcervinella</i> (Wlk.) (Lyonetiidae):					
<i>Saccharum officinarum</i> (sugarcane)-----	Portugal-----	1			N. Y.
Soil with arum and banana-----	St. Vincent-----			2	N. Y.
<i>Orchidophilus aterrimus</i> (Waterh.) (Curculionidae):					
<i>Vanda</i> sp. (orchid)-----	Hawaii-----	2			Hawaii.
<i>Orthesia cacticola</i> Morr. (Coccidae):					
Cactus-----	Mexico-----			1	Tex.
<i>Orthesia pseudinsignis</i> Morr. (Coccidae):					
Leaf—unidentified-----	do-----			1	Tex.
<i>Orthotylus ericetorum</i> (Fall.) (Miridae):					
<i>Calluna vulgaris</i> (heather)-----	Scotland-----	1			N. Y.
<i>Pachnaeus litus</i> (Germ.) (Curculionidae):					
Airplane-----	Unknown, Venezuela-----		2		Fla.*
<i>Pachyzancla bipunctalis</i> (F.) (Pyraustidae):					
<i>Amaranthus</i> sp.-----	Jamaica-----	1			N. Y.
Leaf-----	do-----	1			N. Y.
<i>Pachyzancla periualis</i> (Wlk.) (Pyraustidae):					
<i>Capsicum frutescens</i> (pepper)-----	Puerto Rico-----	1			Ill.
<i>Pagiocerus florii</i> (Eggers) (Scolytidae):					
<i>Zea mays</i> (corn)-----	Colombia-----			1	N. Y.
<i>Palaeopus costicollis</i> Mshl. (Curculionidae):					
<i>Dioscorea</i> sp. (yam)-----	Jamaica-----	2			N. Y.
<i>Ipomoea batatas</i> (sweetpotato)-----	do-----		2		Tex.
<i>Pantomorus godmani</i> (Crotch) (Curculionidae):					
<i>Codiaeum</i> sp. (croton)-----	Hawaii-----	1			Hawaii.
<i>Cordyline terminalis</i> (ti)-----	do-----			1	Hawaii.
<i>Epidendrum</i> sp. (orchid)-----	do-----			1	Hawaii.
<i>Parlatoria camelliae</i> Comst. (Coccidae):					
<i>Camellia japonica</i> (camellia)-----	Italy, Japan, Portugal-----	1	1	4	D. C., Hawaii, N. J.
<i>Camellia sasanqua</i> (sasanqua tea)-----	Japan-----			2	D. C.
<i>Parlatoria cinerea</i> Hadden (Coccidae):					
<i>Citrus paradisi</i> (grapefruit)-----	Brazil-----		1		Calif.*
<i>Citrus reticulata</i> (Mandarin orange)-----	Mexico-----	1			Calif.*
<i>Citrus sinensis</i> (orange)-----	Israel, unknown-----	1	1		Calif.*, Fla.*
<i>Parlatoria crotonis</i> Dougl. (Coccidae):					
<i>Codiaeum</i> sp. (croton)-----	Hawaii-----	1			Hawaii.
<i>Parlatoria pseudaspidiotus</i> Ldgr. (Coccidae):					
<i>Vanda</i> sp. (orchid)-----	do-----			1	Hawaii.
<i>Parlatoria zizyphus</i> (Lucas) (Coccidae):					
<i>Citrus grandis</i> (pummelo)-----	Formosa-----		1		Pa.
<i>Citrus limon</i> (lemon)-----	Italy, unknown-----	2	1		Calif.*
<i>Citrus reticulata</i> (Mandarin orange)-----	China, Thailand-----	2			Calif.*, Hawaii.
<i>Citrus sinensis</i> (orange)-----	Formosa, France (?)-----		2		Calif.*
<i>Parthenothrips dracaenae</i> (Heeger) (Thripidae):					
<i>Peperomia</i> sp.-----	Canada-----			1	Pa.
<i>Paromius longulus</i> (Dallas) (Lygaeidae):					
Orchid-----	Mexico-----			1	Tex.
<i>Pealius hibisci</i> (Kot.) (Aleyrodidae):					
<i>Gardenia augusta</i> (gardenia)-----	Hawaii-----	1			Hawaii.
<i>Pectinophora gossypiella</i> (Saund.) (Gelechiidae):					
<i>Gossypium barbadense</i> -----	do-----	1			Hawaii.
<i>Gossypium</i> sp. (cottonseed)-----	Antigua, Bahamas, Curacao, France, Haiti, Mexico, Syria.	20	1	3	Ariz., Calif., D. C., Fla.*, N. Y., S. C., Tex.
<i>Gossypium</i> sp. (seed cotton)-----	Mexico-----	9	2		Calif., Tex.
<i>Gossypium</i> sp. (cotton; boll)-----	Hawaii, Mexico-----	3			Hawaii, Tex.
<i>Gossypium</i> sp. (cotton; loek)-----	Cuba-----	1			N. Y.
<i>Hibiscus esculentus</i> (okra)-----	Dominican Republic, Puerto Rico.	2	1		N. Y., P. R.

Pests collected and reported from July 1, 1956, through June 30, 1957—Continued
[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Pentalonia nigronervosa</i> Coq. (Aphidae):					
<i>Heliconia</i> sp.-----	Chile-----		1		Fla.*
<i>Strelitzia</i> sp.-----	Colombia-----	1			N. Y.
<i>Zingiber officinale</i> (ginger)-----	Hawaii-----	1			Pa
<i>Zingiber</i> sp.-----	Guam-----			1	Hawaii.
<i>Pentamerismus coronatus</i> (C. & F.) (Tenuipalpidae):					
<i>Juniperus</i> sp. (juniper)-----	Spain-----			1	D. C., Wash.
<i>Pentamerismus oregonensis</i> McG. (Tenuipalpidae):					
<i>Juniperus</i> sp. (juniper)-----	Japan-----			1	Wash.
<i>Pentatrachopus fragaefolii</i> (Ckll.) (Aphidae):					
<i>Acer</i> sp. (maple)-----	France-----	1			N. Y.
<i>Pentatrachopus tetraodus</i> (Wlk.) (?) (Aphidae):					
<i>Rosa</i> sp. (rose)-----	Germany-----	1			Ill.
<i>Perigea illecta</i> Wlk. (Noctuidae):					
Airplane-----	Unknown-----		1		Hawaii.
<i>Periphyllus californiensis</i> (Shinji) (Aphidae):					
<i>Acer</i> sp. (maple)-----	Netherlands-----			1	N. J.
<i>Pheidole megacephala</i> (F.) (Formicidae):					
<i>Lilium</i> sp. (lily)-----	Bermuda-----	1			N. Y.
Orchid-----	British Honduras-----			1	Tex.
<i>Phenacoccus azaleae</i> Kuw. (Coccidae):					
<i>Rhododendron</i> sp.-----	Japan-----		1		Mass.
<i>Phenacoccus gossypii</i> (Townsend & Ckll.) (Coccidae):					
<i>Polyscias</i> sp.-----	Bermuda-----			1	N. Y.
<i>Theobroma cacao</i> (cacao)-----	Mexico-----	1			Fla.*
<i>Phenacoccus parvus</i> Morr. (Coccidae):					
<i>Capiscum frutescens</i> (pepper)-----	Anguilla-----	1			St. Thomas & St. John
<i>Phenacoccus solani</i> Ferris (Coccidae):					
Gesneriaceae-----	Canal Zone-----			1	Fla.
<i>Phytectinus callosus</i> Boh. (Curculionidae):					
<i>Vitis vinifera</i> (European grape)-----	Union of South Africa-----	1			N. Y.
<i>Vitis</i> sp. (grape)-----	do-----	1			N. Y.
<i>Phorodon menthae</i> (Buckl.) (Aphidae):					
<i>Mentha</i> sp. (mint)-----	Morocco-----	1			S. C.
<i>Phyrdenus divergens</i> (Germ.) (Curculionidae):					
<i>Allium sativum</i> (garlic)-----	Argentina-----	1			La.
<i>Phytomyza rufipes</i> Meig. (Agromyzidae):					
<i>Brassica oleracea botrytis</i> (cauliflower)-----	Belgium, Denmark, England, Germany, Netherlands, Scotland-----	24			Als., Pa., Tex.
<i>Brassica oleracea capitata</i> (cabbage)-----	Belgium, England, France, Germany-----		10		Pa., Tex.
<i>Brassica oleracea gongylodes</i> (kohlrabi)-----	Germany-----		1		Pa.
<i>Brassica rapa</i> (turnip)-----	Belgium, France-----		2		N. Y., Pa.
<i>Cichorium endivia</i> (endive)-----	Belgium, Netherlands-----	13			Mass., N. Y.
<i>Cichorium intybus</i> (chicory)-----	Belgium-----	2			N. Y.
<i>Pieris brassicae</i> (L.) (Pieridae):					
<i>Brassica oleracea botrytis</i> (cauliflower)-----	Italy-----		1		St. Thomas & St. John.
<i>Brassica oleracea capitata</i> (cabbage)-----	do-----		1		N. Y.
<i>Pinnaspis buzi</i> (Bouche) (Coccidae):					
<i>Cocos nucifera</i> (coconut)-----	Costa Rica-----	1			Calif.*
<i>Cordyline terminalis</i> (ti)-----	Hawaii-----	3			Hawaii.
<i>Pityogenes chalcographus</i> (L.) (Scolytidae):					
Bark-----	Canada, England, Finland, Norway, Sweden-----	7			N. Y., Pa.
<i>Pinus</i> sp. (pine)-----	England, Germany-----	3			Ga., N. Y.
Wood-----	Sweden-----	2			N. Y.
<i>Plagioderma semivittata</i> Stal (Chrysomelidae):					
Orchid-----	Mexico-----			2	Tex.
<i>Plagioderma thymaloides</i> Stal (Chrysomelidae):					
Orchid-----	do-----			3	Tex.

Pests collected and reported from July 1, 1956, through June 30, 1957—Continued
 [An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Platynota rostrana</i> (Wlk.) (Tortricidae):					
<i>Capsicum frutescens</i> (pepper)-----	Cuba-----	2			Fla.* N. Y.
<i>Rosa</i> sp. (rose)-----	Venezuela-----	1			N. Y.
<i>Platypus rugulosus</i> Chap. (Platypodidae):					
Airplane-----	Mexico-----		1		Ariz.
<i>Copaifera hemitomophylla</i> ("cativo")-----	Colombia-----	2			Ga.
<i>Plusia chalcites</i> (Esp.) (Noctuidae):					
<i>Cordylone terminalis</i> (ti)-----	Hawaii-----	1			Hawaii.
<i>Plusia chalcites</i> (Esp.) (?) (Noctuidae):					
Baggage-----	do-----	1			Hawaii.
<i>Cordylone terminalis</i> (ti)-----	do-----	1			Hawaii.
<i>Vanda</i> sp. (orchid)-----	do-----	1			Hawaii.
<i>Porphyrobaphe iostoma</i> (Sowerby) (Mollusca):					
<i>Musa paradisiaca sapientum</i> (banana)-----	Ecuador, Honduras-----	2			La., Pa.
<i>Porthetria dispar</i> (L.) (Lymantriidae):					
<i>Conex</i> box-----	Unknown-----		1		N. Y.
<i>Prunus armeniaca</i> (apricot)-----	France-----		1		N. Y.
<i>Prays oleellus</i> (F.) (Hypnometridae):					
<i>Olea europaea</i> (olive)-----	Greece, Lebanon-----	2			N. Y.
<i>Prostephanus truncatus</i> (Horn) (Bostrichidae):					
Wood-----	Mexico-----	1			Va.
<i>Protopulvinaria longivalvata</i> Green (Coccidae):					
<i>Dioscorea</i> sp. (yam)-----	Puerto Rico-----	1			Ill.
<i>Protopulvinaria pyramiformis</i> (Ckll.) (Coccidae):					
<i>Cinnamomum</i> sp. (cinnamon)-----	St. Lucia-----			1	Fla.
<i>Coffea</i> sp. (coffee)-----	Jamaica-----	1			Fla.*
<i>Gardenia augusta</i> (gardenia)-----	Cuba-----	1	1		Fla.*
Leaf—unidentified-----	Cuba, Haiti-----	1		1	Fla.*
<i>Pseudaonidia trilobitiformis</i> (Green) (Coccidae):					
<i>Citrus paradisi</i> (grapefruit)-----	Brazil-----	1			Fla.*
<i>Pseudischnaspis alienus</i> (Newst.) (Coccidae):					
<i>Cattleya</i> sp. (orchid)-----	Guatemala-----			1	Fla.
<i>Pseudischnaspis bowreyi</i> (Ckll.) (Coccidae):					
<i>Citrus aurantifolia</i> (lime)-----	Nicaragua-----	1			Fla.*
<i>Pseudischnaspis longissima</i> (Ckll.) (Coccidae):					
<i>Mangifera indica</i> (mango)-----	do-----	1			Calif.*
<i>Pseudococcus comstocki</i> (Kuw.) (Coccidae):					
<i>Malus sylvestris</i> (apple)-----	Japan-----		2		Calif.* Hawaii.
<i>Pseudococcus lilacinus</i> (Ckll.) (Coccidae):					
<i>Annona cherimola</i> (cherimoya)-----	Philippines-----			1	Wash.
<i>Lansium domesticum</i> -----	do-----	1			Hawaii.
<i>Mussaenda philippinensis</i> -----	do-----			1	D. C.
<i>Passiflora edulis</i> (purple granadilla)-----	do-----		1		Hawaii.
<i>Pseudococcus palmarum</i> (Ehrh.) (Coccidae):					
<i>Cocos nucifera</i> (coconut)-----	Hawaii-----			4	Calif.* Wash.
<i>Pseudococcus palmarum oceanicus</i> Tak. (Coccidae):					
<i>Cocos nucifera</i> (coconut)-----	do-----	2			Hawaii.
<i>Pseudococcus pinii</i> (Kuw.) (Coccidae):					
<i>Pinus</i> sp. (pine)-----	Japan-----		1		Mass.
<i>Psylla buxi</i> (L.) (Psyllidae):					
<i>Buxus sempervirens</i> (box)-----	Netherlands-----			2	N. J.
<i>Psylla buxi</i> (L.) (?) (Psyllidae):					
<i>Buxus sempervirens</i> (box)-----	France-----			1	D. C.
<i>Psylla mali</i> (Schmid.) (?) (Psyllidae):					
<i>Malus sylvestris</i> (apple)-----	Ireland-----	1			N. Y.
<i>Pulvinaria floccifera</i> (Westw.) (Coccidae):					
<i>Eurya japonica</i> -----	Japan-----	1			Hawaii.
<i>Pulvinaria psidii</i> Mask. (Coccidae):					
<i>Alpinia purpurata</i> -----	Hawaii-----	1			Hawaii.
<i>Anthurium</i> sp.-----	do-----	1			Hawaii.
<i>Gardenia augusta</i> (gardenia)-----	do-----	2			Hawaii.
<i>Litchi chinensis</i> (lychee)-----	India-----			1	D. C.
<i>Nerium oleander</i> (oleander)-----	Bermuda-----	1			N. Y.
<i>Plumeria</i> sp.-----	Hawaii-----	1			Hawaii.
<i>Puto ulter</i> Ferris (Coccidae):					
<i>Cynoches</i> sp. (orchid)-----	Costa Rica-----			1	Fla.
<i>Oncidium coebolella</i> (orchid)-----	Guatemala-----			1	Fla.
<i>Oncidium splendidum</i> -----	do-----			1	Tex.
Orchid-----	Guatemala, Mexico-----			3	Fla., Tex.

Pests collected and reported from July 1, 1956, through June 30, 1957—Continued
 [An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Pyrausta nubilalis</i> (Hbn.) (Pyraustidae):					
<i>Capsicum frutescens</i> (pepper)-----	Italy, Philippines-----		3		Calif.*, Pa.
<i>Sorghum vulgare technicum</i> (broomcorn)-----	Italy, Yugoslavia-----	9	1		Mass., Mich., N. Y., Pa.
<i>Reticulitermes flavipes</i> (Kol.) (Rhinotermitidae):					
<i>Fagus</i> sp. (beech)-----	Italy-----	1			N. Y.
<i>Solanum tuberosum</i> (potato)-----	Canada-----			1	Fla.*
<i>Rhagoletis basiola</i> (O. S.) (Tephritidae):					
<i>Rosa woodsii</i> (woods rose)-----	do-----			1	Wash.
<i>Rhagoletis basiola</i> (O.S.) (?) (Tephritidae):					
<i>Rosa</i> sp. (rose)-----	do-----			1	D. C.
<i>Rhagoletis cerasi</i> (L.) (Tephritidae):					
<i>Malus sylvestris</i> (apple)-----	Italy (?)-----		1		Mass.
<i>Prunus</i> sp. (cherry)-----	France, Germany, Greece, Italy, Portugal, Spain, unknown-----	20	24		Calif.*, La. Mass., N. Y.
<i>Rhagoletis cerasi</i> (L.) (?) (Tephritidae):					
<i>Malus sylvestris</i> (apple)-----	Unknown-----		1		N. Y.
<i>Prunus</i> sp. (cherry)-----	Italy, Netherlands-----		2		N. Y., Va.
<i>Rhagoletis cingulata</i> (L.) (Tephritidae):					
<i>Prunus</i> sp. (cherry)-----	France-----			1	Ill.
<i>Rhopalophora incrustata</i> Chevr. (Cerambycidae):					
<i>Sambucus</i> sp. (elder)-----	do-----	2			N. Y.
<i>Rhopalosiphoninus tulipaellus</i> (Theob.) (Aphidae):					
<i>Tulipa</i> sp. (tulip)-----	Netherlands-----			1	Tex.
<i>Rhopalosiphum crataegellum</i> (Theob.) (?) (Aphidae):					
<i>Lonicera</i> sp. (woodbine)-----	Ireland-----	1			Mass.
<i>Ribua innoxia</i> Hein. (Phycitidae):					
<i>Ananas comosus</i> (pineapple)-----	Cuba-----	12	1		Fla.*, La. N. Y., Tex.
<i>Sacadoles pyralis</i> Dyar (Noctuidae):					
<i>Gossypium</i> sp. (cottonseed)-----	Curacao-----	1			S. C.
<i>Scobicia chevieri</i> (Villa) (Bostrichidae):					
<i>Quercus</i> sp. (oak)-----	Morocco-----	1			Pa.
<i>Scolytus multistriatus</i> (Marsh.) (Scolytidae):					
<i>Ulmus</i> sp. (elm)-----	Canada-----	1			N. Y.
<i>Selenothrips rubrocinctus</i> (Giard) (Thripidae):					
<i>Psidium guajava</i> (guava)-----	Cuba-----	1			Fla.*
<i>Sesamia cretica</i> Led. (Noctuidae):					
<i>Sorghum vulgare technicum</i> (broomcorn)-----	Greece, Italy-----	9	1		Md., Mass., Mich., N. Y.
<i>Sinorylon anale</i> Lesne (Bostrichidae):					
Wood-----	India-----	1			Ala.
<i>Sinorylon conigerum</i> Gerst. (Bostrichidae):					
Baggage-----	Hawaii-----	1			Hawaii.
Wood-----	India-----	1			Md.
<i>Stiphanta acuta</i> (Wlk.) (Flatidae):					
Baggage-----	Hawaii-----	1			Hawaii.
<i>Dendrobium</i> sp. (orchid)-----	do-----			1	Hawaii.
<i>Vanda</i> sp. (orchid)-----	do-----	1			Hawaii.
<i>Sirex noctilio</i> F. (Siricidae):					
Wood-----	Germany-----	1			N. Y.
<i>Sitona lineata</i> L. (Curculionidae):					
<i>Rosa</i> sp. (rose)-----	England-----			1	N. J.
<i>Spanioneura fonscolombi</i> Foerst. (Psyllidae):					
<i>Buxus sempervirens</i> (box)-----	Italy-----			1	D. C.
<i>Spanogonicus albofasciata</i> (Reuter) (Miridae):					
<i>Saccharum officinarum</i> (sugarcane)-----	Mexico-----	1			Ariz.
<i>Sparteus villosus</i> (F.) (Bruchidae):					
<i>Cytisus</i> sp.-----	Switzerland-----			1	N. Y.
<i>Sparteus villosus</i> (F.) (?) (Bruchidae):					
<i>Spartium junceum</i> (weavers-broom)-----	Italy-----			1	N. J.

Pests collected and reported from July 1, 1956, through June 30, 1957—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Stenotarsonemus laticeps</i> (Halb.) (Tarsonemidae): <i>Narcissus</i> sp.-----	Canada, Northern Ireland.	-----	-----	2	N. J.
<i>Stenoma catenifer</i> Wlsm. (Stenomidae): <i>Persea americana</i> (avocado)-----	Costa Rica, Ecuador, Guatemala, Mexico, Nicaragua, Panama, Salvador, Venezuela.	17	6	3	Ala., Calif.*, Fla.*, La., N. Y., S. C., Tex.
<i>Stephanoderes hampei</i> (Ferr.) (Scolytidae): <i>Coffea arabica</i> (Arabian coffee)----- <i>Coffea canephora</i> ----- <i>Coffea ugandae</i> -----	Liberia----- French West Africa French Equatorial Africa. Angola	----- ----- ----- -----	----- ----- ----- 1	1 1 1	D. C. D. C. D. C. P. R.
<i>Coffea</i> sp.----- <i>Sternonchetus mangiferae</i> (F.) (Curculionidae): <i>Mangifera indica</i> (mango)-----	Hawaii, India, Philippines(?).	11	-----	-----	Calif.*, Hawaii, N. Y.
<i>Suidasia medanensis</i> Oud. (Acaridae): <i>Gossypium</i> sp. (cottonseed)-----	India-----	1	-----	-----	Wash.
<i>Systole geniculata</i> Foerster (Eurytomidae): <i>Ammi coccicum</i> -----	do-----	1	-----	-----	N. J.
<i>Taeniothrips atratus</i> (Hal.) (Thripidae): <i>Aster</i> sp.----- <i>Calluna vulgaris</i> (heather)----- <i>Dianthus caryophyllus</i> (carnation)-----	Germany----- Scotland----- Germany, Netherlands	1 5 2	----- ----- 2	-----	Ill. Mass., N. Y. Ill., Mass., Pa.
<i>Lathyrus odoratus</i> (sweet pea)----- <i>Lavandula</i> sp. (lavender)----- <i>Rosa</i> sp. (rose)-----	England----- do----- Scotland	2 1 1	----- ----- -----	-----	Ill., N. Y. Mass. N. Y.
<i>Taeniothrips ericae</i> (Hal.) (Thripidae): <i>Calluna vulgaris</i> (heather)----- <i>Erica australis</i> (southern heath)-----	do----- Portugal-----	5 -----	----- -----	1	Mass., N. Y. D. C.
<i>Taeniothrips hawaiiensis</i> (Morg.) (Thripidae): <i>Gardenia augusta</i> (gardenia)----- <i>Plumeria</i> sp.----- <i>Poklanthes tuberosa</i> (tuberose)-----	Hawaii----- do----- do-----	3 1 1	----- ----- -----	-----	Hawaii. Hawaii. Hawaii.
<i>Taeniothrips vulgarissimus</i> (Hal.) (Thripidae): <i>Rosa</i> sp. (rose)-----	Scotland-----	1	-----	-----	N. Y.
<i>Talponia batesi</i> Hein. (Olethreutidae): <i>Annona cherimola</i> (cherimoya)----- <i>Annona muricata</i> (soursop)-----	Mexico----- Trinidad-----	7 1	----- -----	-----	Tex. P. R.
" <i>Targionia</i> " <i>bromilae</i> (Leon) (Coccidae): <i>Ananas comosus</i> (pineapple)----- " <i>Targionia</i> " <i>hartii</i> (Ckll.) (Coccidae): <i>Dioscorea</i> sp. (yam)-----	Mexico----- Barbados, Cuba-----	1 1	----- 1	-----	Ariz. Fla.*, Mass.
" <i>Targionia</i> " <i>sacchari</i> (Ckll.) (Coccidae): <i>Saccharum officinarum</i> (sugarcane)----- <i>Teleonemia scrupulosa</i> Stal (Tingidae): <i>Vanda</i> sp. (orchid)-----	Cuba, St. Kitts----- Hawaii-----	1 1	1 -----	-----	Fla.*
<i>Tenthecoris angustimarginatus</i> Hsiao & Sailer (Miridae): Orchid----- <i>Tenthecoris bicolor</i> Scott (Miridae): <i>Lacaena spectabilis</i> (orchid)----- Orchid-----	Mexico----- Honduras----- Mexico-----	----- ----- -----	----- ----- -----	1 3 6	Tex. Hawaii. Ariz., Tex.
<i>Tenthecoris confusus</i> Hsiao & Sailer (Miridae): Orchid----- <i>Tenthecoris distinguendus</i> Hsiao & Sailer (Miridae): Orchid----- <i>Brassia caudata</i> (orchid)----- <i>Epidendrum atropurpureum</i> (orchid)----- <i>Rodriguezia secunda</i> (orchid)-----	do----- do----- do----- do----- do----- do-----	----- ----- ----- ----- ----- -----	----- ----- ----- ----- ----- -----	12 ----- ----- 1 1 1	Tex. Hawaii. Hawaii. Hawaii.
<i>Tenuipalpus pacificus</i> Baker (Tenuipalpidae): Orchid----- <i>Termes panamaensis</i> (Snyder) (Termitidae): Orchid----- <i>Tetralicia ericae</i> Harrison (Aleyrodidae): <i>Erica</i> sp.-----	Jamaica----- British Honduras----- Portugal-----	----- ----- -----	----- ----- -----	1 1 1	Fla. Fla. D. C.

Pests collected and reported from July 1, 1956, through June 30, 1957—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Tetranychus cinnabarinus</i> (Boisd.) (Tetranychidae):					
<i>Cucurbita maxima</i> (squash).....	Italy.....	1			Mass.
<i>Tetranychus desertorum</i> Banks (Tetranychidae):					
<i>Gossypium</i> sp. (cotton; plant).....	Mexico.....	1			Tex.
<i>Tetranychus telarius</i> (L.) (Tetranychidae):					
<i>Daphne</i> sp.....	England.....			1	N. J.
<i>Dianthus caryophyllus</i> (carnation).....	Germany.....		1		Ill.
<i>Tezananus spatulatus</i> (Van D.) (Cicadellidae):					
Cactus.....	Mexico.....			1	Tex.
<i>Theba pisana</i> (Muller) (Mollusca):					
<i>Beta vulgaris</i> (beet).....	Belgium.....		1		Pa.
<i>Beta vulgaris cicla</i> (Swiss chard).....	Venezuela.....		1		P. R.
Conex box.....	Morocco.....	1			Pa.
Dunnage.....	do.....		1		Ga.
<i>Linum usitatissimum</i> (flax).....	do.....			1	D. C.
Machinery.....	do.....	2			Pa.
Military cargo.....	Morocco, Tripoli.....	26			Pa., S. C.
<i>Thecla ziba</i> Hew. (Lycaenidae):					
<i>Ananas comosus</i> (pineapple).....	Mexico.....	1			Tex.
<i>Thrips flavus</i> Schrank (Thripidae):					
<i>Calluna vulgaris</i> (heather).....	Scotland.....	1			Mass.
<i>Dianthus caryophyllus</i> (carnation).....	Germany.....		1		Ill.
<i>Lathyrus odoratus</i> (sweet pea).....	England.....	1			Ill.
<i>Narcissus</i> sp.....	Ireland.....			1	N. Y.
<i>Thrips fuscipennis</i> Hal. (Thripidae):					
<i>Dianthus caryophyllus</i> (carnation).....	Germany.....	1			Ill.
<i>Rosa</i> sp. (rose).....	Scotland.....	1			N. Y.
<i>Thrips major</i> Uzel (Thripidae):					
<i>Dianthus caryophyllus</i> (carnation).....	Germany.....		1		Ill.
<i>Lathyrus odoratus</i> (sweet pea).....	England.....	1			Ill.
<i>Rosa</i> sp. (rose).....	England, Ireland.....	2			Ill., Mass.
<i>Tiracola plagiata</i> (Wlk.) (Noctuidae):					
Airplane.....	West Pacific.....		1		Hawaii.
<i>Trapezonotus arenarius</i> (L.) (Lygaeidae):					
Moss.....	Norway.....	1			N. Y.
<i>Trialeurodes lauri</i> (Sign.) (Aleyrodidae):					
<i>Laurus nobilis</i> (Grecian laurel).....	Italy.....		1		N. Y.
<i>Trialeurodes vaporariorum</i> (Westw.) (Aleyrodidae):					
<i>Persea americana</i> (avocado).....	Mexico.....	1			Tex.
<i>Ruta graveolens</i> (rue).....	do.....	1		1	Tex.
<i>Trionymus sacchari</i> (Ckll.) (Coccidae):					
<i>Saccharum spontaneum</i>	Japan.....			1	D. C.
<i>Trogoderma granarium</i> Everts (Dermestidae):					
<i>Oryza sativa</i> (rice).....	Brazil (?), Formosa, Hong Kong, India, Kuwait, Straits Settlements.....	16			Ala., Hawaii, Md., Pa., Va.
<i>Phaseolus aureus</i> (mung bean).....	Pakistan.....			1	D. C.
<i>Sorghum vulgare</i> (sorghum).....	do.....			1	D. C.
<i>Triticum aestivum</i> (wheat).....	Formosa.....		1		Hawaii.
<i>Trogoderma includum</i> LeConte (Dermestidae):					
<i>Cucurbita maxima</i> (squash).....	Cuba.....	1			Fla.*
<i>Trogoderma parabile</i> Beal (Dermestidae):					
<i>Gossypium</i> sp. (cottonseed).....	Mexico.....	1			Calif.
<i>Oryza sativa</i> (rice).....	Iran.....	1			N. Y.
<i>Tulipa</i> sp. (tulip).....	Netherlands.....			1	Ill.
<i>Trogoderma sternale</i> Jayne ssp. (Dermestidae):					
Flour.....	Mexico.....	1			Calif.
<i>Trogoxylon impressum</i> (Com.) (Lyctidae):					
<i>Quercus</i> sp. (oak).....	Morocco.....	1			Pa.
<i>Tyrophagus infestans</i> (Berl.) (Acaridae):					
Soil on kaki persimmon plants.....	Italy.....			1	Mass.
Soil with shamrock plants.....	Ireland.....			1	Mass.
<i>Unaspis citri</i> (Comst.) (Coccidae):					
<i>Citrus aurantifolia</i> (lime).....	Venezuela.....		1		Fla.*
<i>Citrus paradisi</i> (grapefruit).....	Japan.....		1		Calif.*
<i>Citrus reticulata</i> (Mandarin orange).....	do.....		1		Calif.*
<i>Citrus sinensis</i> (orange).....	Cuba, Japan, Mexico.....	1	2		Calif.* Fla.*

Pests collected and reported from July 1, 1956, through June 30, 1957—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Unaspis euonymi</i> (Comst.) (Coccidae):					
<i>Euonymus sieboldianus</i>	Japan.....			1	Calif.*
<i>Unaspis yanonensis</i> (Kuw.) (Coccidae):					
<i>Citrus aurantium</i> (sour orange).....	do.....		3		Calif.*
<i>Citrus limon</i> (lemon).....	do.....		2		Calif.*
<i>Citrus paradisi</i> (grapefruit).....	do.....		1		Calif.*
<i>Citrus reticulata</i> (Mandarin orange).....	China, Japan.....	5	28		Calif.*, Hawaii, Minn.
<i>Citrus reticulata unshiu</i> (satsuma orange).....	Japan.....	1			Hawaii.
<i>Citrus sinensis</i> (orange).....	do.....	2	25		Calif.*, Hawaii, Pa.
<i>Vanessa indica</i> (Hbst.) (Nymphalidae):					
Airplane.....	do.....		1		Hawaii.
<i>Vinsonia stellifera</i> (Westw.) (Coccidae):					
<i>Aspasia principissa</i> (orchid).....	Canal Zone.....			1	Fla.
<i>Brassavola nodosa</i> (orchid).....	Jamaica.....			1	Fla.
<i>Brassia caudata</i> (orchid).....	do.....			1	N. J.
<i>Broughtonia</i> sp. (orchid).....	Cuba, Jamaica.....			15	Fla., N. J.
<i>Camaridium</i> sp. (orchid).....	Trinidad.....			1	Fla.
<i>Catasetum</i> sp. (orchid).....	Canal Zone.....			1	Fla.
<i>Epidendrum anceps</i> (orchid).....	do.....			1	Fla.
<i>Epidendrum ciliare</i>	do.....			1	Calif.*
<i>Epidendrum</i> sp.....	British Honduras, Canal Zone.....			3	Fla., N. J.
<i>Garcinia</i> sp.....	Canal Zone.....			1	Fla.
<i>Gongora</i> sp. (orchid).....	do.....			1	Fla.
<i>Macradenia</i> sp. (orchid).....	do.....			1	Hawaii.
<i>Miltonia</i> sp. (orchid).....	Canal Zone, Panama.....			2	Fla., Hawaii.
<i>Oncidium auriferum</i> (orchid).....	Canal Zone.....			1	Fla.
<i>Oncidium</i> sp.....	do.....			2	Fla., N. J.
Orchid.....	Antigua, Bahamas, British Guiana, British Honduras, Canal Zone, Costa Rica, Guatemala, Jamaica, Panama, Puerto Rico, Salvador, Trinidad.....	1		22	Calif.*, Fla.
<i>Phajus</i> sp. (orchid).....	Jamaica.....			1	Fla.
<i>Strelitzia reginae</i> (bird-of-paradise).....	Haiti.....	1			Fla.*
<i>Tillandsia</i> sp.....	Trinidad.....			1	Fla.
<i>Xylobiops parilis</i> Lesne (Bostrichidae):					
Log.....	Mexico.....	1			Ariz.
<i>Xylobiops texanus</i> (Horn) (Bostrichidae):					
<i>Ananas comosus</i> (pineapple).....	do.....	1			Tex.
<i>Cercidium floridum</i> (paloverde).....	do.....			1	Tex.
<i>Xylosandrus germanus</i> (Bldfd.) (Scolytidae):					
<i>Camellia sinensis</i> (tea).....	Japan.....			1	D. C.
<i>Zeadiatraea lineolata</i> (Wlk.) (Crambidae):					
<i>Zea mays</i> (corn).....	Venezuela.....		1		Pa.
<i>Zonitoides arboreus</i> (Say) (Mollusca):					
<i>Catlega</i> sp. (orchid).....	Hawaii.....			1	Hawaii.
<i>Macadamia</i> sp.....	do.....	1			Hawaii.
Soil with anthurium plants.....	do.....			1	S. C.
<i>Zophodia convolutella</i> (Hbn.) (?) (Phycitidae):					
<i>Ribes</i> sp. (gooseberry).....	Sweden.....	1			N. Y.

Hosts and Insects

ABIES:

Blastophagus piniperda (Coleoptera)

ACER:

Aceria macrochelus (Acarina)

Pentatrichopus fraxaeifolii (Homoptera)

Periphyllus californiensis (Homoptera)

ACHRAS:

Anastrepha serpentina (Diptera)

ACTINOPHLOEUS:

Dacus dorsalis (Diptera)

AGARICUS:

Nemopogon granelia (Lepidoptera)

ALLIUM ASCALONICUM:

Myzus ascalonicus (Homoptera)

ALLIUM PORRUM:

Acrolepia assetella (Lepidoptera)

Deroceras reticulatum (Mollusca)

Glycyphagus domesticus (Acarina)

ALLIUM SATIVUM:

Aglossa cuprealis (Lepidoptera)

Brachycerus albidentatus (Coleoptera)

Brachycerus algerus (Coleoptera)

Dyspessa ulula (Lepidoptera)

Phyrdenus divergens (Coleoptera)

ALPINIA:

Bradybaena similaris (Mollusca)

Coccus viridis (Homoptera)

Pulvinaria psidii (Homoptera)

AMHERSTIA:

Aspidiotus diffinis (Homoptera)

ALYXIA:

Cercoplastes rubens (Homoptera)

AMARANTHUS:

Pachyzancla bipunctalis (Lepidoptera)

AMMI:

Systole gemiculata (Hymenoptera)

ANANAS:

Agroiconota propinqua (Coleoptera)

Alpheias conspirata (Lepidoptera)

Blissus leucopterus insularis (Hemiptera)

Brevipalpus phoenicis (Acarina)

Eutheola bidentata (Coleoptera)

Ribua innoria (Lepidoptera)

"Targionia" bromiliae (Homoptera)

Thecla ziba (Lepidoptera)

Xylobiops texanus (Coleoptera)

ANDROPOGON:

Nysius vinitor (Hemiptera)

ANNONA:

Bephra maculicollis (Hymenoptera)

Ceratitis capitata (Diptera)

Cerconota anonella (Lepidoptera)

Iridomyrmex humilis (Hymenoptera)

Pseudococcus lilacinus (Homoptera)

Talponia batesi (Lepidoptera)

ANTHURIUM:

Bradybaena similaris (Mollusca)

Ceroplastes rubens (Homoptera)

Pulvinaria psidii (Homoptera)

ANTIRRHINUM:

Prodenia ornithogalli (Lepidoptera)

APIUM:

Acidia heraclei (?) (Diptera)

Anuraphis tulipae (Homoptera)

Deroceras reticulatum (Mollusca)

Mamestra brassicae (Lepidoptera)

ARACHIS:

Caryedon fuscus (?) (Coleoptera)

ARCTOSTAPHYLOS:

Gynaikothrips ficorum (Thysanoptera)

ARCTOTIS:

Microcephalothrips abdominalis (Thysanoptera)

ASPASIA:

Vinsonia stellifera (Homoptera)

ASTER:

Frankliniella intonsa (Thysanoptera)

Taeniothrips atratus (Thysanoptera)

BAMBOO:

Asterolecanium mliarior robustum (Homoptera)

Chaetococcus bambusae (Homoptera)

BETA:

Gnorimoschema ocellatella (Lepidoptera)

Lixus junci (Coleoptera)

Theba pisana (Mollusca)

BRASSAVOLA:

Furcaspis biformis (Homoptera)

Vinsonia stellifera (Homoptera)

BRASSIA:

Tenthecoris distinguendus (Hemiptera)

Vinsonia stellifera (Homoptera)

BRASSICA NAPOBRASSICA:

Ceutorhynchus pleurostigma (Coleoptera)

BRASSICA OLERACEA BOTRYTIS:

Deroceras reticulatum (Mollusca)

Evergester rimosalis (Lepidoptera)

Mamestra brassicae (Lepidoptera)

Phytomyza rufipes (Diptera)

Pieris brassicae (Lepidoptera)

BRASSICA OLERACEA BULLATA:

Deroceras reticulatum (Mollusca)

BRASSICA OLERACEA CAPITATA:

Deroceras reticulatum (Mollusca)

Limax marginatus (Mollusca)

Limax maximus (Mollusca)

Mamestra brassicae (Lepidoptera)

Phytomyza rufipes (Diptera)

Pieris brassicae (Lepidoptera)

BRASSICA OLERACEA GONGYLODES:

Phytomyza rufipes (Diptera)

BRASSICA RAPA:

Helhula undalis (Lepidoptera)

Helophorus rugosus (Coleoptera)

Phytomyza rufipes (Diptera)

BROMELIAD:

Cryphula apicalis (Hemiptera)

Furcaspis biformis (Homoptera)

Galgupha punctifer (Hemiptera)

BROUGHTONIA:

Vinsonia stellifera (Homoptera)

BUXUS:

Eriophyes canestrinii (Acarina)

Psylla buxi (Homoptera)

CACTUS:

Aufeuus impressicollis (Hemiptera)

Lepidosaphes philococcus (Homoptera)

Orthezia cacticola (Homoptera)

Texananus spatulatus (Homoptera)

CAJANUS:

Acanthoscelides armitagei (Coleoptera)

Ancylostoma stercora (Lepidoptera)

Callosobruchus phaseoli (Coleoptera)

Chalcodermus aeneus (Coleoptera)

Maruca testulalis (Lepidoptera)

CALLUNA:

Gelechia ericetella (Lepidoptera)

Micrelus ericae (Coleoptera)

Orthotylus ericetorum (Hemiptera)

Taeniothrips atratus (Thysanoptera)

Taeniothrips ericae (Thysanoptera)

Thrips flavus (Thysanoptera)

CALOCARPUM:

Anastrepha ludens (?) (Diptera)

Anastrepha serpentina (Diptera)

CALOPHYLLUM:

Dacus dorsalis (?) (Diptera)

CAMARIDIUM:

Vinsonia stellifera (Homoptera)

CAMELLIA:

Aspidiotus degeneratus (Homoptera)

Brevipalpus inornatus (Acarina)

Lepidosaphes tubulorum (Homoptera) (As de-

finied by Kuwana)

Parlatoria camelliae (Homoptera)

Xylodendrus germanus (Coleoptera)

CANAVALLA:

Lampides boeticus (Lepidoptera)

Maruca testulalis (Lepidoptera)

CAPSICUM:

Dacus cucurbitae (Diptera)

Epinotia aporema (Lepidoptera)

Gnorimoschema gudmannella (Lepidoptera)

Neoleucinodes elegantalis (Lepidoptera)

Pachyzancla perisalis (Lepidoptera)

Phenacoccus parvus (Homoptera)

Platynota rostrana (Lepidoptera)

Pyrausta nivalis (Lepidoptera)

CASIMIROA:

Anastrepha ludens (Diptera)

Hosts and Insects—Continued

- CASSIA:**
Aganactes indecora (Lepidoptera)
Caryedon fuscus (Coleoptera)
Fundella pellucens (Lepidoptera)
- CASTANEA:**
Curculio elephas (Coleoptera)
Hemimene juliana (Lepidoptera)
Laspeyresia splendana (Lepidoptera)
- CATASETUM:**
Deroceras reticulatum (Mollusca)
Limax marginatus (Mollusca)
Vinsonia stellifera (Homoptera)
- CATTLEA:**
Farinococcus guatemalensis (Homoptera)
Furcaspis biformis (Homoptera)
Helix aspersa (Mollusca)
Lamelazis gracilis (Mollusca)
Pseudischnaspis alienus (Homoptera)
Zonitoides arboreus (Mollusca)
- CERATONIA:**
Ectomyelois ceratoniae (Lepidoptera)
- CERCIDIUM:**
Xylobiops texanus (Coleoptera)
- CHAMAEDOREA:**
Caulophilus latinasus (Coleoptera)
Chrysomphalus sphaeroides (Homoptera)
Coelonertus nigrirostris (Coleoptera)
Metronia erratica angularis (Coleoptera)
- CHRYSSALIDOCARPUS:**
Coccotrypes carpophagus (Coleoptera)
- CHRYSSANTHEMUM:**
Anuraphis cardui (Homoptera)
Frankliniella bispinosa (Thysanoptera)
Frankliniella formosae (Thysanoptera)
Homoeosoma electellum (Lepidoptera)
Microcephalothrips abdominalis (Thysanoptera)
- CICHORIUM:**
Deroceras reticulatum (Mollusca)
Phytomyza rufipes (Diptera)
- CINNAMOMUM:**
Protopulvinaria pyriformis (Homoptera)
- CITRUS AURANTIFOLIA:**
Aleurocanthus woglumi (Homoptera)
Anastrepha ludens (Diptera)
Coccus viridis (Homoptera)
Dysdercus mimus (Hemiptera)
Leucaspis cockerelli (Homoptera)
Morganella longispina (Homoptera)
Pseudischnaspis boureyi (Homoptera)
Unaspis citri (Homoptera)
- CITRUS AURANTIUM:**
Unaspis yanonensis (Homoptera)
- CITRUS AURANTIUM VAR.:**
Aleurotuberculatus auaebea (Homoptera)
- CITRUS GRANDIS:**
Glycyphagus domesticus (Acarina)
Parlatoria zizyphi (Homoptera)
- CITRUS LIMON:**
Ceratitis capitata (Diptera)
Chrysomphalus personatus (Homoptera)
Leucaspis cockerelli (Homoptera)
Parlatoria zizyphi (Homoptera)
Unaspis yanonensis (Homoptera)
- CITRUS LIMON VAR. PONDEROSA:**
Anastrepha ludens (Diptera)
- CITRUS PARADISI:**
Anastrepha ludens (Diptera)
Ceratitis capitata (Diptera)
Parlatoria cinerea (Homoptera)
Pseudanidia trilobitiformis (Homoptera)
Unaspis citri (Homoptera)
Unaspis yanonensis (Homoptera)
- CITRUS RETICULATA:**
Anastrepha ludens (Diptera)
Ceratitis capitata (Diptera)
Chrysomphalus bifasciculatus (Homoptera)
Parlatoria cinerea (Homoptera)
Parlatoria zizyphi (Homoptera)
Unaspis citri (Homoptera)
Unaspis yanonensis (Homoptera)
- CITRUS RETICULATA UNSHIU:**
Unaspis yanonensis (Homoptera)
- CITRUS SINENSIS:**
Anastrepha ludens (Diptera)
Ceratitis capitata (Diptera)
- Chrysomphalus bifasciculatus* (Homoptera)
Chrysomphalus personatus (Homoptera)
Dialeurodes citri (Homoptera)
Erptochiomeria confusa (Hemiptera)
Leucaspis cockerelli (Homoptera)
Parlatoria cinerea (Homoptera)
Parlatoria zizyphi (Homoptera)
Unaspis citri (Homoptera)
Unaspis yanonensis (Homoptera)
- CITRUS SP:**
Aleurocanthus woglumi (Homoptera)
- COCOS:**
Aspidiotus destructor (Homoptera)
Diocalandra taitensis (Coleoptera)
Ereunetis flavistriata (Lepidoptera)
Pinnaspis buxi (Homoptera)
Pseudococcus palmarum (Homoptera)
Pseudococcus palmarum oceanicus (Homoptera)
- CODIAEUM:**
Aleuroplatus mammaeferus (Homoptera)
Lepidosaphes tokionis (Homoptera)
Pantomorus godmani (Coleoptera)
Parlatoria crotonis (Homoptera)
- COFFEA:**
Ceratitis capitata (Diptera)
Dacus dorsalis (Diptera)
Leucoptera coffeella (Lepidoptera)
Protopulvinaria pyriformis (Homoptera)
Stephanoderes hampei (Coleoptera)
- COLOCASIA:**
Bradybaena similis (Mollusca)
- COLUTEA:**
Bruchophagus coluteae (Hymenoptera)
- CONOSPERMUM:**
Asterolecanium petrophilae (Homoptera)
- COPAIFERA:**
Platypus rugulosus (Coleoptera)
- CORDYLINE:**
Bradybaena similis (Mollusca)
Deroceras reticulatum (Mollusca)
Pantomorus godmani (Coleoptera)
Pinnaspis buxi (Homoptera)
Plusia chalcites (Lepidoptera)
- CORYLUS:**
Curculio nucum (Coleoptera)
- CRATAEGUS:**
Ceratitis capitata (Diptera)
Lecanium corni (Homoptera)
- CUCUMIS:**
Dacus cucurbitae (?) (Diptera)
Deroceras reticulatum (Mollusca)
- CUCURBITA:**
Dacus ciliatus (Diptera)
Ogdocoeca catenulata (Coleoptera)
Tetranychus cinnabarinus (Acarina)
Trogoderma inclusum (Coleoptera)
- CYCNOCHES:**
Puto ulter (Homoptera)
- CYDONIA:**
Anastrepha ludens (Diptera)
Ectomyelois ceratoniae (Lepidoptera)
Euzophora bigella (?) (Lepidoptera)
- CYMBIDIUM:**
Lepidosaphes tuberculata (Homoptera)
- CYNARA:**
Anuraphis cardui (Homoptera)
- CYTISUS:**
Bryobia sarothamni (Acarina)
Sparticus villosus (Coleoptera)
- DAPHNE:**
Tetranychus telarius (Acarina)
- DAUCUS:**
Deroceras reticulatum (Mollusca)
- DELONIX:**
Ectomyelois ceratoniae (Lepidoptera)
- DENDROBIUM:**
Aspidiotus australiensis (Homoptera)
Nezara viridula (Hemiptera)
Siphanta acuta (Homoptera)
- DIANTHUS:**
Nezara viridula (Hemiptera)
Taeniothrips atratus (Thysanoptera)
Tetranychus telarius (Acarina)
Thrips flavus (Thysanoptera)
Thrips fuscipennis (Thysanoptera)

Hosts and Insects—Continued

DIANTHUS—Continued

Thrips major (Thysanoptera)

DIEFFENBACHIA:

Bradybaena similaris (Mollusca)

Ceroplastes rubens (Homoptera)

Macropygium reticulare (Hemiptera)

DIOSCOREA:

Palaeopus costicollis (Coleoptera)

Protopulvinaria longivalvata (Homoptera)

"*Targionia*" *hartii* (Homoptera)

DIOSPYROS:

Ceratitis capitata (Diptera)

DOLICHOS:

Lampides boeticus (Lepidoptera)

ENTEROLOBIUM:

Ectomyelois muriscis (Lepidoptera)

EPIDENDRUM:

Asterolecanium epidendri (Homoptera)

Cryphula fasciatus (Hemiptera)

Deroceras reticulatum (Mollusca)

Eurytoma orchidearum (Hymenoptera)

Furcaspis bifornis (Homoptera)

Pantomorus godmani (Coleoptera)

Tenthecoris distinguendus (Hemiptera)

Vinsonia stellifera (Homoptera)

ERICA:

Arctothrips cataphracta (Homoptera)

Taeniothrips ericae (Thysanoptera)

Tetrachia ericae (Homoptera)

ERIOBOTRYA:

Ceratitis capitata (Diptera)

EUGENIA:

Anastrepha mombinpraeoptans (Diptera)

Dacus dorsalis (Diptera)

EUONYMUS:

Unaspis euonymi (Homoptera)

EUPHORBIA:

Ferrisia virgata (Homoptera)

EURYA:

Pulvinaria floccifera (Homoptera)

FAGUS:

Reticulitermes flavipes (Isoptera)

FICUS:

Ceratitis capitata (Diptera)

Ceroplastes ruscii (Homoptera)

Dacus dorsalis (?) (Diptera)

Iridomyrmex humilis (Hymenoptera)

FORSYTHIA:

Dialeurodes citri (Homoptera)

FRAGARIA:

Deroceras reticulatum (Mollusca)

GARCINIA:

Vinsonia stellifera (Homoptera)

GARDENIA:

Ceroplastes rubens (Homoptera)

Coccus viridis (Homoptera)

Dialeurodes citri (Homoptera)

Dialeurodes kirkaldyi (Homoptera)

Pealius hibisci (Homoptera)

Protopulvinaria pyriformis (Homoptera)

Pulvinaria psidii (Homoptera)

Taeniothrips hawaiiensis (Thysanoptera)

GESNERIACEAE:

Phenacoccus solani (Homoptera)

GLADIOLUS:

Frankliniella formosae (Thysanoptera)

Frankliniella occidentalis (Thysanoptera)

GONGORA:

Vinsonia stellifera (Homoptera)

GOSSYPIUM:

Coptotermes formosanus (Isoptera)

Mecynia peruella (Lepidoptera)

Pectinophora gossypiella (Lepidoptera)

Sacadodes pyralis (Lepidoptera)

Suidasia medianensis (Acarina)

Tetranychus desertorum (Acarina)

Trogoderma parabile (Coleoptera)

GRAMMATOPHYLLUM:

Monomorium destructor (Hymenoptera)

HELICONIA:

Pentalonia nigronervosa (Homoptera)

HIBISCUS:

Adoretus sinicus (Coleoptera)

Pectinophora gossypiella (Lepidoptera)

HYMENOCALLIS:

Brithys pancratii (Lepidoptera)

IPOMOEA:

Cylas formicarius ssp. (Coleoptera)

Cylas formicarius var. (Coleoptera)

Cylas formicarius elegantulus (Coleoptera)

Cylas formicarius formicarius (Coleoptera)

Cylas puncticollis (Coleoptera)

Euscepes postfasciatus (Coleoptera)

Palaeopus costicollis (Coleoptera)

IRIS:

Anuraphis tulipae (Homoptera)

JASMINUM:

Dialeurodes kirkaldyi (Homoptera)

JUGLANS:

Ectomyelois ceratoniae (Lepidoptera)

JUNCUS:

Nipponaclerda biwakoensis (Homoptera)

JUNIPERUS:

Pentamerismus coronatus (Acarina)

Pentamerismus oregonensis (Acarina)

LACAENA:

Tenthecoris bicolor (Hemiptera)

LACTUCA:

Arion circumscriptus (Mollusca)

Deroceras reticulatum (Mollusca)

Helix aperta (Mollusca)

Mamestra brassicae (Lepidoptera)

LANSIUM:

Pseudococcus lilacinus (Homoptera)

LATHYRUS:

Frankliniella intonsa (Thysanoptera)

Taeniothrips atratus (Thysanoptera)

Thrips flavus (Thysanoptera)

Thrips major (Thysanoptera)

LAURUS:

Trialeurodes lauri (Homoptera)

LAVANDULA:

Frankliniella intonsa (Thysanoptera)

Taeniothrips atratus (Thysanoptera)

LENS:

Bruchus ervi (Coleoptera)

Bruchus lentis (Coleoptera)

Bruchus signaticornis (Coleoptera)

LEUCAENA:

Araecerus levipennis (Coleoptera)

LILIAEAE:

Helix aspersa (Mollusca)

Limax marginatus (Mollusca)

LILIUM:

Bradybaena similaris (Mollusca)

Deroceras reticulatum (Mollusca)

Haplothrips goudeyi (Thysanoptera)

Pheidole megacephala (Hymenoptera)

LINUM:

Theba pisana (Mollusca)

LITCHI:

Coccus acutissimus (Homoptera)

Fiorinia nephelii (Homoptera)

Leucaspis cockerelli (Homoptera)

Pulvinaria psidii (Homoptera)

LONCHOCARPUS:

Dinoderus bifoveolatus (Coleoptera)

LONICERA:

Rhopalosiphum crataegellum (Homoptera)

LYCASTE:

Deroceras reticulatum (Mollusca)

Limax marginatus (Mollusca)

Monomorium destructor (Hymenoptera)

LYCOPERSICON:

Blissus leucopterus insularis (Hemiptera)

Dacus cucurbitae (Diptera)

MACADAMIA:

Cryptophlebia illepada (Lepidoptera)

Zonitoides arboreus (Mollusca)

MACRADENIA:

Vinsonia stellifera (Homoptera)

MAILUS:

Anastrepha ludens (Diptera)

Argyresthia conjugella (Lepidoptera)

Carpocapsa sasakii (Lepidoptera)

Ectomyelois ceratoniae (Lepidoptera)

Lecanium corni (Homoptera)

Pseudococcus comstocki (Homoptera)

Hosts and Insects—Continued

MALUS—Continued

Psylla mali (?) (Homoptera)*Rhagoletis cerasi* (Diptera)

MAMMEA:

Anastrepha serpentina (Diptera)

MANGIFERA:

Anastrepha ludens (Diptera)*Anastrepha mombinpraeoptans* (Diptera)*Aulacaspis mangiferae* (Homoptera)*Dacus dorsalis* (Diptera)*Pseudischchnaspis longissima* (Homoptera)*Sternochetus mangiferae* (Coleoptera)

MENTHA:

Phorodon menthae (Homoptera)

MILTONIA:

Vinsonia stellifera (Homoptera)

MONSTERA:

Cactophagus validirostris (Coleoptera)

MUSA:

Cosmopolites sordidus (Coleoptera)*Epilachna paenulata* (Coleoptera)*Epilachna paenulata* var. (Coleoptera)*Metamasius sericeus* (Coleoptera)*Porphyrobaphe iostoma* (Mollusca)

MUSCARI:

Bouhelia maroccana (Homoptera)

MUSSAENDA:

Pseudococcus lilacinus (Homoptera)

MYOPORUM:

Brevipalpus inornatus (Acarina)

NARCISSUS:

Lampetia equestris (Diptera)*Limothrips cerealium* (Thysanoptera)*Stenotarsonemus laticeps* (Acarina)*Thrips flavus* (Thysanoptera)

NERIUM:

Ferrisia virgata (Homoptera)*Pulvinaria psidii* (Homoptera)

NIPA:

Aspidiotus destructor (Homoptera)

OLEA:

Dacus oleae (Diptera)*Prays oleellus* (Lepidoptera)

ONCIDIUM:

Brevipalpus oncidii (Acarina)*Furcaspis biformis* (Homoptera)*Limax marginatus* (Mollusca)*Puto ulter* (Homoptera)*Vinsonia stellifera* (Homoptera)

ONONIS:

Bruchophagus ononis (?) (Hymenoptera)

OPERCULINA:

Bradybaena similis (Mollusca)*Megacerus alternatus* (Coleoptera)

OPUNTIA:

Ceratitidis capitata (Diptera)

ORBIGNYA:

Caulophilus latinasus (Coleoptera)

ORCHID:

Artipus grisescens (Coleoptera)*Asterolecanium epidendri* (Homoptera)*Calligrapha diversa* (Coleoptera)*Capaneus tetricus* (Hemiptera)*Cephaloleia atriceps* (Coleoptera)*Chalepus omoger* (Coleoptera)*Cligenes delineata* (Hemiptera)*Deroceas reticulatum* (Mollusca)*Diorymerellus laevimargo* (Coleoptera)*Epilachna mexicana* (Coleoptera)*Erpochtiomera albomaculata* (Hemiptera)*Erpochtiomera oblonga* (Hemiptera)*Ferrisia virgata* (Homoptera)*Furcaspis biformis* (Homoptera)*Galgapha punctifer* (Hemiptera)*Iridomyrmex iniquus* (Hymenoptera)*Limax marginatus* (Mollusca)*Limax maximus* (Mollusca)*Lygaeus pulchellus* (Hemiptera)*Mecolaemus carvalhoi* (?) (Hemiptera)*Monanthia monotropidia* (Hemiptera)*Monomorium destructor* (Hymenoptera)*Nasutitermes columbicus* (Isoptera)*Nasutitermes corniger* (Isoptera)*Neosteingelia texana* (Homoptera)*Necropsis hieroglyphica* (Lepidoptera)*Paromius longulus* (Hemiptera)*Pheidole megacephala* (Hymenoptera)*Plagiiodera semivittata* (Coleoptera)*Plagiiodera thymaloides* (Coleoptera)*Puto ulter* (Homoptera)*Tenthorcoris angustimarginatus* (Hemiptera)*Tenthorcoris bicolor* (Hemiptera)*Tenthorcoris confusus* (Hemiptera)*Tenuipalpus pacificus* (Acarina)*Termes panamaensis* (Isoptera)*Vinsonia stellifera* (Homoptera)

ORNITHOGALUM:

Epichorista ionephela (Lepidoptera)

ORYZA:

Chilo suppressalis (Lepidoptera)*Trogoderma granarium* (Coleoptera)*Trogoderma parabile* (Coleoptera)

OSMANTHUS:

Chrysomphalus bifasciculatus (Homoptera)

PALM:

Chrysomphalus bifasciculatus (Homoptera)

PASSIFLORA:

Iridomyrmex humilis (Hymenoptera)*Pseudococcus lilacinus* (Homoptera)

PELARGONIUM:

Limax marginatus (Mollusca)

PEPEROMIA:

Parthenothrips dracaenae (Thysanoptera)

PERSEA:

Aspidiotus destructor (Homoptera)*Ceratitidis capitata* (Diptera)*Conotrachelus aguacatae* (Coleoptera)*Heilipus lauri* (Coleoptera)*Stenomoma catenifer* (Lepidoptera)*Trialeurodes vaporariorum* (Homoptera)

PHAEOMERIA:

Hyaloleplus pellucidus (Hemiptera)

PHAJUS:

Adoretus sinicus (Coleoptera)*Vinsonia stellifera* (Homoptera)

PHASEOLUS:

Callosobruchus phaseoli (Coleoptera)*Epinotia aporema* (Lepidoptera)*Everes comyntas* (Lepidoptera)*Maruca testulalis* (Lepidoptera)*Trogoderma granarium* (Coleoptera)

PHILODENDRON:

Chrysomphalus sphaeroides (Homoptera)*Deroceas reticulatum* (Mollusca)*Erpochtiomera confusa* (Hemiptera)

PHYSALIS:

Heliothis subflexa (Lepidoptera)

PINUS:

Blastophagus piniperda (Coleoptera)*Dichocrocis punctiferalis* (Lepidoptera)*Ernobius mollis* (Coleoptera)*Hylurgops palliatus* (Coleoptera)*Pityogenes chalcographus* (Coleoptera)*Pseudococcus pini* (Homoptera)

PISTACIA:

Megastigmus pistaciae (Hymenoptera)

PISUM:

Acanthoscelides armitagei (Coleoptera)*Ancylostoma stercora* (Lepidoptera)*Fundella pellucens* (Lepidoptera)*Lampides boeticus* (Lepidoptera)*Laspeyresia nigricana* (Lepidoptera)

PLUMERIA:

Coccus viridis (Homoptera)*Conotelia mexicanus* (Coleoptera)*Pulvinaria psidii* (Homoptera)*Taeniothrips hawaiiensis* (Thysanoptera)

POLIANTHES:

Taeniothrips hawaiiensis (Thysanoptera)

POLYSCIAS:

Phenacoccus gossypii (Homoptera)

PROSOPIS:

Dendrobiella aspera (Coleoptera)

PRUNUS AMYGDALUS:

Aspidiotus destructor (Homoptera)*Ectomyleois ceratoniae* (Lepidoptera)

PRUNUS ARMENIACA:

Ceratitidis capitata (Diptera)*Ischnodemus diplopterus* (Hemiptera)*Porthetria dispar* (Lepidoptera)

Hosts and Insects—Continued

- PRUNUS DOMESTICA:**
Ceratitis capitata (Diptera)
Megalometis chilensis (Coleoptera)
- PRUNUS PERSICA:**
Anastrepha fraterculus (Diptera)
Anastrepha ludens (Diptera)
Ceratitis capitata (Diptera)
Ectomyelois ceratoniae (Lepidoptera)
Eulia auraria (?) (Lepidoptera)
Grapholitha molesta (Lepidoptera)
Ischnodemus diplopterus (Hemiptera)
- PRUNUS PERSICA NECTARINA:**
Eulia auraria (?) (Lepidoptera)
Euxoa lutescens (Lepidoptera)
- PRUNUS SP.** (cherry)
Ceratitis capitata (Diptera)
Rhagoletis cerasi (Diptera)
Rhagoletis cingulata (Diptera)
- PSIDIUM:**
Aleurothrixus floccosus (Homoptera)
Anastrepha mombinpraeoptans (Diptera)
Anastrepha striata (Diptera)
Anastrepha suspensa (Diptera)
Ceratitis capitata (?) (Diptera)
Dacus dorsalis (Diptera)
Selenothrips rubrocinctus (Thysanoptera)
- PUNICA:**
Ceratitis capitata (?) (Diptera)
Cryptoblabes gnidiella (Lepidoptera)
Ectomyelois ceratoniae (Lepidoptera)
- PYRUS:**
Anastrepha ludens (Diptera)
Ceratitis capitata (Diptera)
- PACHYRHIZUS:**
Heterotermes aureus (Isoptera)
- QUERCUS:**
Curculio elephas (Coleoptera)
Curculio q-griseae (Coleoptera)
Dryocoetes villosus (Coleoptera)
Lyctus brunneus (Coleoptera)
Scobicia chevrieri (Coleoptera)
Trogoxylon impressum (Coleoptera)
- RAPHANUS:**
Ceutorhynchus erysimi (Coleoptera)
Heltila undalis (Lepidoptera)
- RHODODENDRON:**
Brevipalpus inornatus (Acarina)
Deroceras reticulatum (Mollusca)
Dialeurodes chittendeni (Homoptera)
Gracilaria azaleae (Lepidoptera)
Masonaphis rhododendri (Homoptera)
Phenacoccus azaleae (Homoptera)
- RIBES:**
Zophodia convolutella (?) (Lepidoptera)
- RODRIGUEZIA:**
Tenthoricis distinguendus (Hemiptera)
- ROSA:**
Ardis sulcata (Hymenoptera)
Arge ochropa (Hymenoptera)
Bryobia cristata (Acarina)
Cladius isomerus (Hymenoptera)
Cladius pectinicornis (Hymenoptera)
Deroceras reticulatum (Mollusca)
Endelomyia aethiops (Hymenoptera)
Frankliniella intonsa (Thysanoptera)
Pentatrichopus tetradon (?) (Homoptera)
Platynota rostrana (?) (Lepidoptera)
Rhagoletis basiola (Diptera)
Sitona lineata (Coleoptera)
Taeniothrips atratus (Thysanoptera)
Taeniothrips vulgatissimus (Thysanoptera)
Thrips fuscipennis (Thysanoptera)
Thrips major (Thysanoptera)
- RUBUS:**
Asterobemisia carpinii (Homoptera)
- RUTA:**
Trialeurodes vaporariorum (Homoptera)
- SACCHARUM:**
Trionymus sacchari (Homoptera)
Chilo loftini (Lepidoptera)
Ischnodemus saccharinorus (Hemiptera)
Opogona subcervinella (Lepidoptera)
Spanogonicus albofasciata (Hemiptera)
"Targionia" sacchari (Homoptera)
- SAMBUCUS:**
Rhopalophora incrustata (Coleoptera)
- SANSEVIERIA:**
Aglossa cuprealis (Lepidoptera)
- SCHOMBURGKIA:**
Nasutitermes nigriceps (Isoptera)
- SEDUM:**
Chrysomphalus nigropunctatus (Homoptera)
- SEBANIA:**
Maruca testulalis (Lepidoptera)
- SOIL:**
Brachyrhinus cvatus (Coleoptera)
Deroceras reticulatum (Mollusca)
Glycyphagus domesticus (Acarina)
Opogona subcervinella (Lepidoptera)
Tyrophagus infestans (Acarina)
Zonitoides arboreus (Mollusca)
- SOLANUM ANDIGENUM:**
Glycyphagus domesticus (Acarina)
- SOLANUM MELONGENA:**
Blissus leucopterus (Hemiptera)
Leucinodes orbonalis (Lepidoptera)
Neoleucinodes elegantalis (Lepidoptera)
- SOLANUM TUBEROSUM:**
Epicaerus cognatus (Coleoptera)
Reticulitermes flavipes (Isoptera)
- SOLANUM (?) SP.:**
Neoleucinodes elegantalis (Lepidoptera)
- SORBUS:**
Argyresthia conjugella (Lepidoptera)
- SORGHUM:**
Pyrausta nubilalis (Lepidoptera)
Sesamia cretica (Lepidoptera)
Trogoderma granarium (Coleoptera)
- SPARTIUM:**
Sparticus villosus (?) (Coleoptera)
- SPATHOGLOTTIS:**
Ferrisia virgata (Homoptera)
- SPONDIAS:**
Anastrepha mombinpraeoptans (Diptera)
- STRELTZIA:**
Bradybaena similis (Mollusca)
Pentalonia nigronervosa (Homoptera)
Vinsonia stellifera (Homoptera)
- SYRINGA:**
Adoxophyes orana (Lepidoptera)
- TAMARINDUS:**
Caryedon fuscus (Coleoptera)
Ectomyelois ceratoniae (Lepidoptera)
- TERMINALIA**
Anastrepha mombinpraeoptans
- THEOBROMA:**
Phenacoccus gossypii (Homoptera)
- TIGRIDIA:**
Anisaphis tulipae (Homoptera)
- TILLANDSIA:**
Calligrapha diversa (Coleoptera)
Erpochioma albomaculata (Hemiptera)
Furcaspis bifurmis (Homoptera)
Galgapha texana (Hemiptera)
Monanthia monotropidia (Hemiptera)
Vinsonia stellifera (Homoptera)
- TRIFOLIUM:**
Adelphocoris seticornis (Hemiptera)
Hypera nigristrois (Coleoptera)
- TRITICUM:**
Trogoderma granarium (Coleoptera)
- TULIPA:**
Anisaphis tulipae (Homoptera)
Rhopalosiphoninus tulipae (Homoptera)
Trogoderma parabile (Coleoptera)
- ULMUS:**
Scolytus multistriatus (Coleoptera)
- VANDA:**
Bradybaena similis (Mollusca)
Conotelus mexicanus (Coleoptera)
Deroceras reticulatum (Mollusca)
Monomorium destructor (Hymenoptera)
Nysius coenosulus (Hemiptera)
Orchidophilus aterrimus (Coleoptera)
Parlatoria pseudaspidiotus (Homoptera)
Plusia chalcites (?) (Lepidoptera)
Siphanta acuta (Homoptera)
Teleonemia scrupulosa (Hemiptera)

Hosts and Insects—Continued

VICIA:	<i>Listroderes costirostris obliquus</i> (Coleoptera)
<i>Bruchus luteicornis</i> (Coleoptera)	<i>Naupactus xanthographus</i> (Coleoptera)
<i>Bruchus tristis</i> (Coleoptera)	<i>Neotermes chilensis</i> (Isoptera)
VIGNA:	<i>Nezara viridula</i> (Hemiptera)
<i>Fundella pellucens</i> (Lepidoptera)	<i>Phlyctinus callosus</i> (Coleoptera)
VITIS:	ZANTEDESCHIA:
<i>Antispila rivillei</i> (?) (Lepidoptera)	<i>Frankliniella occidentalis</i> (Thysanoptera)
<i>Carbula litigatrix</i> (Hemiptera)	ZEAL:
<i>Ceratitis capitata</i> (Diptera)	<i>Chilo loftini</i> (Lepidoptera)
<i>Chelymorpha varians</i> (Coleoptera)	<i>Moodna bisinuella</i> (Lepidoptera)
<i>Cletus caffer</i> (Hemiptera)	<i>Pagiocerus fiorii</i> (Coleoptera)
<i>Cletus ochraceus</i> (Hemiptera)	<i>Zeadiatraea lineolata</i> (Lepidoptera)
<i>Conoderus rufangulus</i> (Coleoptera)	ZINGIBER:
<i>Iridomyrmex humilis</i> (Hymenoptera)	<i>Monomorium destructor</i> (Hymenoptera)
<i>Leptoglossus chilensis</i> (Hemiptera)	<i>Pentalonia nigronervosa</i> (Homoptera)

Hosts Unknown

AIRPLANE:

Crambus ligonellus (Lepidoptera)
Dacus dorsalis (Diptera)
Diaphania indica (Lepidoptera)
Leptocorixa acuta (Hemiptera)
Mocis latipes (Lepidoptera)
Noropsis hieroglyphica (Lepidoptera)
Pachnaeus litus (Coleoptera)
Perigea illecta (Lepidoptera)
Platypus rugulosus (Coleoptera)
Tiracola plagiata (Lepidoptera)
Vanessa indica (Lepidoptera)

BAGGAGE:

Chelysoma variabilis (Hemiptera)
Plusia chalcites (Lepidoptera)
Sinozylon conigerum (Coleoptera)
Sphanta acula (Homoptera)

BARK:

Ernobius mollis (Coleoptera)
Hylurgops palliatus (Coleoptera)
Pityogenes chalcographus (Coleoptera)

BEAN:

Callosobruchus phaseoli (Coleoptera)
Neodryocoetes guianae (Coleoptera)

BOX:

Galgupha punctifer (Hemiptera)

BOX OF TOMATOES:

Dendrobiella aspera (Coleoptera)

BULB:

Arion circumscriptus (Mollusca)

CARDBOARD CRATE:

Nasutitermes corniger (Isoptera)

CLOTHING:

Monomorium destructor (Hymenoptera)

CONEX BOX:

Porthetria dispar (Lepidoptera)
Theba pisana (Mollusca)

DEBRIS:

Heterobostrychus brunneus (Coleoptera)
Iridomyrmex iniquus (Hymenoptera)

DUNNAGE:

Theba pisana (Mollusca)

FLOUR:

Trogoderma sternale (Coleoptera)

FLOWERS:

Adoretus sinicus (Coleoptera)
Deroceras reticulatum (Mollusca)
Frankliniella bispinosa (Thysanoptera)
Frankliniella formosae (Thysanoptera)

FOREST LITTER:

Arctothelia calaphracta (Homoptera)

FRUIT:

Lepidosaphes carinata (Homoptera)

GREENS:

Aleurocanthus woglumi (Homoptera)

HERBS AND PLANTS:

Aglossa cuprealis (Lepidoptera)

LEAF:

Coccus viridis (Homoptera)
Eucalymnatus tessellatus (Homoptera)
Orthesia pseudinsignis (Homoptera)
Pachyzancla bipunctalis (Lepidoptera)
Protopulvinaria pyriformis (Hymenoptera)

LEGUME POD:

"Acanthoscelides" spinipes (Coleoptera)

MACHINERY:

Theba pisana (Mollusca)

MILITARY CARGO:

Metopoplax ditomoides (Hemiptera)
Theba pisana (Mollusca)

MOSS:

Trapezonotus arenarius (Hemiptera)

PARCEL CONTAINING ANTHURIUM AND

ORCHID FLOWERS:

Dacus dorsalis (Diptera)

PLANTS:

Aleurocanthus woglumi (Homoptera)

PULPWOOD LOG:

Ips calligraphus (Coleoptera)

QUARTERS:

Argina cribraria (Lepidoptera)

SEED POD:

Mimosestes dominicanus (Coleoptera)

SUCCULENT:

Deroceras reticulatum (Mollusca)

SUITCASE:

Malacosoma castrensis (Lepidoptera)

WOOD:

Cossus cossus (Lepidoptera)
Cryptotermes brevis (Isoptera)
Cryptotermes cavifrons (Isoptera)
Heterobostrychus aequalis (Coleoptera)
Lyctus africanus (Coleoptera)
Pityogenes chalcographus (Coleoptera)
Prostephanus truncatus (Coleoptera)
Sinozylon anale (Coleoptera)
Sinozylon conigerum (Coleoptera)
Sirex noctilio (Hymenoptera)
Xylobius parilis (Coleoptera)

Countries of Origin and Insects

- ALGERIA:**
Anuraphis cardui
Ceratitis capitata
Ceutorhynchus erysimi
- ANGOLA:**
Stephanoderes hampei
- ANGUILLA:**
Cylas formicarius elegantulus
Phenacoccus parvus
- ANTIGUA:**
Anastrepha mombinpraeoptans
Asterolecanium miltaris robustum
Euscepes postfasciatus
Pectinophora gossypiella
Vinsonia stelfifera
- ARGENTINA:**
Ceratitis capitata
Epinothia aporema
Phyrdenus divergens
- AUSTRALIA:**
Aspidiotus australiensis
Asterolecanium petrophilae
Glycyphagus domesticus
Lepidosaphes tuberculata
Nezara viridula
- AUSTRALIA (?):**
Aleuroplatus mammaeferus
- AUSTRIA:**
Arion circumscriptus
Deroceras reticulatum
- AZORES:**
Ceratitis capitata
Curculio elephas
Glycyphagus domesticus
Helix aspersa
Laspeyresia splendana
Limax marginatus
Limax maximus
- BAHAMAS:**
Ancylostoma stercorea
Aspidiotus destructor
Chalcodermus aeneus
Cylas formicarius elegantulus
Ips calligraphus
Pectinophora gossypiella
Vinsonia stelfifera
- BARBADOS:**
"Targionia" hartii
- BELGIUM:**
Ceutorhynchus pleurostigma
Deroceras reticulatum
Mamestra brassicae
Phytomyza rufipes
Theba pisana
- BERMUDA:**
Bradybaena similaris
Ceratitis capitata
Deroceras reticulatum
Frankliniella bispinosa
Haplothrips gowdeyi
Iridomyrmex humilis
Pheidole megacephala
Phenacoccus gossypii
Pulvinaria psidii
- BRAZIL:**
Asterolecanium epidendri
Ceratitis capitata
Chrysomphalus personatus
Deroceras reticulatum
Euscepes postfasciatus
Neoleucinodes elegantalis
Parlatoria cinerea
Pseudonidia trilobitiformis
- BRAZIL (?):**
Trogoderma granarium
- BRITISH GUIANA:**
Nasutitermes corniger
Neodryocetes guianae
Neoleucinodes elegantalis
Vinsonia stelfifera
- BRITISH HONDURAS:**
Anastrepha ludens
Anastrepha mombinpraeoptans
Nasutitermes nigricipes
Pheidole megacephala
- Termes panamaensis*
Vinsonia stelfifera
- CANADA:**
Brachyrhinus oratus
Cladius isomerus
Deroceras reticulatum
Endelomyia aethiops
Parthenothrips dracaenae
Pityogenes chalcographus
Reticulitermes flavipes
Rhagoletis basiola
Scolytus multistriatus
Stenotarsonemus laticipes
- CANAL ZONE:**
Chalcodermus aeneus
Cryptophila fasciatus
Deroceras reticulatum
Ferrisia virgata
Furcaspis biformis
Phenacoccus solani
Tenthetocoris distinguendus
Vinsonia stelfifera
- CAPE VERDE ISLANDS:**
Caryedon fuscus (?)
- CENTRAL AMERICA:**
Anastrepha mombinpraeoptans
- CHILE:**
Chelymorpha varians
Conoderus rufangulus
Eulia auraria (?)
Euxoa lutescens
Leptoglossus chilensis
Lisroderes costirostris obliquus
Megalometis chiliensis
Naupactus xanthographus
Neotermes chilensis
Pentalonia nigronervosa
- CHINA:**
Chaetococcus bambusae
Cylas formicarius formicarius
Parlatoria zizyphus
Unaspis yanonensis
- COLOMBIA:**
Anastrepha serpentina
Coccus viridis
Furcaspis biformis
Glycyphagus domesticus
Pagiocerus fiorii
Pentalonia nigronervosa
Platypus rugulosus
- COSTA RICA:**
Anastrepha mombinpraeoptans
Chelysoma variabilis
Deroceras reticulatum
Helix aspersa
Iridomyrmex iniquus
Limax marginatus
Lygaeus pulchellus
Nasutitermes columbicus
Nasutitermes corniger
Pinnaspis buzi
Puto ulter
Stenomoma catenifer
Vinsonia stelfifera
- CUBA:**
Anastrepha mombinpraeoptans
Aspidiotus destructor
Coccus viridis
Cryptotermes brevis
Cryptotermes cavifrons
Cylas formicarius elegantulus
Eucalymnatus tessellatus
Fundella pellucens
Furcaspis biformis
Gynaikothrips ficorum
Mocis latipes
Monomorium destructor
Noropsis hieroglyphica
Platynota rostrana
Pectinophora gossypiella
Protopulvinaria pyrifera
Ribua innoxia
Selenothrips rubrocinctus
"Targionia" hartii
"Targionia" sacchari

Countries of Origin and Insects—Continued

CUBA—Continued

Trogoderma inclusum
Unaspis citri
Vinsonia stellifera

CURACAO:

Pectinophora gossypiella
Sacadoses pyralis

DENMARK:

Cladius pectinicornis
Deroceras reticulatum
Ernobius mollis
Phytomyza rufipes

DOMINICAN REPUBLIC:

Aganactesis idecora
Agrocinotona propinqua
Anastrepha mombinpraeoptans
Ancylostoma stercora
Blissus leucopterus insularis
Brevipalpus phoenicis
Cylas formicarius elegantulus
Pectinophora gossypiella

ECUADOR:

Anastrepha mombinpraeoptans (?)
Brevipalpus oncidii
Epilachna paenulata
Epilachna paenulata var.
Ferrisia virgata
Furcaspiis biformis
Metamasius sericeus
Monomorium destructor
Porphyrobaphe iostoma
Stenoma catenifer

EGYPT:

Anuraphis tulipae
Bruchus lentis
Ceratitis capitata
Gnorimoschema ocellatella
Helhula undalis
Lixus junci

ENGLAND:

Aceria macrochelus
Anuraphis cardui
Anuraphis tulipae
Blastophagus piniperda
Cossus cossus
Curculio elephas
Deroceras reticulatum
Dryocetes villosus
Eriophyes canestrinii
Frankliniella intonsa
Helophorus rugosus
Lampetia equestris
Laspeyresia splendana
Mamestra brassicae
Phytomyza rufipes
Pityogenes chalcographus
Sitona lineata
Taeniothrips atratus
Tetranychus telarius
Thrips flavus
Thrips major

EUROPE (?):

Hemimene juliana

FINLAND:

Pityogenes chalcographus

FORMOSA:

Frankliniella formosae
Glycyphagus domesticus
Parlatoria zizyphus
Trogoderma granarium

FRANCE:

Acidia heraclei (?)
Acrolepia assectella
Asterobemisia carpini
Brithys paneratii
Bruchus luteicornis
Ceratitis capitata
Curculio elephas
Deroceras reticulatum
Ernobius mollis
Gnorimoschema ocellatella
Helix aperta
Laspeyresia splendana
Myzus ascalonicus
Parlatoria zizyphus

Pectinophora gossypiella
Pentatrichopus fragaefolii
Phytomyza rufipes
Porthetria dispar
Psylla buxi (?)
Rhagoletis cerasi
Rhagoletis cingulata

FRENCH EQUATORIAL AFRICA:

Stephanoderes hampei

FRENCH WEST AFRICA:

Dacus ciliatus (?)
Stephanoderes hampei

GERMANY:

Ardis sulcata
Arge ochropa
Ceratitis capitata
Deroceras reticulatum
Dialeurodes chittendeni
Ernobius mollis
Frankliniella intonsa
Hylurgops palliatus
Lecanium corni
Mamestra brassicae
Nemapogon granella
Pentatrichopus tetrarhodus (?)
Phytomyza rufipes
Pityogenes chalcographus
Rhagoletis cerasi
Sirex noctilio
Taeniothrips atratus
Tetranychus telarius
Thrips flavus
Thrips fuscipennis
Thrips major

GIBRALTAR:

Ceratitis capitata (?)

GREECE:

"*Acanthoscelides*" *spinipes*
Ceratitis capitata
Curculio elephas
Dacus oleae
Ectomyelois ceratoniae
Prays oleellus
Rhagoletis cerasi
Sesamia cretica

GUAM:

Dacus dorsalis
Diaphania indica
Pentalonia nigronervosa

GUATEMALA:

Anastrepha ludens
Anastrepha mombinpraeoptans
Anastrepha striata
Deroceras reticulatum
Exptochiomeria oblonga
Farinococcus guatemalensis
Iridomyrmex iniquus
Limax maximus
Pseudischnaspis alienus
Puto ulter
Stenoma catenifer
Vinsonia stellifera

HAITI:

Anastrepha mombinpraeoptans
Ancylostoma stercora
Cylas formicarius elegantulus
Frankliniella bispinosa
Pectinophora gossypiella
Protopulvinaria pyriformis
Vinsonia stellifera

HAWAII:

Adoretus sinicus
Araecerus levipennis
Bradybaena similaris
Caryedon fuscus
Ceratitis capitata
Ceroplastes rubens
Coccotrypes carpophagus
Coccus acutissimus
Coccus viridis
Conotelus mexicanus
Cryptophlebia illepidia
Dacus cucurbitae
Dacus dorsalis
Deroceras reticulatum

Countries of Origin and Insects—Continued

HAWAII—Continued

Dialeurodes kirkaldyi
Diocalandra taitensis
Ectomyelois ceratoniae
Ereunetis flavistriata
Florinia nephelii
Furcaspis biformis
Hyalopeplus pellucidus
Lamellaxis gracilis
Lampides boeticus
Lepidosaphes tokionis
Lepidosaphes tuberculata
Leucaspis cockerelli
Maruca testulalis
Megacerus alternatus
Nysius coenosulus
Orchidophilus aterrimus
Pantomorus godmani
Parlatoria crotonis
Parlatoria pseudaspidiotus
Pealius hibisci
Pectinophora gossypiella
Pentalonia nigronervosa
Pinnaspis buzi
Plusia chalcites
Pseudococcus palmarum
Pseudococcus palmarum oceanicus
Pulvinaria psidii
Sinozylon conigerum
Siphanta acuta
Sternonchetus mangiferae
Taeniothrips hawaiiensis
Teleonemia scrupulosa
Zonitoides arboreus

HONDURAS:

Anastrepha mombinpraeoptans
Cerconota anonella
Galgupha punctifer
Porphyrobaphe iostoma
Tenthecoris bicolor

HONG KONG:

Trogoderma granarium

INDIA:

Ferrisia virgata
Heterobostrychus aequalis
Lyctus africanus
Monomorium destructor
Pulvinaria psidii
Sinozylon anale
Sinozylon conigerum
Sternonchetus mangiferae
Suidasia medianensis
Systole geniculata
Trogoderma granarium

INDONESIA:

Monomorium destructor

IRAN:

Megastigmus pistaciae
Trogoderma parabile

IRAQ:

Ceratitis capitata

IRELAND:

Deroceras reticulatum
Lampetia equestris
Limothrips cerealium
Psylla mali (?)
Rhopalosiphum crataegellum (?)
Thrips flavus
Thrips major
Tyrophagus infestans

ISRAEL:

Bruchophagus ononis (?)
Ceratitis capitata
Cryptoblabes gnidiella
Gnorimoschema ocellatella
Parlatoria cinerea

ITALY:

Aglossa cuprealis
Antispila rivillei (?)
Brachycerus albidentatus
Brachycerus algeris
Brevipalpus inornatus
Bruchophagus coluteae
Bruchus signaticornis
Bruchus tristis

Ceratitis capitata
Ceroplastes ruscii
Cryptoblabes gnidiella
Curculio elephas
Curculio nucum
Dacus oleae
Deroceras reticulatum
Dyspessa ulula
Ectomyelois ceratoniae
Euzophera bigella (?)
Hemimene juliana
Iridomyrmex humilis
Laspeyresia splendana
Megastigmus pistaciae
Parlatoria camelliae
Parlatoria zizyphi
Pieris brassicae
Pyrausta nubilalis
Reticulitermes flavipes
Rhagoletis cerasi
Sesamia cretica
Spanioneura fonscolombei
Sparticus villosus (?)
Tetranychus cinnabarinus
Trialeurodes lauri
Tyrophagus infestans

JAMAICA:

Anastrepha mombinpraeoptans
Anastrepha suspensa
Ancylostoma stercorea
Artipus griseus
Aspidiotus diffinis
Asterolecanium epidendri
Ectomyelois muriscis
Euscapes postfasciatus
Furcaspis biformis
Mimosestes dominicanus
Pachyzancla bipunctalis
Palaeopus costicollis
Protopulvinaria pyriformis
Tenuipalpus pacificus
Vinsonia stellifera

JAPAN:

Aleurotuberculatus aucubae
Aspidiotus degeneratus
Brevipalpus inornatus
Bryobia cristata
Callosobruchus phaseoli
Carposina sasakii
Ceroplastes rubens
Chilo suppressalis
Chrysomphalus bifasciculatus
Coptotermes formosanus
Deroceras reticulatum
Dialeurodes citri
Dichocrocis punctiferalis
Frankliniella formosae
Grapholitha molesta
Ischnodemus saccharivorus
Lampides boeticus
Lepidosaphes tuberculata
Lepidosaphes tubulorum (as defined by Kuwana)
Microcephalothrips abdominalis
Nezara viridula
Nipponaclerda biwakoensis
Parlatoria camelliae
Pentamerismus oregonensis
Phenacoccus azaleae
Pseudococcus comstocki
Pseudococcus pini
Pulvinaria floccifera
Trionymus sacchari
Unaspis citri
Unaspis euonymi
Unaspis yanonenis
Vanessa indica
Xylosandrus germanus

JOST VAN DYKE:

Ancylostoma stercorea
Chalcodermus aeneus
Fundella pellucens

KUWAIT:

Trogoderma granarium

LEBANON:

Bruchus ervi

Countries of Origin and Insects—Continued

LEBANON—Continued

Dacus oleae
Prays oleellus

LIBERIA:

Stephanoderes hampei

LIBIA:

Cryptoblabes gnidiella

MADEIRA ISLANDS:

Ceratitis capitata (?)
Iridomyrmex humilis
Limax marginatus

MEXICO:

Aleurocanthus woglumi
Aleurothrixus floccosus
Alpheias conspurata
Anastrepha ludens
Anastrepha mombinpraeoptans
Anastrepha serpentina
Anastrepha striata
Aspidiotus destructor
Asterolecanium epidendri
Aufeuus impressicollis
Blissus leucopterus
Blissus leucopterus insularis
Cactophagus validirostris
Calligrapha diversa
Capaneus tetricus
Caulophilus latinasus
Cephaloleia atriceps
Chalepus omogeri
Chilo loftini
Chrysomphalus nigropunctatus
Chrysomphalus sphaeroides
Cligenes delineta
Coelonertus nigrirostris
Conotrachelus aquaratae
Cosmopolites sordidus
Cryphula apicalis
Curculio g-griseae
Cylas formicarius elegantulus
Dendrobiella aspera
Deroceras reticulatum
Dialeurodes citri
Diorymerellus laevimargo
Dysdercus mimus
Ectomyelois muriscis
Epicaerus cognatus
Epilachna mexicana
Epinotia aporema
Eutheola bidentata
Eurytoma orchidearum
Everes comyntas
Evergestis rimosalis
Exptochiomera albomaculata
Exptochiomera confusa
Frankliniella occidentalis
Galgapha punctifer
Gnorimoschema gudmannella
Helitipus lauri
Heliothis subflexa
Heterotermes aureus
Homocerosoma electellum
Lepidosaphes carinata
Lepidosaphes philococcus
Leucoptera coffeella
Limax marginatus
Macropygium reticulare
Metriona erratica angularis
Monanthia monotropidia
Moodna bisinuella
Neosteingelia texana
Noropsis hieroglyphica
Ogdocoستا catenulata
Orthezia cacticola
Orthezia pseudinsignis
Paromius longulus
Parlatoria cinerea
Pectinophora gossypiella
Phenacoccus gossypii
Plagioderma semivittata
Plagioderma thymaloides
Platypus rugulosus
Prostephanus truncatus
Puto ulter
Rhopalophora incrustata

Spanogonicus albofasciata
Stenomoma catenifer
Talponia batesi
"Targionia" bromiliae
Tenthecoris angustimarginatus
Tenthecoris bicolor
Tenthecoris confusus
Tetranychus desertorum
Tezananus spatulatus
Thecla ziba
Trialeurodes vaporariorum
Trogoderma parabile
Trogoderma sternale
Unaspis citri
Xylobiops parilis
Xylobiops tezanus

MONTSERRAT:

Monomorium destructor

MOROCCO:

Acrolepia assectella
Bouhelia marocana
Lyctus brunneus
Malacosoma castrensis
Metopoplax dilomoides
Phorodon menthae
Scobicia chevrii
Theba pisana
Trogoxylon impressum

MOZAMBIQUE:

Lampides boeticus

NETHERLANDS:

Adoxophyes orana
Anuraphis tulipae
Deroceras reticulatum
Dialeurodes chittendeni
Gracilaria azaleella
Lecanium corni
Limax marginatus
Masonaphis rhododendri
Periphylus californiensis
Phytomyza rufipes
Psylla buzi
Rhagoletis cerasi
Rhopalosiphoninus tulipaellus
Taeniothrips atratus
Trogoderma parabile

NETHERLANDS GUIANA:

Maruca testulalis

NEW GUINEA:

Nysius vinitor

NICARAGUA:

Aleurocanthus woglumi
Anastrepha mombinpraeoptans
Anastrepha serpentina
Pseudischinaspis bowreyi
Pseudischinaspis longissima
Stenomoma catenifer

NIGERIA:

Leucinodes orbonatis

NORTHERN IRELAND:

Steneotarsonemus laticeps

NORWAY:

Argyresthia conjugella
Pityogenes chalcographus
Trapezonotus arenarius

PAKISTAN:

Trogoderma granarium

PANAMA:

Acanthoscelides armatagei
Anastrepha mombinpraeoptans
Ancylostoma stercora
Aulacaspis mangiferae
Cerconota anonella
Furcaspis biformis
Leucaspis cockerelli
Mecolaemus carvalhoi (?)
Stenomoma catenifer
Vinsonia stellifera

PANAMA (?)

Maruca testulalis

PERU:

Anastrepha fraterculus
Dinoderus bifoveolatus
Mescinia perulla

Countries of Origin and Insects—Continued

PHILIPPINES:

Aspidiotus destructor
Caryedon fuscus
Coccus viridis
Cylas formicarius
Ectomyetis ceratoniae
Ferrisia virgata
Heltila undalis
Pseudococcus lilacinus
Pyrausta nubilalis

PHILIPPINES (?):

Sternochetus mangiferae

POLAND:

Nemapogon granella

PORTUGAL:

Aglossa cuprealis
Anuraphis tulipae
Bruchus luteicornis
Bryobia sarothamni
Curculio elephas
Deroceras reticulatum
Laspeyresia splendana
Opogona subcervinella
Parlatoria camelliae
Rhagoletis cerasi
Taeniothrips ericae
Tetralicia ericae

PUERTO RICO:

Anastrepha mombinpraeoptans
Anastrepha striata
Anastrepha suspensa
Ancylostomia stercorea
Crambus ligonellus
Cylas formicarius elegantulus
Maruca testulalis
Pachyzancla periusalis
Pectinophora gossypiella
Protopulvinaria longivalvata
Vinsonia stellifera

ST. KITTS:

Anastrepha mombinpraeoptans
Ancylostomia stercorea
Fundella pellucens
 "Targionia" sacchari

ST. LUCIA:

Protopulvinaria pyriformis

ST. MARTIN:

Anastrepha mombinpraeoptans

ST. THOMAS:

Caryedon fuscus

ST. VINCENT:

Opogona subcervinella

SALVADOR:

Anastrepha mombinpraeoptans
Anastrepha striata
Leucaspis cockerelli
Stenomoma catenifer
Vinsonia stellifera

SCOTLAND:

Arctothezia cataphracta
Gelechia ericetella
Micrelus ericae
Orthotylus ericetorum
Phytomyza rufipes
Taeniothrips atratus
Taeniothrips ericae
Taeniothrips vulgatissimus
Thrips flavus
Thrips fuscipennis

SIERRA LEONE:

Cylas puncticollis
Heterobostrychus brunneus

SOUTH AMERICA:

Ceratitis capitata

SPAIN:

Acrolepia assectella
Brachycerus algirus
Ceratitis capitata
Chilo suppressalis
Curculio elephas

Dyspessa ulula
Laspeyresia nigricana
Laspeyresia splendana
Pentamerismus coronatus
Rhagoletis cerasi

STRAITS SETTLEMENTS:

Ferrisia virgata
Furcaspis biformis
Trogoderma granarium

SWEDEN:

Ernobius mollis
Hylurgops palliatus
Lecanium corni
Pityogenes chalcographus
Zophodia convolutella (?)

SWITZERLAND:

Adelphocoris seticornis
Hypera nigrirostris
Sparteus villosus

SYRIA:

Pectinophora gossypiella

TAHITI:

Aspidiotus destructor
Dialeurodes kirkaldyi
Morganella longispina

THAILAND:

Cylas formicarius ssp.
Parlatoria zizyphus

TORTOLA:

Anastrepha mombinpraeoptans
Ancylostomia stercorea
Euscepes postfasciatus

TRINIDAD:

Anastrepha mombinpraeoptans
Ancylostomia stercorea
Callosobruchus phaseoli
Furcaspis biformis
Maruca testulalis
Talponia batesi
Vinsonia stellifera

TRIPOLI:

Theba pisana

UNION OF SOUTH AFRICA:

Carbula litigatrix
Ceratitis capitata
Cletus caffer
Cletus ochraceus
Epichorista ionephela
Iridomyrmex humilis
Ischnodemus diplopterus
Nezara viridula
Phlyctinus callosus

UNKNOWN:

Anastrepha mombinpraeoptans
Argina cribraria
Arion circumscriptus
Ceratitis capitata
Metamasius sericeus
Pachnaeus litus
Parlatoria cinerea
Parlatoria zizyphus
Perigea illecta
Portheiria dispar
Rhagoletis cerasi

VENEZUELA:

Anastrepha mombinpraeoptans (?)
Bephrata maculicollis
Maruca testulalis
Pachnaeus litus
Platynota rostrana
Stenomoma catenifer
Theba pisana
Unaspis citri
Zenadiatraea lineolata

WEST PACIFIC:

Leptocorixa acuta
Tiracola plagiata

YUGOSLAVIA:

Pyrausta nubilalis

Pests collected and reported from July 1, 1956, through June 30, 1957

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Alternaria citri</i> Ell. & Pierce:					
<i>Citrus sinensis</i> (orange).....	Spain.....		1		P. R.
† <i>Alternaria dauci</i> (Kuehn) Groves & Skolko:					
<i>Coriandrum sativum</i> (coriander).....	Puerto Rico.....	1			P. R.
<i>Alternaria dianthi</i> F. L. Stevens & J. G. Hall:					
<i>Dianthus caryophyllus</i> (carnation).....	Mexico.....	1			Tex.
† <i>Alternaria dianthicola</i> Neerg.:.....					
<i>Dianthus caryophyllus</i> (carnation).....	Germany, Palestine.....	2			Mass., Pa.
† <i>Aphelenchioides bicaudatus</i> Imamura:					
Soil around violet roots.....	Costa Rica.....			1	Fla.
† <i>Aphelenchioides coffea</i> Goodey:					
Soil around roots of bloodleaf plant.....	do.....			1	Fla.
† <i>Aphelenchioides huntii</i> Steiner:					
Soil with carnation plants.....	Azores.....			1	Mass.
† <i>Ascochyta pisi</i> Lib.:					
<i>Glycine max</i> (soybean).....	Japan.....		1		Pa.
† <i>Asterosporium hoffmanni</i> Kunze:					
<i>Betula medwediewi</i>	France.....			1	D. C.
<i>Camarosporium orchidicola</i> Cash & Watson:					
Orchid.....	Guatemala.....			1	Tex.
<i>Ceratocystis radicola</i> (Bliss) Moreau:					
<i>Cocos nucifera</i> (coconut).....	Mexico.....	1			Calif.*
† <i>Cercospora apii</i> Pres.:.....					
<i>Eryngium foetidum</i>	Puerto Rico.....	3			P. R.
† <i>Cercospora coffeicola</i> Berk. & Cke.:.....					
<i>Coffea</i> sp. (coffee).....	Dominican Republic.....	1			Fla.*
† <i>Cercospora handelii</i> Bub.:.....					
<i>Rhododendron</i> sp.....	England.....			1	N. J.
<i>Cercospora mangiferae</i> Koord.:.....					
<i>Mangifera indica</i> (mango).....	Mexico.....	1			Tex.
† <i>Cercospora musae</i> Zimm.:.....					
<i>Musa</i> sp.....	Marquesas Islands.....	1			Calif.*
† <i>Cercospora panacis</i> Thirum. & Chupp (?):.....					
<i>Nothopanax</i> sp.....	Australia.....		1		Hawaii.
<i>Cercospora purpurea</i> Cke.:.....					
<i>Persea americana</i> (avocado).....	Mexico.....	2			Tex.
<i>Cerebella andropogonis</i> Ces.:.....					
<i>Paspalum dilatatum</i> (Dallis grass).....	Australia.....			1	S. C.
† <i>Chlamydomyces palmarum</i> (Cke.) Mason:					
<i>Araucaria excelsa</i> (Norfolk-Island-pine).....	Norfolk Island.....			1	Calif.*
<i>Chrysomya ledi</i> d By. var. <i>rhododendri</i> (d By.) Savile:					
<i>Rhododendron ferrugineum</i> (rock rhododendron).....	Switzerland.....	27		3	N. J., N. Y.
<i>Rhododendron hirsutum</i> (garland rhododendron).....	Germany, Switzerland.....	1	1		N. J., Pa.
<i>Rhododendron</i> sp.....	Austria, Germany, Switzerland.....		9	3	Calif.*, Mich., N. J., N. Y.
† <i>Cladosporium fasciculare</i> Fr. (?):.....					
<i>Allium porrum</i> (leek).....	Germany.....		1		Calif.*
<i>Coleosporium bletiae</i> Diet.:.....					
<i>Calanthe alismaeifolia</i>	India.....			1	N. J.
<i>Coleosporium dahliae</i> Arth.:.....					
<i>Dahlia</i> sp.....	Mexico.....	1			Tex.
<i>Coleosporium solidaginis</i> (Schw.) Thuem.:.....					
<i>Aster</i> sp.....	Japan.....		1		Wash.
<i>Pinus resinosa</i> (red pine).....	Canada.....			1	N. Y.
<i>Colletotrichum agaves</i> Cav.:.....					
<i>Agave</i> sp.....	Italy, Mexico.....			2	Ariz., N. J.
† <i>Colletotrichum arecae</i> Syd.:.....					
<i>Areca cathecu</i> (betel palm).....	Philippines.....	1			Hawaii.
<i>Colletotrichum cajani</i> Rangel:					
<i>Cajanus cajan</i> (pigeonpea).....	Puerto Rico, St. Kitts.....	2			P. R.
<i>Colletotrichum capsici</i> (Syd.) Btlr. & Bisby:					
<i>Capsicum frutescens</i> (pepper).....	Mexico, Puerto Rico.....	2			P. R., Tex.

See footnotes at end of table.

Pests collected and reported from July 1, 1956, through June 30, 1957—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Colletotrichum cliviae</i> (Oud.) Petr.: <i>Clivia</i> sp.-----	Belgium-----			1	N. J.
† <i>Colletotrichum coffeanum</i> Noack: <i>Gardenia augusta</i> (gardenia)-----	Mexico-----	1			Tex.
<i>Colletotrichum philodendri</i> P. Henn.: <i>Philodendron cordatum</i> -----	†Germany-----			1	N. J.
<i>Philodendron</i> sp.-----	Mexico-----			2	Ariz.
† <i>Colletotrichum trichellum</i> Duke: <i>Hedera helix</i> (English ivy)-----	Italy-----		1		Pa.
<i>Colletotrichum zingiberis</i> Butl. & Bisby: <i>Zingiber officinale</i> (ginger)-----	China-----	1			Calif.*
† <i>Coniothecium glumarum</i> Sacc.: <i>Dactylis glomerata</i> -----	Netherlands-----			1	D. C.
<i>Coniothyrium cytisellum</i> (Pass. & Thuem.) Sacc.: <i>Laburnum watereri</i> -----	do-----			3	N. J.
† <i>Coniothyrium genistae</i> (Roum.) Bub. & Vogl.: <i>Genista</i> sp.-----	Portugal-----			1	D. C.
† <i>Coniothyrium leguminum</i> (Rab.) Sacc.: <i>Cytisus</i> sp.-----	do-----			1	D. C.
† <i>Corynespora cassicola</i> (Berk. & Curt.) Wei: Palm-----	Mexico-----	2			Tex.
<i>Coryneum carpophilum</i> (Lev.) Jauch.: <i>Prunus amygdalus</i> (almond)-----	Italy-----			1	Mass.
<i>Prunus armeniaca</i> (apricot)-----	France, unknown-----	1	2		Mass., N. Y.
† <i>Coryneum microstictoides</i> Sacc. & Penz.: <i>Paeonia</i> sp. ('peony')-----	Netherlands-----			1	N. J.
† <i>Coryneum microstictum</i> Berk. & Br.: <i>Rubus</i> sp.-----	Morocco-----		1		Pa.
† <i>Criconeoides mutabile</i> Taylor: Palm-----	Mexico-----			1	Tex.
† <i>Criconeoides renoplar</i> Raski: Soil with an unknown tree-----	Japan-----			1	N. Y.
† <i>Cronartium quercuum</i> (Berk.) Shirai: <i>Quercus emoryi</i> (emory oak)-----	Mexico-----	1			Ariz.
† <i>Cryptosphaeria eunomia</i> (Fr.) Grev. (?): Twig—unknown-----	do-----	1			Ariz.
<i>Cryptospora longispora</i> Servazzi: <i>Araucaria excelsa</i> (Norfolk-Island-pine)-----	Australia, Norfolk Island-----			8	Calif.* Fla.
<i>Cumminsella mirabilissima</i> (Pk.) Nannf.: <i>Mahonia aquifolium</i> Darkpurple-----	Netherlands-----			1	D. C.
<i>Mahonia aquifolium</i> Vicar-----	do-----			1	D. C.
<i>Mahonia</i> sp.-----	Norway-----	1			N. Y.
<i>Cylindrosporium chrysanthemi</i> Ell. & Dearn.: <i>Chrysanthemum</i> sp.-----	Japan-----			1	D. C.
<i>Cytospora ambiens</i> Sacc.: <i>Acer platanoides</i> (Norway maple)-----	England-----			1	N. J.
<i>Cytospora sacchari</i> Butl.: <i>Saccharum officinarum</i> (sugarcane)-----	Mexico-----	1			Tex.
<i>Diaporthe eres</i> Nits.: <i>Araucaria excelsa</i> (Norfolk-Island-pine)-----	†Norfolk Island-----			1	Calif.*
<i>Chaenomeles</i> sp.-----	Netherlands-----			1	N. J.
<i>Ginkgo biloba</i> (ginkgo)-----	France-----			1	N. J.
<i>Rosa</i> sp.-----	†Northern Ireland-----			1	Wash.
† <i>Didymella ornithogali</i> Jacques: <i>Ornithogalum thyrsoides</i> (chinkerichiee)-----	Union of South Africa-----	1			N. Y.
<i>Diplodia taxi</i> (Fr.) de N.: <i>Taxus cuspidata</i> (Japanese yew)-----	Japan-----			1	Wash.
<i>Diplodina eurhododendri</i> Voss: <i>Rhododendron laetevirens</i> -----	Netherlands-----			1	N. J.
<i>Discosia artocreas</i> Fr.: <i>Camellia japonica</i> (camellia)-----	Japan-----			2	Calif.*
<i>Camellia reticulata</i> -----	do-----			2	Calif.*
<i>Camellia</i> sp.-----	do-----			1	Calif.*
<i>Ditylenchus dipsaci</i> (Kuhn) Filip.: <i>Allium sativum</i> (garlic)-----	Italy, Mexico, Spain-----	7			Ariz., Mass., P. R., Tex.
<i>Narcissus</i> sp.-----	England-----			1	N. J.

See footnotes at end of table.

Pests collected and reported from July 1, 1956, through June 30, 1957—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
† <i>Echidnodes bromeliacearum</i> (Rehm) Th. & Syd.: <i>Bromeliad</i>	Mexico.....	-----	-----	1	Tex.
<i>Elsinoe australis</i> Bitanc. & Jenkins: <i>Citrus aurantifolia</i> (sweet lime).....	Brazil.....	-----	1	-----	La.
<i>Citrus limon</i> (lemon).....	Argentina, Brazil.....	-----	16	-----	Calif.*
<i>Citrus paradisi</i> (grapefruit).....	do.....	-----	3	-----	Ala., N. Y.
<i>Citrus sinensis</i> (orange).....	do.....	-----	39	-----	Ala., Calif.*, La., Md., Mass., N. Y., Pa., Tex.
<i>Elsinoe mangiferae</i> Bitanc. & Jenkins: <i>Mangifera indica</i> (mango).....	†Brazil, †Cuba, Mexico.....	3	-----	-----	N. Y., P. R. Tex.
<i>Elsinoe phaseoli</i> Jenkins: <i>Phaseolus lunatus</i> (civet bean).....	Puerto Rico.....	1	-----	-----	P. R.
<i>Phaseolus lunatus macrocarpus</i> (lima bean).....	do.....	1	-----	-----	Ill.
<i>Epicoccum cocos</i> F. L. Stevens: <i>Cocos nucifera</i> (coconut).....	Wake Island(?).....	1	-----	-----	Hawaii.
<i>Erwinia citrimaculans</i> (Doidge) Magrou: <i>Citrus limon</i> (lemon).....	Italy.....	-----	1	-----	Wash.
<i>Exobasidium vaccinii</i> (Fekl.) Wor.: <i>Rhododendron indicum</i>	Belgium.....	-----	-----	1	N. J.
† <i>Fusarium oxysporum</i> Schlecht. f. <i>batatas</i> (Wr.) Snyd. & Hans.: <i>Ipomoea batatas</i> (sweetpotato).....	Argentina.....	-----	1	-----	Tex.
<i>Fusarium oxysporum</i> Schlecht. f. <i>gladioli</i> (Massey) Snyd. & Hans.: <i>Gladiolus</i> sp.....	Mexico, Netherlands.....	1	-----	3	Ariz., Calif.*, Tex.
† <i>Fusarium oxysporum</i> Schlecht. f. <i>narcissi</i> (Cke. & Mass.) Snyd. & Hans.(?): <i>Galanthus</i> sp.....	Turkey.....	-----	-----	1	N. Y.
<i>Fusarium solani</i> (Mart.) Appel & Wr.: <i>Schomburgkia</i> sp. (orchid).....	Mexico.....	-----	-----	1	Tex.
<i>Fusicladium pyracanthae</i> (Otth.) Rostr.: <i>Pyracantha coccinea</i>	Netherlands.....	-----	-----	1	N. J.
<i>Pyracantha</i> sp.....	do.....	-----	-----	1	N. J.
<i>Fusicoccum galericulatum</i> (Tul.) Sacc.: <i>Fagus sylvatica riversii</i>	do.....	-----	-----	1	N. J.
† <i>Gloeosporium album</i> Osterw.: <i>Malus sylvestris</i> (apple).....	Australia, Germany, Italy, Netherlands.....	-----	5	-----	Pa.
<i>Gloeosporium rhododendri</i> Briosi & Cav.: <i>Rhododendron lapponicum</i>	Netherlands.....	-----	-----	1	N. J.
<i>Rhododendron</i> sp.....	do.....	-----	-----	2	N. J.
<i>Gymnosporangium haraeum</i> Syd.: <i>Juniperus chinensis</i> (Chinese juniper).....	Japan.....	-----	-----	1	Calif.*
<i>Juniperus</i> sp.....	do.....	-----	-----	1	Calif.*
† <i>Gymnosporangium juniperi</i> Lk.: <i>Sorbus aucuparia</i> (European mountain-ash).....	Norway.....	1	-----	-----	N. Y.
† <i>Helicotylenchus erythrinae</i> (Zimmermann) Golden: Soil with amaryllis bulbs.....	Portugal.....	-----	-----	1	Mass.
Soil with dahlia roots.....	Scotland.....	-----	-----	1	Mass.
Soil with gladiolus corms and lily bulbs.....	Italy.....	-----	-----	1	Mass.
Soil with olive and citrus trees.....	do.....	-----	-----	1	N. Y.
Soil with unknown plants.....	Canada.....	-----	-----	1	Mass.
‡ <i>Helicotylenchus multicinctus</i> (Cobb) Golden: <i>Altium porrum</i> (leek).....	Australia.....	-----	1	-----	Mass.
Fern.....	Mexico.....	-----	-----	1	Tex.
Soil with bloodleaf plant.....	Costa Rica.....	-----	-----	1	Fla.*
<i>Helicotylenchus nanmus</i> Steiner: <i>Altium porrum</i> (leek).....	†Australia.....	-----	1	-----	Mass.
<i>Begonia</i> sp.....	Mexico.....	-----	-----	1	Tex.
<i>Begonia</i> , <i>fuchsia</i> , and unknown cuttings.....	†Greece.....	-----	-----	1	Mass.
<i>Colocasia esculenta</i> (dasheen).....	†Azores.....	1	-----	-----	Mass.
<i>Phalaris</i> sp.....	†Union of South Africa.....	-----	-----	1	La.
<i>Philodendron</i> sp.....	Mexico.....	-----	-----	2	Ariz., Tex.

See footnotes at end of table.

Pests collected and reported from July 1, 1956, through June 30, 1957—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Helicotylenchus nannus</i> Steiner:—Continued					
Soil with begonia and crassulaceous plants	Azores			1	Mass.
Soil with heather	†Scotland			1	Mass.
Soil with mint plants	†Cuba			1	Fla.*
Soil with rhododendron plants	Scotland			1	Mass.
Soil with sansevieria plants	†Haiti			1	Fla.*
Soil with an unknown seedling	Mexico			1	Ariz.
Soil with an unknown plant	†Jamaica			1	Fla.*
Soil with succulent plant	Mexico			1	Ariz.
<i>Helminthosporium torulosum</i> (Syd.) Ashby:					
<i>Musa paradisiaca</i> (plantain)	Dominican Republic	1			P. R.
<i>Hendersonia agaves</i> Maubl.:					
<i>Agave</i> sp.	Mexico	1			Ariz.
<i>Hendersonia citri</i> McAlp.:					
<i>Citrus aurantifolia</i> (sweet lime)	do			1	Tex.
† <i>Hendersonia foliorum</i> Fekl. var. <i>viburni</i> Sacc.:					
<i>Viburnum rhytidophyllum</i>	Netherlands			1	Wash.
<i>Hendersonia opuntiae</i> Ell. & Ev.:					
Cactus	Mexico			1	Ariz.
† <i>Hendersonia piriformis</i> Oth. (?):					
<i>Fagus sylvatica</i> Purple	Netherlands			1	N. J.
<i>Hendersonia yuccae</i> Kickx:					
<i>Yucca</i> sp.	Mexico			1	Ariz.
<i>Heterodera cacti</i> Filip. & Schurr. Stek.:					
Soil	Mexico	4			Ariz., Tex.
Soil with begonia plants	do	1		4	Tex.
Soil with <i>Bryophyllum</i> sp. plants	do			1	Tex.
Soil with unknown bulbs	do			1	Ariz.
Soil with cacti plants	Germany, Italy, Mexico, †New Zealand.			22	Ill., N. Y., Tex.
Soil with cactus plant and geranium cutting	Mexico			1	Tex.
Soil with cactus-type plant and <i>Crassula argentea</i>	France			1	N. Y.
Soil with chrysanthemum plants	Mexico			1	Tex.
Soil with citrus seedlings	do			1	Ariz.
Soil with coleus plants	do			1	Ariz.
Soil with coleus and geranium cuttings	do	1			Tex.
Soil with dahlia roots	do			1	Ariz.
Soil with fern plants	do	1		2	Tex.
Soil with potted flower	do			1	Tex.
Soil with gardenia plant	do	1			Tex.
Soil with gardenia and succulent plants	do			1	Tex.
Soil with garlic	do	1			N. Y.
Soil with ice plant	do	1			Tex.
Soil with laurel plant	do			1	Tex.
Soil with medicinal herb	do	1			Ariz.
Soil with <i>Mesembryanthemum</i> sp. plant	do			1	Tex.
Soil with mint plants	do			3	Tex.
Soil with onions in railway car	do		1		Tex.
Soil with palm	do	1			Tex.
Soil with philodendron plants	do			1	Tex.
Soil with <i>Pilea</i> sp., narcissus, and succulent plants	do			1	Tex.
Soil with portulaca plants	do	3		2	Tex.
Soil with potatoes	do		11		Calif., Tex.
Soil with "queen's wreath" plants	do	2			Tex.
Soil from railway car sweepings	do		3		Tex.
Soil with rue plants	do	1		2	Tex.
Soil with selaginella plants	do			1	Tex.
Soil with stonecrop plants	France, Italy			2	N. Y.
Soil with succulent plants	Mexico			3	Tex.
Soil with unknown plants	do	6		23	Ariz., Tex.
† <i>Heterodera carotae</i> Jones (?):					
Soil with carrots	Germany		1		Fla.*
<i>Heterodera major</i> (O. Schmidt) Franklin:					
Soil with automobile	France	1			N. Y.
Soil with bagging	England, France, Italy, Netherlands, Scotland.	8			N. Y.

See footnotes at end of table.

Pests collected and reported from July 1, 1956, through June 30, 1957—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Heterodera major</i> (O. Schmidt) Franklin:—Con.					
Soil with bleeding heart and mimosa plants	England			1	N. Y.
Soil with chrysanthemum and geranium plants	France			1	N. Y.
Soil with <i>Cymbalaria</i> sp. plant	Ireland			1	N. Y.
Soil with garlic bulbs	Spain	1			N. Y.
Soil with geranium plants	England		1		N. Y.
Soil with horseradish	Denmark	1			N. Y.
Soil with hydrangea	England			1	N. Y.
Soil with jute bagging	Sweden	1			N. Y.
Soil with leeks	France		1		N. Y.
Soil with lily bulbs	do.			1	N. Y.
Soil with lily-of-the-valley pips	Germany			1	N. Y.
Soil with military surplus axles etc.	Belgium	1			N. Y.
Soil with potted plants	Italy			1	N. Y.
Soil with potatoes	Denmark, England		3		Fla., La., Va.
Soil with shallots	Netherlands	1			N. Y.
<i>Heterodera punctata</i> Thorne:					
Soil	Belgium, Germany, Iceland, Ireland, Mexico.	6			N. Y., Pa., Tex., Va.
Soil with automobiles	England, Germany, Iceland, unknown.	17			Ala., Mass., N. Y., Tex., Va.
Soil with bagging	Scotland	1			N. Y.
Soil with carnation plants	England			1	N. Y.
Soil with carnation and primrose plants and tuberose bulbs	do.			1	Mass.
Soil with chrysanthemum plants	do.			2	Mass., N. Y.
Soil with coleus plants	Norway			1	N. Y.
Soil with cyclamen plants	England			1	N. Y.
Soil with fig plants	Italy			1	N. Y.
Soil with geranium plants	England			1	N. Y.
Soil with jasmine plants	Italy			1	N. Y.
Soil with <i>Nepeta heteracea</i> plants	England			1	N. Y.
Soil with oak timber	do.	1			Mass.
Soil with potatoes	Mexico, Netherlands		4		Tex., Va.
Soil with primula, stonecrop, viburnum, & etc. plants	England			1	N. Y.
Soil with unidentified plants	England, Germany, Mexico.			3	N. Y., Tex.
<i>Heterodera rostochiensis</i> Wr.:					
Soil	Iceland	1			Va.
Soil with amaryllis, euonymus, and oxalis plants	Ireland			1	Mass.
Soil with asparagus fern	do.			1	N. Y.
Soil with automobiles	England, Europe, Germany.	7			Mass., N. Y.
Soil with bagging	England, Netherlands, Scotland.	15			Md., N. Y.
Soil with beets	Belgium		1		La.
Soil with blackberry plants	Scotland			1	N. Y.
Soil on boots	Ireland	1			Mass.
Soil with miscellaneous bulbs	England			1	N. Y.
Soil with carnation plants	do.	1		1	N. Y.
Soil with carrots	England, Germany		2		Fla., La.
Soil with chrysanthemum plants	England			2	N. Y.
Soil with dahlia roots	England, Ireland				Ill., N. Y.
Soil with daisy plants	England			1	N. Y.
Soil with delphinium plants	do.			1	N. Y.
Soil with gardenia and a succulent plant	Mexico.			1	Tex.
Soil with garlic	Argentina	5			N. Y.
Soil with geranium plants	Ireland			1	Mass.
Soil with gladiolus corms	Netherlands			1	N. Y.
Soil with heath plants	England			1	N. Y.
Soil with heather plants	Scotland			5	Mass., N. Y.
Soil with hibiscus and orchid plants	Mexico			1	Tex.
Soil with hyacinth plant	Germany			1	N. Y.

See footnotes at end of table.

Pests collected and reported from July 1, 1956, through June 30, 1957—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Heterodera rostochiensis</i> Wr.:—Continued					
Soil with hydrangea plant	England			1	N. Y.
Soil with ivy plant	Ireland			1	N. Y.
Soil with jute bags	Scotland	1			N. Y.
Soil with laurel plant	Ireland			1	N. Y.
Soil with lily bulbs, carnation, peony, and rose plants	Germany			1	N. Y.
Soil with lily-of-the-valley, hyacinth, lily, and tulip plants	England			1	Mass.
Soil with myrtle plant	Germany			1	N. Y.
Soil with <i>Nepeta hederacea</i> plants	England			1	N. Y.
Soil with potatoes	†Ecuador, England, Greece, Peru, Scotland.		5	1	La., Mass., Pa.
Soil with potatoes with heather	Scotland	3			N. Y.
Soil with shamrock plants	England, Ireland	1		1	Ill., N. Y.
Soil with strawberry plants	Ireland			1	N. Y.
Soil with succulent plants	Mexico			1	Tex.
Soil with unidentified plants	England, Germany, Mexico.	1		6	N. Y., Tex.
Soil with violet plants	Germany			1	Ill.
Soil with wallflower plants	Scotland			1	N. Y.
† <i>Heterodera schachtii</i> Schmidt:					
Soil with potatoes	Spain, Sweden		2		Calif.*
<i>Heterosporium allii</i> Ell. & Martin:					
<i>Allium porrum</i> (leek)	Germany		1		Calif.*
† <i>Heterosporium echinulatum</i> (Berk.) Cke.:					
<i>Dianthus caryophyllus</i> (carnation)	Colombia	1			Fla.*
† <i>Heterosporium iridis</i> (Fautr. & Roum.) Jacques:					
<i>Iris</i> sp.	Canada			1	Mich.
† <i>Hypocrella sloaneae</i> Pat.:					
<i>Chamaedorea oblongata</i>	Mexico	1			Tex.
<i>Chamaedorea</i> sp.	do	2			Tex.
"Leprosis":					
<i>Citrus limon</i> (lemon)	†Peru		1		Mass.
<i>Citrus sinensis</i> (orange)	Mexico	6			Ariz., Tex.
† <i>Leptosphaeria culmifraga</i> (Fr.) Ces. & de N.:					
<i>Oryza sativa</i> (rice)	Japan	1			Hawaii.
<i>Leptosphaeria niessleana</i> Rab.:					
Orchid	Mexico			1	Ariz.
<i>Leptosphaeria sacchari</i> B. de Haan:					
<i>Saccharum officinarum</i> (sugarcane)	do	1			Tex.
† <i>Leptosphaeria salvinii</i> Catt.:					
<i>Oryza sativa</i> (rice)	Thailand	1			N. Y.
† <i>Lophodermium arundinaceum</i> (Fr.) Chev.:					
<i>Phragmites</i> sp.	Czechoslovakia	1			Ill.
<i>Macrophoma araucariae</i> De Lac:					
<i>Araucaria excelsa</i> (Norfolk-Island-pine)	Australia, †Germany, Norfolk Island.			6	Calif.*
† <i>Macrophoma cocos</i> Pass.:					
<i>Cocos nucifera</i> (coconut)	Mexico	2	1		Calif.*
† <i>Macrophoma musae</i> (Cke.) Berl. & Vogl.:					
<i>Musa</i> spp.	Tahiti	1			Calif.*
<i>Macrophoma oleae</i> (DC.) Berl. & Vogl.:					
<i>Olea europaea</i> (olive)	Italy	1			Mich.
† <i>Mainia variabilis</i> (Mayor) Jacks. & Holw.:					
<i>Rubus</i> sp.	Colombia			1	D. C.
<i>Marssonina juglandis</i> (Lib.) Magn.:					
<i>Juglans</i> sp. (walnut)	Italy	1			Mass.
† <i>Marssonina populi</i> (Lib.) Magn.:					
<i>Populus</i> sp. (poplar)	Mexico			1	Tex.
† <i>Melampsora populnea</i> (Pers.) Karst.:					
<i>Populus tremula</i> (European aspen)	Germany	1			Pa.
<i>Melanospora zamiae</i> Cda.:					
<i>Zingiber officinale</i> (ginger)	China, Japan	2			Calif.*
† <i>Meliola acerata</i> Ell. & Ev.:					
<i>Physalis peruviana</i> (Peruvian groundcherry)	Hawaii	1			Hawaii.

See footnotes at end of table.

Pests collected and reported from July 1, 1956, through June 30, 1957—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Meliola citricola</i> Syd.:					
<i>Citrus grandis</i>	Thailand.....		1		Calif. *
<i>Citrus limon</i> (lemon).....	†Australia.....	1			Calif. *
<i>Citrus reticulata</i> (Mandarin orange).....	Japan.....	1			Hawaii.
<i>Meloidogyne arenaria</i> (Neal) Chitwood:					
<i>Caladium candidum</i>	Guatemala.....			2	N. J.
<i>Caladium</i> sp.....	†Dominican Republic.....			1	P. R.
<i>Dahlia</i> sp.....	Japan.....			1	Wash.
<i>Rauwolfia serpentina</i>	†Thailand.....			1	D. C.
<i>Solanum tuberosum</i> (potato).....	Chile, †Ecuador, †Peru.....		4		La., Pa.
† <i>Meloidogyne arenaria</i> (Neal) Chitwood <i>thaemsi</i> Chitwood:					
<i>Gladiolus</i> sp.....	Japan.....			1	N. Y.
<i>Meloidogyne hapla</i> Chitwood:					
<i>Calamintha grandiflora</i>	†England.....			1	N. J.
<i>Chrysanthemum maximum</i> (Pyrenees chrysanthemum).	do.....			1	N. J.
<i>Clematis</i> sp.....	Netherlands.....			2	
<i>Dahlia</i> sp.....	†Australia.....			1	Calif. *
<i>Excoecaria crenulata</i>	Japan.....			1	D. C.
<i>Iris kaempferi</i> (Japanese iris).....	do.....			1	N. J.
<i>Ornithogalum</i> sp.....	†Union of South Africa.....			1	N. Y.
<i>Paeonia suffruticosa</i> (tree peony).....	Japan.....			1	Calif. *
<i>Rosa</i> sp. (rose).....	Germany.....			1	N. J.
<i>Solanum tuberosum</i> (potato).....	†Belgium.....		1		N. Y.
<i>Viburnum odoratissimum</i>	Japan.....			1	D. C.
<i>Viola eizanensis</i>	do.....			1	Wash.
<i>Meloidogyne incognita</i> (Kofoid & White) Chitwood:					
<i>Aloe</i> sp.....	Jamaica.....			1	Fla. *
<i>Calla</i> spp.....	Japan.....			1	N. J.
<i>Dioscorea discolor</i> (whiteband yam).....	Canada.....			1	N. J.
<i>Gardenia augusta</i> (gardenia).....	†Germany.....			1	N. J.
<i>Monstera</i> sp.....	Mexico.....			1	Ariz.
<i>Rhynchosia pyramidalis</i>	†Dominican Republic.....	1			Fla.
<i>Sansevieria</i> spp.....	†Union of South Africa.....			1	D. C.
Soil around violet roots.....	Costa Rica.....			1	Fla. *
<i>Solanum tuberosum</i> (potato).....	†Chile.....		1		Pa.
<i>Meloidogyne incognita</i> (Kofoid & White) Chitwood <i>arritia</i> Chitwood:					
<i>Allium porrum</i> (leek).....	†French West Africa.....		1		Mass.
<i>Calathea</i> sp.....	†Canal Zone.....			1	Calif. *
<i>Canna</i> sp.....	Mexico.....			1	Ariz.
<i>Hibiscus</i> sp.....	†Bahamas.....			1	Fla.
<i>Lilium</i> sp. (lily).....	Mexico.....			1	Tex.
<i>Polygala paniculata</i>	†Martinique.....	1			P. R.
Soil with unidentified plants.....	†Costa Rica.....			1	Tex.
Soil with succulent plants.....	Mexico.....			1	Tex.
<i>Solanum tuberosum</i> (potato).....	Brazil.....		2		Pa., Va.
<i>Wilkesia gymnoxiphium</i>	†France.....			1	D. C.
<i>Meloidogyne javanica</i> (Treub.) Chitwood:					
<i>Asparagus myriocladus</i>	Japan.....			1	Calif. *
Bulb—unknown.....	Mexico.....			1	Ariz.
<i>Caladium</i> sp.....	†Dominican Republic.....			1	P. R.
<i>Freesia</i> sp.....	Italy.....			1	N. Y.
<i>Gerbera</i> sp.....	†India.....			1	N. J.
<i>Hedychium coronarium</i> (gingerlily).....	†Hawaii.....			1	Hawaii.
<i>Kaempferia rotunda</i>	India.....			2	Calif. *
<i>Ornithogalum</i> sp.....	Union of South Africa.....			2	N. Y.
Plants—unidentified.....	Mexico.....			2	Ariz., Tex.
<i>Polianthes tuberosa</i> (tuberose).....	India.....			1	N. Y.
<i>Polianthes</i> sp.....	do.....			1	N. J.
<i>Rauwolfia sumatrana</i>	†Thailand.....			1	D. C.
<i>Solanum tuberosum</i> (potato).....	†Brazil.....		2		Mass., Va.
<i>Tecoma</i> spp.....	do.....			1	N. J.
<i>Thunbergia mysorensis</i>	†Jamaica.....			1	Fla.
<i>Xanthosoma</i> sp. (malanga).....	†Cuba.....		1		La.
<i>Zantedeschia aethiopica</i> (calla lily).....	Japan.....			2	Calif. *
Zingiberaceae.....	†Hong Kong.....			1	N. J.

See footnotes at end of table.

Pests collected and reported from July 1, 1956, through June 30, 1957—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagatation	
<i>Microdiplodia agaves</i> (Niessl.) Petr.:					
<i>Agave</i> sp.-----	Mexico-----	1			Ariz.
† <i>Monilinia fructicola</i> (Wint.) Honey:					
<i>Malus sylvestris</i> (apple)-----	Denmark-----		1		Calif.*
<i>Monilinia fructigena</i> (Aderh. & Ruhl.) Honey:					
<i>Malus sylvestris</i> (apple)-----	England-----	1	1		Pa.
<i>Pyrus communis</i> (pear)-----	Netherlands-----		1		Pa.
<i>Monilinia laxa</i> (Aderh. & Ruhl.) Honey:					
<i>Prunus domestica</i> (plum)-----	†Belgium-----		1		Pa.
<i>Sorbus decora</i> nana-----	England-----			1	N. J.
† <i>Monochaetia paeoniae</i> (Maubl.) Sacc. & D. Sacc.:					
<i>Paeonia</i> sp. (peony)-----	Netherlands-----			1	N. J.
<i>Mycosphaerella cattleiae</i> Cash & Watson:					
<i>Epidendrum</i> sp. (orchid)-----	†Ecuador-----			1	Fla.
Orchid-----	Costa Rica, †New Guinea-----			2	Calif.*, P. R.
<i>Mycosphaerella fragariae</i> (Tul.) Lindau:					
<i>Fragaria</i> sp. (strawberry)-----	Germany, Italy-----			2	Ill., Mass.
<i>Mycosphaerella schoenoprasii</i> (Ces. & de N.) Schroet.:					
<i>Allium cepa</i> (onion)-----	Japan-----		1		Hawaii.
<i>Allium fistulosum</i> (Welsh onion)-----	do-----		13		Pa.
<i>Allium</i> sp.-----	do-----		1		Calif.*
† <i>Myiocypron orchidearum</i> (Mont.) Sacc.:					
<i>Cymbidium</i> sp. (orchid)-----	New Guinea-----			1	Calif.*
<i>Impatiens flavida</i> (Cke.) Maubl. & Rangel:					
<i>Gardenia augusta</i> (gardenia)-----	Mexico-----	1			Calif.*
<i>Ophiobolus graminis</i> Sacc.(?):					
<i>Triticum aestivum</i> (wheat)-----	France-----	1			N. Y.
† <i>Ophiobolus oryzinus</i> Sacc.:					
<i>Oryza sativa</i> (rice)-----	Japan-----	1			Calif.*
<i>Ophiotothella orchidearum</i> Cash & Watson:					
Orchid-----	Mexico-----			1	Tex.
† <i>Papularia sphaerosperma</i> (Lk.) v. Hoehn.:					
<i>Phragmites communis</i> -----	France-----			1	Calif.*
† <i>Papularia vinosa</i> (Berk. & Curt.) Mason:					
<i>Laurus nobilis</i> (Grecian laurel)-----	Portugal-----	1			Pa.
† <i>Papulaspora parasitica</i> (Eidam) Harz.:					
<i>Allium</i> sp.-----	Sweden-----		1		Calif.*
† <i>Paraphelenchus amblyurus</i> Steiner (?):					
Soil with sansevieria plants-----	Haiti-----			1	Fla.*
<i>Peronospora effusa</i> (Grev.) Rab.:					
<i>Spinacia oleracea</i> (spinach)-----	Mexico-----	1			Tex.
<i>Peronospora parasitica</i> (Fr.) de By.:					
<i>Brassica oleracea capitata</i> (cabbage)-----	Germany-----		1		P. R.
<i>Pestalotia coffeae</i> Zimm.:					
<i>Gardenia augusta</i> (gardenia)-----	Mexico-----	1			Tex.
<i>Pestalotia conspicua</i> Servazzi:					
<i>Brassavola</i> sp. (orchid)-----	†British Honduras-----			1	Tex.
<i>Dendrobium undulatum</i> (orchid)-----	†Indonesia-----			1	Hawaii.
<i>Laelia superbiens</i> (orchid)-----	Guatemala-----			1	Tex.
<i>Masdevallia</i> sp. (orchid)-----	Costa Rica-----			1	Hawaii.
<i>Oncidium</i> sp. (orchid)-----	do-----			1	Hawaii.
<i>Schomburgkia</i> sp. (orchid)-----	†British Honduras, Mexico-----			2	Tex.
<i>Pestalotia psidii</i> Pat.:					
<i>Psidium guajava</i> (guava)-----	Mexico-----	4			Ariz., Calif., Tex.
<i>Phoma citricarpa</i> McAlp.:					
<i>Citrus limon</i> (lemon)-----	Australia, Union of South Africa, un- known-----	1	13		Calif.*, Hawaii, Md., Mass., Pa., Tex.
<i>Citrus paradisi</i> (grapefruit)-----	Japan, Pakistan, Union of South Africa-----	1	5		Calif.*, Mass., N. Y., Pa.
<i>Citrus reticulata</i> (Mandarin orange)-----	China, †Hong Kong, Japan, Macao, Philippines-----	23	5		Calif.*, Hawaii, N. Y.

See footnotes at end of table.

Pests collected and reported from July 1, 1956, through June 30, 1957—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Phoma citricarpa</i> McAlp.:—Continued					
<i>Citrus sinensis</i> (orange)-----	Africa, Australia, Brazil, China, Hong Kong, Japan, Mozambique, Union of South Africa, unknown.	21	43	-----	Ala., Calif.*, Hawaii, Md., Mass., N. Y., Pa., Tex.
<i>Citrus sinensis valencia</i> -----	Union of South Africa	-----	2	-----	Pa.
<i>Citrus</i> sp. (orange)-----	Hong Kong	4	-----	-----	Mass., N. Y.
<i>Citrus</i> sp.-----	Hong Kong, Japan, Mozambique, Union of South Africa.	10	2	-----	Calif.*, Hawaii, Ill., Mass., Oreg., Tex.
<i>Phoma citricarpa</i> McAlp. (?):					
<i>Citrus sinensis</i> (orange)-----	Mozambique	-----	1	-----	Mass.
<i>Phoma limonii</i> Thuen.: <i>Citrus limon</i> (lemon)-----	Italy	1	-----	-----	Mass.
<i>Phoma nebulosa</i> (Fr.) Berk.: <i>Pastinaca sativa</i> (parsnip)-----	Australia	-----	1	-----	Calif.*
† <i>Phomopsis orchidophila</i> Cash & Watson: Orchid-----	Ecuador	-----	-----	1	Tex.
<i>Phomopsis palmicola</i> (Wint.) Sacc.: <i>Areca cathecu</i> (betel palm)-----	Guam	1	-----	-----	Calif.*
<i>Phragmidium disciflorum</i> (Tode) James: <i>Rosa</i> sp. (rose)-----	†Brazil, †Norway	1	1	-----	N. Y., P. R.
† <i>Phyllachora canafistulae</i> F. L. Stevens & Dalbey: <i>Cassia fistula</i> (golden-shower)-----	Puerto Rico	1	-----	-----	P. R.
† <i>Phyllachora graminis</i> (Fr.) Fekl.: <i>Zizania</i> sp.-----	Japan	-----	1	-----	Calif.*
† <i>Phyllachora sanguinolenta</i> Th. & Syd.: <i>Urochloa mosambicensis</i> -----	Mozambique	-----	-----	1	D. C.
† <i>Phyllosticta cajani</i> Rangel: <i>Cajanus cajan</i> (pigeonpea)-----	Honduras	1	-----	-----	Fla.*
† <i>Phyllosticta coccolobae</i> Ell. & Ev.: <i>Coccoloba uvifera</i> (seagrape)-----	Kwajalein	-----	-----	2	Hawaii.
<i>Phyllosticta concava</i> Seaver (?): <i>Pachycereus marginatus</i> (organpipe cactus)---	Mexico	-----	-----	1	Ariz.
† <i>Phyllosticta fusco-zonata</i> Thuen. (?): <i>Rubus</i> sp.-----	Italy	-----	1	-----	Mass.
† <i>Phyllosticta gaultheriae</i> Ell. & Ev.: <i>Gaultheria procumbens</i> -----	Germany	-----	-----	1	Ill.
† <i>Phyllosticta hedericola</i> Dur. & Mont.: <i>Hedera</i> sp.-----	Netherlands	-----	-----	1	N. J.
† <i>Phyllosticta phoradendri</i> Bonar: <i>Phoradendron</i> sp. (American mistletoe)-----	Mexico	1	-----	-----	Ariz.
† <i>Phyllosticta pleurothallidis</i> Keissl. (?): <i>Epidendrum</i> sp. (orchid)-----	Salvador	-----	-----	1	Tex.
<i>Phyllostictina mangiferae</i> Batista & Vital: <i>Mangifera indica</i> (mango)-----	Mexico	1	-----	-----	Tex.
<i>Physalospora willemannia</i> Sacc.: <i>Cymbidium elegans</i> (orchid)-----	India	-----	-----	1	N. J.
† <i>Phytophthora palmivora</i> Butl.: <i>Theobroma cacao</i> (cacao bean)-----	Antigua	1	-----	-----	P. R.
† <i>Pleospora agaves</i> de N.: <i>Agave</i> sp.-----	Mexico	-----	-----	1	Ariz.
<i>Cactus</i> -----	do	-----	-----	1	Ariz.
† <i>Pleospora diaporthoides</i> Ell. & Ev. (?): <i>Pachycereus marginatus</i> (organpipe cactus)---	do	-----	-----	3	Ariz.
<i>Pachycereus</i> sp.-----	do	-----	-----	1	Ariz.
† <i>Plicaria fulva</i> R. Schneid.: <i>Gerbera</i> sp.-----	India	-----	-----	1	N. J.
† <i>Pratylenchus minyus</i> Sher & Allen: <i>Nerium oleander</i> (oleander)-----	Austria	1	-----	-----	N. Y.
<i>Pratylenchus penetrans</i> (Cobb) Sher & Allen: <i>Begonia</i> sp.-----	Azores	-----	-----	1	Mass.
<i>Gesneria umbellata</i> -----	Netherlands	-----	-----	1	N. J.

See footnotes at end of table.

Pests collected and reported from July 1, 1956, through June 30, 1957—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Pratylenchus penetrans</i> (Cobb) Sher & Allen:— Continued					
<i>Nerium oleander</i> (oleander).....	†Austria.....	1			N. Y.
Soil with cactus plants.....	†Canada.....			1	Mass.
Soil with hydrangea plants.....	†Iran.....			1	Mass.
<i>Pratylenchus pratensis</i> (De Man) Filip.:— <i>Gesneria umbellata</i>	Netherlands.....			1	N. J.
Soil with hydrangea.....	†Iran.....			1	Mass.
† <i>Pratylenchus vulnus</i> Allen & Jensen: Soil with citrus and olive trees.....	Italy.....			1	N. Y.
† <i>Pseudomicrocera henningsii</i> (Koord.) Petch: Scale insect on <i>Chamaedorea</i> sp.....	Mexico.....	1			Tex.
<i>Pseudomonas marginata</i> (McCull.) Stapp: <i>Gladiolus</i> sp.....	Canada.....			1	Mich.
† <i>Pseudopeziza ribis</i> Kleb.:— <i>Ribes nigrum</i> (European black currant).....	Germany.....			1	Ill.
† <i>Puccinia allii</i> (DC.) Rudolphi: <i>Allium sativum</i> (garlic).....	Israel.....		1		Tex.
<i>Puccinia buxi</i> DC.:— <i>Buzus microphylla japonica</i>	†Japan.....			1	D. C.
<i>Buzus semperivirens</i> (box).....	France.....			1	D. C.
<i>Buzus</i> sp.....	England(?).....		1		N. Y.
<i>Puccinia chrysanthemi</i> Roze: <i>Chrysanthemum</i> sp.....	Japan.....	2	2	2	Calif.*, D. C., Hawaii, Wash.
<i>Puccinia glumarum</i> (Schm.) Eriks. & E. Henn.:— <i>Triticum aestivum</i> (wheat).....	France.....	1			Ill.
† <i>Puccinia hemerocallidis</i> Thuem.:— <i>Hemerocallis</i> sp.....	Japan.....			1	D. C.
<i>Puccinia horiana</i> P. Henn.:— <i>Chrysanthemum</i> sp.....	do.....		2	2	D. C., Hawaii, Wash.
† <i>Puccinia juncophila</i> Cke. & Mass. (?):— <i>Juncus</i> sp.....	Australia.....			1	Ill.
† <i>Puccinia menthae</i> Pers. (?):— Labiate.....	Morocco.....			1	S. C.
<i>Puccinia ornithogali-thyrsoideis</i> Diet.:— <i>Ornithogalum thyrsoideis</i> (chinkerichee).....	Union of South Africa.....	1			N. Y.
<i>Puccinia urbaniana</i> P. Henn.:— <i>Stachytarpheta jamaicensis</i>	Puerto Rico.....	1			P. R.
† <i>Pyrenochaeta spinicola</i> Speg. (?):— Cactus.....	Mexico.....			1	Ariz.
† <i>Ravenelia brongniartiae</i> Diet. & Holw.:— <i>Brongniartia</i> sp.....	do.....			1	D. C.
† <i>Ravenelia papillifera</i> Syd.:— <i>Cassia covesii</i>	do.....			1	D. C.
Ringspot virus (?):— <i>Citrullus vulgaris</i> (watermelon).....	do.....	2			Ariz.
† <i>Rotylenchus erythrinae</i> (Zimmermann) Goodey (?):— Soil with <i>Aloe</i> sp. plants.....	Jamaica.....			1	Fla.*
† <i>Rotylenchus reinformis</i> Linford & Oliveira: Soil with unidentified bulbs.....	Cuba.....			1	Fla.*
<i>Rotylenchus robustus</i> (De Man) Filip.:— Soil with carnation and primrose plants and tuberose bulbs.....	†England.....			1	Mass.
Soil with hyacinth plant.....	Germany.....			1	N. Y.
Soil with unidentified plants.....	Canada.....			1	Mass.
<i>Sclerotopsis testudinea</i> Dearn.:— <i>Faeonia suffruticosa</i> (tree peony).....	Japan.....			16	Calif.*
<i>Sclerotium cepivorum</i> Berk.:— <i>Allium sativum</i> (garlic).....	Italy, Spain.....	3			La., P. R.
<i>Scutellonema brachyarum</i> (Steiner) Andrassay: Soil with amaryllis bulbs.....	do.....			2	Tex.
Soil with ferns, rose plants, and lily bulbs.....	†Azores.....			1	Mass.
Soil with oleander plants.....	Italy.....			1	Mass.
Soil with philodendron, sansevieria, and caladium plants.....	†Canada.....			1	Mass.

See footnotes at end of table.

Pests collected and reported from July 1, 1956, through June 30, 1957—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Scutellonema bradys</i> (Steiner & Le Hew) Andras-say:					
<i>Dioscorea</i> sp. (yam).....	†Nigeria.....	1			Mass.
‡ <i>Septoria antirrhini</i> Desm.:					
<i>Antirrhinum majus</i> (snapdragon).....	France.....			1	D. C.
‡ <i>Septoria astericola</i> Ell. & Ev.:					
<i>Aster</i> sp.....	England.....			1	N. J.
<i>Septoria azaleae</i> Vogl.:					
<i>Rhododendron</i> sp.....	Netherlands.....			1	N. J.
<i>Septoria chrysanthemi</i> Allesch.:					
<i>Chrysanthemum morifolium</i>	Japan.....		1		Wash.
<i>Chrysanthemum</i> sp.....	England.....			1	N. J.
<i>Septoria citri</i> Pass.:					
<i>Citrus limon</i> (lemon).....	Italy.....		5		Calif.*
<i>Citrus paradisi</i> (grapefruit).....	Japan, Union of South Africa.....		2		Calif.*
<i>Citrus reticulata</i> (Mandarin orange).....	Japan, †Macao.....	1	1		Calif.*
<i>Citrus sinensis</i> (orange).....	†Mexico, Spain.....		3		Calif.*, Mass.
<i>Septoria oryzae</i> Catt.:					
<i>Oryza sativa</i> (rice).....	Japan.....		1		Calif.*
<i>Septoria petroselinii</i> Desm.:					
<i>Petroselinum crispum</i> (parsley).....	†Azores, Ireland, Morocco.....		3		Mass., Tex., Va.
† <i>Septoria sapotae</i> Batista:					
<i>Achras zapota</i> (sapodilla).....	Mexico.....	1			Tex.
<i>Septoria selenophomoides</i> Cash & Watson:					
<i>Masdevallia reichenbachiana</i> (orchid).....	England.....			1	N. J.
<i>Masdevallia towarensis</i>	England, †Germany.....			2	N. J., N. Y.
‡ <i>Sorosporium cenchri</i> P. Henn.:					
<i>Cenchrus</i> sp.....	Mexico.....	1			Ariz.
† <i>Spegazzinia ornata</i> Sacc.:					
<i>Bromeliad</i>	do.....			1	Ariz.
<i>Sphaceloma favicetii</i> Jenkins var. <i>scabiosa</i> (McAlp. & Tyron) Bitanc. & Jenkins:					
<i>Citrus aurantiifolia</i> (lime).....	Australia.....		1		Hawaii.
<i>Citrus hystrix</i>	do.....		1		Hawaii.
<i>Citrus limon</i> (lemon).....	do.....		2		Hawaii.
<i>Sphaceloma punicea</i> Bitanc. & Jenkins:					
<i>Punica granatum</i> (pomegranate).....	Mexico.....	5			Ariz., Tex.
<i>Sphaerostilbe auranticola</i> (Berk. & Br.) Petch:					
<i>Citrus limon</i> (lemon).....	Cuba.....	1			Fla.*
† <i>Sphaerotheca humuli</i> (DC.) Burr.:					
<i>Rosa</i> sp. (rose).....	Panama.....		1		Fla.*
<i>Sphenospora kevorhianii</i> Linder:					
<i>Epidendrum</i> sp. (orchid).....	Ecuador.....			1	Calif.*
<i>Oncidium</i> sp. (orchid).....	†British Honduras.....			1	Fla.
Orchid.....	†Cuba.....			2	Fla.
† <i>Sphenospora mera</i> Cummins:					
Orchid.....	Ecuador.....	1		1	Calif.*, Fla.
<i>Stagonospora gigantea</i> Heald & Wolf:					
<i>Agave</i> sp.....	Mexico.....			1	Tex.
<i>Yucca</i> sp.....	do.....			1	Tex.
<i>Stagonospora macrospora</i> (Dur. & Mont.) Sacc.:					
<i>Yucca</i> sp.....	do.....			1	Tex.
† <i>Stemphylium botryosum</i> Wollr.:					
<i>Capiscum frutescens</i> (pepper).....	Liberia.....		1		St. Thomas & St. John.
‡ <i>Stemphylium consortiale</i> (Thuem.) Groves & Skolko:					
<i>Dieffenbachia</i> sp.....	Mexico.....			1	Tex.
† <i>Stemphylium radicinum</i> (Mcier, Drechs. & Eddy) Neerg.:					
<i>Daucus carota</i> (carrot).....	Belgium.....		1		Calif.*
† <i>Teichospora opuntiae</i> Ell. & Ev.:					
<i>Cactus</i>	Mexico.....			1	Ariz.
<i>Lemateococcus</i> sp. (cactus).....	do.....			1	Ariz.
<i>Thielaviopsis basicola</i> (Berk. & Br.) Ferr.:					
<i>Aconitum napellus</i>	Netherlands.....			1	N. J.
<i>Paeonia suffruticosa</i> (tree peony).....	Japan.....			1	Calif.*
<i>Sinningia</i> sp.....	†Germany.....			1	Calif.*

See footnotes at end of table.

Pests collected and reported from July 1, 1956, through June 30, 1957—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
† <i>Tilletia horrida</i> Tak.: <i>Oryza sativa</i> (rice).....	Japan.....		1		Calif.*
† <i>Torula rhododendri</i> Kze.: <i>Rhododendron</i> sp.....	Switzerland.....	3			Calif.*, Ill.
<i>Tritirachium dependens</i> Limber: <i>Lilium longiflorum</i> (Easter lily).....	Japan.....			1	Calif.*
<i>Lilium tigrinum</i> (tiger lily).....	do.....			2	Calif.*
<i>Tubercularia vulgaris</i> Fr.: <i>Salix</i> sp. (willow).....	Netherlands.....		1		Pa.
† <i>Tylenchorhynchus brevidens</i> M. W. Allen: Soil with primrose plants.....	Ireland.....			1	Mass.
† <i>Tylenchorhynchus capitatus</i> M. W. Allen: Plant—unidentified.....	Mexico.....			1	Ariz.
<i>Tylenchorhynchus dubius</i> (Butschli) Filip.: Soil with carnation plants.....	†Azores.....			1	Mass.
Soil with unidentified plants.....	†Canada.....			1	Mass.
† <i>Tylenchorhynchus martini</i> Fielding: Soil with coconut plants.....	Unknown.....			1	La.
<i>Tylenchus filiformis</i> (Butschli) Goodey: Cactus.....	†Greece.....			1	Mass.
Soil with stonecrop plant.....	Italy.....			1	Mass.
<i>Uredo behnickiana</i> P. Henn.: <i>Epidendrum fragrans</i> (?) (orchid).....	Costa Rica.....			1	Fla.
<i>Epidendrum prismatocarpum</i>	do.....			1	Fla.
<i>Epidendrum</i> sp.....	Costa Rica, Mexico.....			2	Calif.*, Tex.
<i>Laelia anceps</i> (orchid).....	Mexico.....			1	Tex.
<i>Oncidium forbesi</i> (orchid).....	Brazil.....			1	Fla.
<i>Oncidium</i> sp.....	Brazil, unknown.....			2	Fla., Wash.
Orchid.....	Brazil.....			1	Calif.*
<i>Schomburgkia undulata</i> (orchid).....	Costa Rica.....			3	Fla.
<i>Uredo epidendri</i> P. Henn.: <i>Epidendrum stamfordianum</i> (orchid).....	†British Honduras.....			1	Fla.
<i>Oncidium phalaenopsis</i> (orchid).....	†Ecuador.....			1	Fla.
Orchid.....	do.....			1	Calif.*
<i>Schomburgkia</i> sp. (orchid).....	do.....			3	Fla.
<i>Uredo epidendri</i> P. Henn. (?): <i>Epidendrum difforme</i> (?) (orchid).....	†Puerto Rico.....			1	Fla.
<i>Epidendrum inatophyllum</i>	Canal Zone.....			1	Calif.*
<i>Epidendrum stamfordianum</i>	do.....			1	Fla.
<i>Epidendrum</i> sp.....	Cuba.....			2	Fla.
<i>Laelia</i> sp. (orchid).....	†Salvador.....			2	Fla.
<i>Odontoglossum bictoniense</i> (orchid).....	Guatemala.....			1	Calif.*
<i>Oncidium</i> sp. (orchid).....	†Dominican Republic, Salvador.....			2	Fla.
<i>Schomburgkia</i> sp. (orchid).....	Ecuador.....			8	Fla.
<i>Uredo guacae</i> Mayor: <i>Epidendrum</i> sp. (orchid).....	Cuba.....			1	Fla.
<i>Ionopsis</i> sp. (orchid).....	do.....			1	Fla.
Orchid.....	†Bolivia.....			1	Calif.*
<i>Stanhopea</i> sp. (orchid).....	Brazil, Costa Rica.....			2	Fla.
<i>Uredo guacae</i> Mayor (?): <i>Epidendrum atropurpureum</i> (orchid).....	Salvador.....			1	Fla.
<i>Epidendrum</i> sp.....	Costa Rica, †Panama, †Puerto Rico.....			3	Fla.
Orchid.....	Cuba.....			1	Fla.
<i>Stanhopea tigrina</i> (orchid).....	Guatemala.....			1	Fla.
<i>Telipogon</i> sp. (orchid).....	Ecuador.....			1	D. C.
<i>Uredo nigropuncta</i> P. Henn.: <i>Epidendrum</i> sp. (orchid).....	Costa Rica, Cuba.....			2	Fla.
<i>Ionopsis</i> sp. (orchid).....	Jamaica.....			1	Fla.
<i>Uredo nigropuncta</i> P. Henn. (?): <i>Ionopsis</i> sp. (orchid).....	†Netherlands Guiana.....			1	Fla.
<i>Laelia</i> sp. (orchid).....	Costa Rica.....			1	Fla.
Orchid.....	†Canal Zone.....			1	Fla.
<i>Uredo oncidii</i> P. Henn.: <i>Oncidium cavendishianum</i> (orchid).....	Guatemala.....			1	Fla.
<i>Oncidium echinatum</i>	Brazil.....			1	Fla.
<i>Oncidium luridum</i>	†British Honduras.....			1	Fla.
<i>Oncidium pusillum</i>	†Canal Zone.....			1	Fla.

See footnotes at end of table.

Pests collected and reported from July 1, 1956, through June 30, 1957—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Uredo oncidii</i> P. Henn.:—Continued					
<i>Oncidium splendidum</i>	Honduras.....			2	Fla.
<i>Oncidium</i> sp.	Costa Rica, Guatemala, Salvador.			5	Fla.
<i>Uredo oncidii</i> P. Henn. (?):					
<i>Oncidium cavendishianum</i> (orchid).....	England.....			1	N. J.
<i>Oncidium loense</i>	Ecuador.....			1	D. C.
<i>Oncidium pusillum</i>	do.....			1	Fla.
<i>Oncidium splendidum</i>	Honduras.....			2	Fla.
† <i>Uredo scabiei</i> Cke.:.....					
<i>Vanilla</i> sp. (orchid).....	Panama.....			1	Fla.
† <i>Urocystis cepulae</i> Frost:					
<i>Allium cepa</i> (onion).....	Israel.....		1		Fla.
<i>Urocystis gladiolicola</i> Ains.:.....					
<i>Gladiolus</i> sp.	Netherlands.....			2	N. J., Wash.
<i>Uromyces alyxiae</i> Arth.:.....					
<i>Alyxia olivaeformis</i> (maile).....	Hawaii.....	2			Calif., Hawaii.
‡ <i>Uromyces junci</i> (Desm.) Tul.:.....					
Juncaceae (?).....	Portugal.....	1			Hawaii
† <i>Uromyces leptodermis</i> Syd.:.....					
<i>Urochloa mosambicensis</i>	Mozambique.....			1	D. C.
<i>Uromyces lespedezae-procumbentis</i> (Schw.) Curt.:.....					
<i>Lespedeza thunbergii</i>	Japan.....			2	Calif.*
‡ <i>Uromycladium tepperianum</i> (Sacc.) McAlp.:.....					
<i>Acacia aneura</i>	Australia.....			1	Tex.
<i>Xanthomonas citri</i> (Hasse) Dowson:					
<i>Citrus aurantium</i> (sour orange).....	Japan.....		14		Calif., Md., Pa.
<i>Citrus grandis</i>	Formosa, Japan, Thailand.		3		Calif., Pa.
<i>Citrus limon</i> (lemon).....	Japan.....		4		Calif.*
<i>Citrus paradisi</i> (grapefruit).....	China, Japan.....	1	1		Ill., Wash.
<i>Citrus reticulata</i> (Mandarin orange).....	do.....	2	3		Calif.*
<i>Citrus reticulata unshiu</i> (satsuma orange).....	†Hong Kong.....	1			Hawaii
<i>Citrus sinensis</i> (orange).....	China, Japan.....	2	31		Calif., Hawaii, Ill., Md., Pa.
<i>Xanthomonas citri</i> (Hasse) Dowson (?):					
<i>Citrus aurantiifolia</i> (lime).....	Philippines.....	1			Hawaii.
<i>Citrus grandis</i> (pummelo).....	Japan.....	1			Hawaii.
<i>Citrus limon</i> (lemon).....	do.....		2		Wash.
<i>Xanthomonas malvacearum</i> (E. F. Sm.) Dowson:					
<i>Gossypium</i> sp. (cotton).....	Bahamas.....	1			Fla.*
<i>Xanthomonas</i> sp. (Cancrosis B):.....					
<i>Citrus limon</i> (lemon).....	Argentina.....		2		N. Y., Pa.
‡ <i>Zygothycus japonicus</i> Kominami:					
<i>Eleocharis dulcis</i> (waternut).....	China.....	1			Calif.*

An asterisk (*) indicates State inspection.

A dagger (†) indicates a first interception from the country named.

A double dagger (‡) indicates first record of its interception by Division inspectors.

Hosts and Diseases

- ACACIA:**
 ‡*Uromycladium tepperianum* (Promycetes)
ACER:
 ‡*Cytospora ambiens* (Deuteromycetes)
ACHRAS:
 ‡*Septoria sapotae* (Deuteromycetes)
ACONITUM:
 ‡*Thielaviopsis basicola* (Deuteromycetes)
AGAVE:
 ‡*Colletotrichum agaves* (Deuteromycetes)
 ‡*Hendersonia agaves* (Deuteromycetes)
 ‡*Microdiplodia agaves* (Deuteromycetes)
 ‡*Pleospora agaves* (Ascomycetes)
 ‡*Stagonospora gigantea* (Deuteromycetes)
ALLIUM CEPA:
 ‡*Mycosphaerella schoenoprasii* (Ascomycetes)
 ‡*Urocystis cepulae* (Promycetes)
ALLIUM FISTULOSUM:
 ‡*Mycosphaerella schoenoprasii* (Ascomycetes)
ALLIUM PORRUM:
 ‡*Cladosporium fasciculare* (Deuteromycetes)
 ‡*Helicotylenchus multicinctus* (Nematoda)
 ‡*Helicotylenchus nannus* (Nematoda)
 ‡*Heterosporium allii* (Deuteromycetes)
 ‡*Meloidogyne incognita* var. *acrita* (Nematoda)
ALLIUM SATIVUM:
 ‡*Ditylenchus dipsaci* (Nematoda)
 ‡*Puccinia allii* (Promycetes)
 ‡*Sclerotium cepivorum* (Deuteromycetes)
ALLIUM sp.:
 ‡*Mycosphaerella schoenoprasii* (Ascomycetes)
 ‡*Papulaspora parasitica* (Deuteromycetes)
ALOE:
 ‡*Meloidogyne incognita* (Nematoda)
 ‡*Rotylenchus erythrinae* (?) (Nematoda)
ALYXIA:
 ‡*Uromyces alyxiae* (Promycetes)
ANTIRRHINUM:
 ‡*Septoria antirrhini* (Deuteromycetes)
ARAUCARIA:
 ‡*Chlamydomyces palmarum* (Deuteromycetes)
 ‡*Cryptospora longispora* (Ascomycetes)
 ‡*Diaporthe eres* (Ascomycetes)
 ‡*Macrophoma araucariae* (Deuteromycetes)
ARECA:
 ‡*Colletotrichum arecae* (Deuteromycetes)
 ‡*Phomopsis palmicola* (Deuteromycetes)
ASPARAGUS:
 ‡*Meloidogyne javanica* (Nematoda)
ASTER:
 ‡*Coleosporium solidaginis* (Promycetes)
 ‡*Septoria astericola* (Deuteromycetes)
BEGONIA:
 ‡*Helicotylenchus nannus* (Nematoda)
 ‡*Pratylenchus penetrans* (Nematoda)
BETULA:
 ‡*Asterosporium hoffmanni* (Deuteromycetes)
BRASSAVOLA:
 ‡*Pestalotia conspicua* (Deuteromycetes)
BRASSICA OLERACEA CAPITATA:
 ‡*Peronospora parasitica* (Phycomycetes)
BROMELIAD:
 ‡*Echidnodes bromeliacearum* (Ascomycetes)
 ‡*Spegazzinia ornata* (Deuteromycetes)
BRONGNIARTIA:
 ‡*Ravenelia brongniartiae* (Promycetes)
BUXUS:
 ‡*Puccinia buxi* (Promycetes)
CACTUS:
 ‡*Hendersonia opuntiae* (Deuteromycetes)
 ‡*Pleospora agaves* (Ascomycetes)
 ‡*Pyrenochaeta spinicola* (?) (Deuteromycetes)
 ‡*Tylospora opuntiae* (Ascomycetes)
 ‡*Tylenchus filiformis* (Nematoda)
CAJANUS:
 ‡*Colletotrichum cajani* (Deuteromycetes)
 ‡*Phyllosticta cajani* (Deuteromycetes)
CALADIUM:
 ‡*Meloidogyne arenaria* (Nematoda)
 ‡*Meloidogyne javanica* (Nematoda)
CALAMINTHA:
 ‡*Meloidogyne hapla* (Nematoda)
CALANTHE:
 ‡*Coleosporium bletiae* (Promycetes)
- CALATHEA:**
 ‡*Meloidogyne incognita* var. *acrita* (Nematoda)
CALLA:
 ‡*Meloidogyne incognita* (Nematoda)
CAMELLIA:
 ‡*Discosia arctocreas* (Deuteromycetes)
CANNA:
 ‡*Meloidogyne incognita* var. *acrita* (Nematoda)
CAPSICUM:
 ‡*Colletotrichum capsici* (Deuteromycetes)
 ‡*Stemphylium botryosum* (Deuteromycetes)
CASSIA:
 ‡*Phyllachora canafistulae* (Ascomycetes)
 ‡*Ravenelia papillifera* (Promycetes)
CENCHRUS:
 ‡*Sorosporium cenchri* (Promycetes)
CHAENOMELES:
 ‡*Diaporthe eres* (Ascomycetes)
CHAMAEDOREA:
 ‡*Hypocrella sloaneae* (Ascomycetes)
CHRYSANTHEMUM:
 ‡*Cylindrosporium chrysanthemi* (Deuteromycetes)
 ‡*Meloidogyne hapla* (Nematoda)
 ‡*Puccinia chrysanthemi* (Promycetes)
 ‡*Puccinia horiana* (Promycetes)
 ‡*Septoria chrysanthemi* (Deuteromycetes)
CITRULLUS:
 ‡*Ringspot virus* (?)
CITRUS AURANTIFOLIA:
 ‡*Elsinoe australis* (Ascomycetes)
 ‡*Hendersonia citri* (Deuteromycetes)
 ‡*Sphaceloma fawcettii* var. *scabiosa* (Deuteromycetes)
 ‡*Xanthomonas citri* (?) (Schizomycetes)
CITRUS AURANTIUM:
 ‡*Xanthomonas citri* (Schizomycetes)
CITRUS GRANDIS:
 ‡*Meliola citricola* (Ascomycetes)
 ‡*Xanthomonas citri* (Schizomycetes)
CITRUS HYSTRIX:
 ‡*Sphaceloma fawcettii* var. *scabiosa* (Deuteromycetes)
CITRUS LIMON:
 ‡*Elsinoe australis* (Ascomycetes)
 ‡*Erwinia citrimaculans* (Schizomycetes)
 ‡*"Leprosis"*
 ‡*Meliola citricola* (Ascomycetes)
 ‡*Phoma citricarpa* (Deuteromycetes)
 ‡*Phoma limonii* (Deuteromycetes)
 ‡*Septoria citri* (Deuteromycetes)
 ‡*Sphaceloma fawcettii* var. *scabiosa* (Deuteromycetes)
 ‡*Sphaerostilbe aurantiicola* (Ascomycetes)
 ‡*Xanthomonas citri* (Schizomycetes)
 ‡*Xanthomonas* sp. (Cancrosis B) (Schizomycetes)
CITRUS PARADISI:
 ‡*Elsinoe australis* (Ascomycetes)
 ‡*Phoma citricarpa* (Deuteromycetes)
 ‡*Septoria citri* (Deuteromycetes)
 ‡*Xanthomonas citri* (Schizomycetes)
CITRUS RETICULATA:
 ‡*Meliola citricola* (Ascomycetes)
 ‡*Phoma citricarpa* (Deuteromycetes)
 ‡*Septoria citri* (Deuteromycetes)
 ‡*Xanthomonas citri* (Schizomycetes)
CITRUS RETICULATA VAR. UNSHIU:
 ‡*Xanthomonas citri* (Schizomycetes)
CITRUS SINENSIS:
 ‡*Alternaria citri* (Deuteromycetes)
 ‡*Elsinoe australis* (Ascomycetes)
 ‡*"Leprosis"*
 ‡*Phoma citricarpa* (Deuteromycetes)
 ‡*Septoria citri* (Deuteromycetes)
 ‡*Xanthomonas citri* (Schizomycetes)
CITRUS SINENSIS VAR. VALENCIA:
 ‡*Phoma citricarpa* (Deuteromycetes)
CITRUS SP. (orange):
 ‡*Phoma citricarpa* (Deuteromycetes)
CITRUS SP.:
 ‡*Phoma citricarpa* (Deuteromycetes)
CLEMATIS:
 ‡*Meloidogyne hapla* (Nematoda)
CLIVIA:
 ‡*Colletotrichum cliviae* (Deuteromycetes)

Hosts and Diseases—Continued

- COCCOLOBA:**
 †*Phyllosticta coccolobae* (Deuteromycetes)
- COCOS:**
 †*Ceratocystis radicola* (Ascomycetes)
Epicoecum cocos (Deuteromycetes)
 †*Macrophoma cocos* (Deuteromycetes)
- COFFEA:**
 †*Cercospora coffeicola* (Deuteromycetes)
- COLOCASIA:**
 †*Helicotylenchus nannus* (Nematoda)
- CORIANDRUM:**
 †*Alternaria dauci* (Deuteromycetes)
- CYMBIDIUM:**
 †*Myriocopron orchidearum* (Ascomycetes)
Physalospora wildevmanniana (Ascomycetes)
- CYTISUS:**
 †*Coniothyrium leguminum* (Deuteromycetes)
- DACTYLIS:**
 †*Coniothecium glumarum* (Deuteromycetes)
- DAHLIA:**
Coleosporium dahliae (Promycetes)
Meloidogyne arenaria (Nematoda)
Meloidogyne hapla (Nematoda)
- DAUCUS:**
 †*Stemphylium radicum* (Deuteromycetes)
- DENDROBIUM:**
Pestalotia conspicua (Deuteromycetes)
- DIANTHUS:**
Alternaria dianthi (Deuteromycetes)
 †*Alternaria dianthicola* (Deuteromycetes)
 †*Heterosporium echinulatum* (Deuteromycetes)
- DIEFFENBACHIA:**
 †*Stemphylium consortiale* (Deuteromycetes)
- DIOSCOREA:**
Meloidogyne incognita (Nematoda)
Scutellonema bradyi (Nematoda)
- ELEOCHARIS:**
 †*Zygorythicus japonicus* (Phycomycetes)
- EPIDENDRUM:**
Mycosphaerella cattleyae (Ascomycetes)
 †*Phyllosticta pleurothallidis* (?) (Deuteromycetes)
Sphenospora kevorkianii (Promycetes)
Uredo behnickiana (Promycetes)
Uredo epidendri (?) (Promycetes)
Uredo guacae (Promycetes)
Uredo nigropuncta (Promycetes)
- ERYNGIUM:**
 †*Cercospora apii* (Deuteromycetes)
- EXCOECARIA:**
Meloidogyne hapla (Nematoda)
- FAGUS:**
Fusicoccum galericulatum (Deuteromycetes)
 †*Hendersonia piriformis* (Deuteromycetes)
- FRAGARIA:**
Mycosphaerella fragariae (Ascomycetes)
- FREESIA:**
Meloidogyne javanica (Nematoda)
- GALANTHUS:**
 †*Fusarium oxysporum* f. *narcissi* (?) (Deuteromycetes)
- GARDENIA:**
 †*Colletotrichum coffeanum* (Deuteromycetes)
Meloidogyne incognita (Nematoda)
Omphalia flava (Basidiomycetes)
Pestalotia coffeae (Deuteromycetes)
- GAULTHERIA:**
 †*Phyllosticta gaultheriae* (Deuteromycetes)
- GENISTA:**
 †*Coniothyrium genistae* (Deuteromycetes)
- GERBERA:**
Meloidogyne javanica (Nematoda)
 †*Plicaria fulva* (Ascomycetes)
- GESNERIA:**
Pratylenchus penetrans (Nematoda)
Pratylenchus pratensis (Nematoda)
- GINKGO:**
Diaporthe eres (Ascomycetes)
- GLADIOLUS:**
Fusarium oxysporum f. *gladioli* (Deuteromycetes)
 †*Meloidogyne arenaria* var. *thamesi* (Nematoda)
 †*Pseudomonas marginata* (Schizomycetes)
Urocystis gladiolicola (Promycetes)
- GLYCINE:**
 †*Ascochyta pisi* (Deuteromycetes)
- GOSSYPIUM:**
Xanthomonas malvacearum (Schizomycetes)
- HEDERA:**
 †*Colletotrichum trichellum* (Deuteromycetes)
 †*Phyllosticta hedericola* (Deuteromycetes)
- HEDYCHIUM:**
Meloidogyne javanica (Nematoda)
- HEMEROCALLIS:**
 †*Puccinia hemerocallidis* (Promycetes)
- HIBISCUS:**
Meloidogyne incognita var. *acrita* (Nematoda)
- IONOPSIS:**
Uredo guacae (Promycetes)
Uredo nigropuncta (Promycetes)
- IPOMOEA:**
 †*Fusarium oxysporum* f. *batalas* (Deuteromycetes)
- IRIS:**
 †*Heterosporium iridis* (Deuteromycetes)
Meloidogyne hapla (Nematoda)
- JUGLANS:**
Marssonina juglandis (Deuteromycetes)
- JUNCACEAE:**
 †*Uromyces junci* (Promycetes)
- JUNCUS:**
 †*Puccinia juncophila* (?) (Promycetes)
- JUNIPERUS:**
Gymnosporangium haraeum (Promycetes)
- KAEMPFERIA:**
Meloidogyne javanica (Nematoda)
- LABIATAE:**
 †*Puccinia menthae* (?) (Promycetes)
- LABURNUM:**
Coniothyrium cytisellum (Deuteromycetes)
- LAELIA:**
Pestalotia conspicua (Deuteromycetes)
Uredo behnickiana (Promycetes)
Uredo epidendri (?) (Promycetes)
Uredo nigropuncta (?) (Promycetes)
- LAURUS:**
 †*Popularia vinosa* (Deuteromycetes)
- LEMAIREOCEREUS:**
 †*Teichospora opuntiae* (Ascomycetes)
- LESPEDEZA:**
Uromyces lespedezae-procumbentis (Promycetes)
- LILIUM:**
Meloidogyne incognita var. *acrita* (Nematoda)
Tritirachium dependens (Deuteromycetes)
- MAHONIA:**
Cumminsella mirabilissima (Promycetes)
- MALUS:**
 †*Gloeosporium album* (Deuteromycetes)
 †*Monilinia fruticicola* (Ascomycetes)
Monilinia fructigena (Ascomycetes)
- MANGIFERA:**
Cercospora mangiferae (Deuteromycetes)
Elsinoe mangiferae (Ascomycetes)
Phyllosticta mangiferae (Deuteromycetes)
- MASDEVALLIA:**
Pestalotia conspicua (Deuteromycetes)
Septoria selenophomoides (Deuteromycetes)
- MONSTERA:**
Meloidogyne incognita (Nematoda)
- MUSA:**
 †*Cercospora musae* (Deuteromycetes)
 †*Helminthosporium terulosum* (Deuteromycetes)
Macrophoma musae (Deuteromycetes)
- NARCISUS:**
Ditylenchus dipsaci (Nematoda)
- NERIUM:**
 †*Pratylenchus minyus* (Nematoda)
Pratylenchus penetrans (Nematoda)
- NOTHOPANAX:**
 †*Cercospora panacis* (?) (Deuteromycetes)
- ODONTOGLOSSUM:**
Uredo epidendri (?) (Promycetes)
- OLEA:**
Macrophoma oleae (Deuteromycetes)
- ONCIDIUM:**
Pestalotia conspicua (Deuteromycetes)
Sphenospora kevorkianii (Promycetes)

See footnotes at the end of this list.

Hosts and Diseases—Continued

ONCIDIUM—Continued

Uredo behnickiana (Promycetes)*Uredo epidendri* (Promycetes)*Uredo oncidii* (Promycetes)

ORCHID:

Camarosporium orchidicola (Deuteromycetes)*Leptosphaeria niessleana* (Ascomycetes)*Mycosphaerella cattleyae* (Ascomycetes)*Ophiodiella orchidearum* (Ascomycetes)*Phomopsis orchidophila* (Deuteromycetes)*Sphenospora kevorkianii* (Promycetes)*†Sphenospora mera* (Promycetes)*Uredo behnickiana* (Promycetes)*Uredo epidendri* (Promycetes)*Uredo guacae* (Promycetes)*Uredo nigropuncta* (?) (Promycetes)

ORNITHOGALUM:

†Didymellina ornithogali (Ascomycetes)*Meloidogyne hapla* (Nematoda)*Meloidogyne javanica* (Nematoda)*Puccinia ornithogali-thyrsoides* (Promycetes)

ORYZA:

†Leptosphaeria culmifraga (Ascomycetes)*†Leptosphaeria salvinii* (Ascomycetes)*†Ophiobolus oryzinus* (Ascomycetes)*Septoria oryzae* (Deuteromycetes)*†Tilletia horrida* (Promycetes)

PACHYCEREUS:

Phyllosticta concava (?) (Deuteromycetes)*†Pleospora diaportheoides* (?) (Ascomycetes)

PAEONIA:

†Coryneum microstictoides (Deuteromycetes)*Meloidogyne hapla* (Nematoda)*†Monochaetia paeoniae* (Deuteromycetes)*Sclerotopsis testudinea* (Deuteromycetes)*Thielaviopsis basicola* (Deuteromycetes)

PALM:

†Corynespora cassiicola (Deuteromycetes)*†Criconeimoides mutabile* (Nematoda)

PASPALUM:

Cerebella andropogonis (Deuteromycetes)

PASTINACA:

Phoma nebulosa (Deuteromycetes)

PERSEA:

Cercospora purpurea (Deuteromycetes)

PETROSELINUM:

Septoria petroselinii (Deuteromycetes)

PHALARIS:

Helicotylenchus nannus (Nematoda)

PHASEOLUS:

Elisinoe phaseoli (Ascomycetes)

PHILODENDRON:

Colletotrichum philodendri (Deuteromycetes)*Helicotylenchus nannus* (Nematoda)

PHORADENDRON:

†Phyllosticta phoradendri (Deuteromycetes)

PHRAGMITES:

†Lophodermium arundinaceum (Ascomycetes)*†Papularia sphaerosperma* (Deuteromycetes)

PHYSALIS:

†Meliola acervata (Ascomycetes)

PINUS:

Coleosporium solidaginis (Promycetes)

POLANTHES:

Meloidogyne javanica (Nematoda)

POLYGALA:

Meloidogyne incognita var. *acrita* (Nematoda)

POPULUS:

†Marssonina populi (Deuteromycetes)*†Melampsora populnea* (Promycetes)

PRIMULA:

†Tylenchorhynchus brevidens (Nematoda)

PRUNUS AMYGDALUS:

Coryneum carpophilum (Deuteromycetes)

PRUNUS ARMENIACA:

Coryneum carpophilum (Deuteromycetes)

PRUNUS DOMESTICA:

Monilinia laxa (Ascomycetes)

PSIDIIUM:

Pestalotia psidii (Deuteromycetes)

PUNICA:

Sphaceloma punicae (Deuteromycetes)

PYRACANTHA:

Fusicladium pyracanthae (Deuteromycetes)

PYRUS:

Monilinia fructigena (Ascomycetes)

QUERCUS:

†Cronartium quercuum (Promycetes)

RAUWOLFIA:

Meloidogyne arenaria (Nematoda)*Meloidogyne javanica* (Nematoda)

RHODODENDRON:

†Cercospora handelii (Deuteromycetes)*Chrysomya ledi* var. *rhododendri* (Promycetes)*Diplodina eurhododendri* (Deuteromycetes)*Exobasidium vaccinii* (Basidiomycetes)*Gloeosporium rhododendri* (Deuteromycetes)*Septoria azaleae* (Deuteromycetes)*†Torula rhododendri* (Deuteromycetes)

RHYNCHOSIA:

Meloidogyne incognita (Nematoda)

RIBES:

Pseudopeziza ribis (Ascomycetes)

ROSA:

Diaporthe eres (Ascomycetes)*Meloidogyne hapla* (Nematoda)*Phragmidium disciflorum* (Promycetes)*†Sphaerotheca humuli* (Ascomycetes)

RUBUS:

†Coryneum microstictum (Deuteromycetes)*†Mainsia variabilis* (Promycetes)*†Phyllosticta fusco-zonata* (?) (Deuteromycetes)

SACCHARUM:

Cytospora sacchari (Deuteromycetes)*Leptosphaeria sacchari* (Ascomycetes)

SALIX:

Tubercularia vulgaris (Deuteromycetes)

SANSEVIERIA:

Meloidogyne incognita (Nematoda)

SCHOMBURGKIA:

Fusarium solani (Deuteromycetes)*Pestalotia conspicua* (Deuteromycetes)*Uredo behnickiana* (Promycetes)*Uredo epidendri* (Promycetes)

SINNINGIA:

Thielaviopsis basicola (Deuteromycetes)

SOIL:

†Aphelenchoides bicaudatus (Nematoda)*†Aphelenchoides coffea* (Nematoda)*†Aphelenchoides huntii* (Nematoda)*†Criconeimoides xenoplax* (Nematoda)*†Helicotylenchus erythrinae* (Nematoda)*Helicotylenchus multicinctus* (Nematoda)*Helicotylenchus nannus* (Nematoda)*Heterodera cacti* (Nematoda)*Heterodera carotae* (?) (Nematoda)*Heterodera major* (Nematoda)*Heterodera punctata* (Nematoda)*Heterodera rostochiensis* (Nematoda)*†Heterodera schachtii* (Nematoda)*Meloidogyne incognita* (Nematoda)*Meloidogyne incognita* var. *acrita* (Nematoda)*†Paraphelenchus amblyurus* (?) (Nematoda)*Pratylenchus penetrans* (Nematoda)*Pratylenchus pratensis* (Nematoda)*†Pratylenchus vulnus* (Nematoda)*Rotylenchus reniformis* (Nematoda)*Rotylenchus robustus* (Nematoda)*Scutellonema brachyurum* (Nematoda)*Tylenchorhynchus dubius* (Nematoda)*†Tylenchorhynchus martini* (Nematoda)*Tylenchus jiliformis* (Nematoda)

SOLANUM:

Meloidogyne arenaria (Nematoda)*Meloidogyne hapla* (Nematoda)*Meloidogyne incognita* (Nematoda)*Meloidogyne incognita* var. *acrita* (Nematoda)*Meloidogyne javanica* (Nematoda)

SORBUS:

†Gymnosporangium juniperi (Promycetes)*Monilinia laxa* (Ascomycetes)

SPINACIA:

Peronospora effusa (Phycomycetes)

STACHYTARPHETA:

Puccinia urbaniana (Promycetes)

See footnotes at the end of this list.

Hosts and Diseases—Continued

STANHOPEA:

Uredo guacae (Promycetes)

TAXUS:

Diplodia taxi (Deuteromycetes)

TECOMA:

Meloidogyne javanica (Nematoda)

TELIPOGON:

Uredo guacae (?) (Promycetes)

THEOBROMA:

‡*Phytophthora palmivora* (Phycomycetes)

THUNBERGIA:

Meloidogyne javanica (Nematoda)

TRITICUM:

Ophiobolus graminis (?) (Ascomycetes)†*Puccinia glumarum* (Promycetes)

UROCHLOA:

‡*Phyllachora sanguinolenta* (Ascomycetes)†*Uromyces leptodermis* (Promycetes)

VANILLA:

†*Uredo scabiei* (Promycetes)

VIBURNUM:

‡*Hendersonia foliorum* var. *viburni* (Deuteromycetes)*Meloidogyne hapla* (Nematoda)

VIOLA:

Meloidogyne hapla (Nematoda)

WILKESIA:

Meloidogyne incognita var. *acrita* (Nematoda)

XANTHOSOMA:

Meloidogyne javanica (Nematoda)

YUCCA:

Hendersonia yuccae (Deuteromycetes)*Stagonospora gigantea* (Deuteromycetes)*Stagonospora macrospora* (Deuteromycetes)

ZANTEDESCHIA:

Meloidogyne javanica (Nematoda)

ZINGIBER:

Colletotrichum zingiberis (Deuteromycetes)*Melanospora zamiae* (Ascomycetes)*Meloidogyne javanica* (Nematoda)

ZIZANIA:

†*Phyllachora graminis* (Ascomycetes)*Hosts Unknown*

BULB:

Meloidogyne javanica (Nematoda)

CUTTING:

‡*Cryptosphaeria eunomia* (?) (Ascomycetes)†*Helicotylenchus nannus* (Nematoda)

FERN:

Helicotylenchus multicinctus (Nematoda)

PLANT:

Meloidogyne javanica (Nematoda)‡*Tylenchorhynchus capitatus* (Nematoda)

SCALE INSECT:

‡*Pseudomicrocera henningsii* (Deuteromycetes)

See footnotes at the end of this list.

Countries of Origin and Diseases

AFRICA: <i>Phoma citricarpa</i>	<i>Melanospora zamiae</i> <i>Phoma citricarpa</i>
ANTIGUA: † <i>Phytophthora palmivora</i>	<i>Xanthomonas citri</i> † <i>Zygophyces japonicus</i>
ARGENTINA: <i>Elsinoe australis</i> † <i>Fusarium oxysporum</i> f. <i>bataas</i> † <i>Heterodera rostochiensis</i> <i>Xanthomonas</i> sp. (Cancrosis B)	COLOMBIA: † <i>Heterosporium echinulatum</i> † <i>Mainsia variabilis</i>
AUSTRALIA: † <i>Cercospora panacis</i> (?) <i>Cerebella andropogonis</i> <i>Cryptospora longispora</i> † <i>Gloeosporium album</i> † <i>Helicotylenchus multicinctus</i> † <i>Helicotylenchus nannus</i> <i>Macrophoma araucariae</i> <i>Meliola citricola</i> † <i>Meloidogyne hapla</i> <i>Phoma citricarpa</i> <i>Phoma nebulosa</i> † <i>Puccinia juncophila</i> (?) <i>Sphaceloma fawcettii</i> var. <i>scabiosa</i> † <i>Uromycladium tepperianum</i>	COSTA RICA: † <i>Aphelenchoides bicaudatus</i> <i>Aphelenchoides coffea</i> † <i>Helicotylenchus multicinctus</i> <i>Meloidogyne incognita</i> † <i>Meloidogyne incognita acrita</i> <i>Mycosphaerella cattleyae</i> <i>Pestalotia conspicua</i> <i>Uredo behnickiana</i> <i>Uredo guacae</i> <i>Uredo nigropuncta</i> <i>Uredo oncidii</i>
AUSTRIA: <i>Chrysomyxa ledi</i> var. <i>rhododendri</i> † <i>Pratylenchus minyus</i> † <i>Pratylenchus penetrans</i>	CUBA: † <i>Elsinoe mangiferae</i> † <i>Helicotylenchus nannus</i> † <i>Meloidogyne javanica</i> † <i>Rotylenchus reniformis</i> <i>Sphaerostilbe aurantiicola</i> † <i>Sphenospora kevorkianii</i> <i>Uredo epidendri</i> (?) <i>Uredo guacae</i> <i>Uredo nigropuncta</i>
AZORES: † <i>Aphelenchoides huntii</i> † <i>Helicotylenchus nannus</i> † <i>Pratylenchus penetrans</i> † <i>Scutellonema brachyurum</i> † <i>Septoria petroselinii</i> † <i>Tylenchorhynchus dubius</i>	CZECHOSLOVAKIA: † <i>Lophodermium arundinaceum</i>
BAHAMAS: † <i>Meloidogyne incognita acrita</i> <i>Xanthomonas malvacearum</i>	DENMARK: <i>Heterodera major</i> † <i>Monilinia fructigena</i>
BELGIUM: <i>Colletotrichum cliviae</i> <i>Erobasiidium vaccinii</i> <i>Heterodera major</i> <i>Heterodera punctata</i> <i>Heterodera rostochiensis</i> † <i>Meloidogyne hapla</i> † <i>Monilinia laxa</i> † <i>Stemphylium radicum</i>	DOMINICAN REUBLIC: † <i>Cercospora coffeicola</i> <i>Helminthosporium torulosum</i> † <i>Meloidogyne arenaria</i> † <i>Meloidogyne incognita</i> † <i>Meloidogyne javanica</i> † <i>Uredo epidendri</i> (?)
BOLIVIA: † <i>Uredo guacae</i>	ECUADOR: † <i>Heterodera rostochiensis</i> † <i>Meloidogyne arenaria</i> † <i>Mycosphaerella cattleyae</i> † <i>Phomopsis orchidophila</i> <i>Sphenospora kevorkianii</i> <i>Sphenospora mera</i> † <i>Uredo epidendri</i> <i>Uredo guacae</i> (?) <i>Uredo oncidii</i> (?)
BRAZIL: <i>Elsinoe australis</i> <i>Elsinoe mangiferae</i> <i>Meloidogyne incognita acrita</i> † <i>Meloidogyne javanica</i> <i>Phoma citricarpa</i> † <i>Phragmidium disciflorum</i> <i>Uredo behnickiana</i> <i>Uredo guacae</i> <i>Uredo oncidii</i>	ENGLAND: † <i>Cercospora handelii</i> <i>Cytospora ambiens</i> <i>Ditylenchus dipsaci</i> <i>Heterodera major</i> <i>Heterodera punctata</i> <i>Heterodera rostochiensis</i> † <i>Meloidogyne hapla</i> <i>Monilinia fructigena</i> <i>Monilinia laxa</i> † <i>Rotylenchus robustus</i> † <i>Septoria astericola</i> <i>Septoria chrysanthemi</i> <i>Septoria selenophomoides</i> <i>Uredo oncidii</i> (?)
BRITISH HONDURAS: † <i>Pestalotia conspicua</i> † <i>Sphenospora kevorkianii</i> † <i>Uredo epidendri</i> † <i>Uredo oncidii</i>	ENGLAND (?) : <i>Puccinia buxi</i>
CANADA: <i>Coleosporium solidaginis</i> <i>Helicotylenchus erythrinae</i> † <i>Heterosporium iridis</i> <i>Meloidogyne incognita</i> † <i>Pratylenchus penetrans</i> <i>Pseudomonas marginata</i> † <i>Rotylenchus robustus</i> † <i>Scutellonema brachyurum</i> † <i>Tylenchorhynchus dubius</i>	EUROPE: <i>Heterodera rostochiensis</i>
CANAL ZONE: † <i>Meloidogyne incognita acrita</i> <i>Uredo epidendri</i> (?) † <i>Uredo nigropuncta</i> (?) † <i>Uredo oncidii</i>	FORMOSA: <i>Xanthomonas citri</i>
CHILE: <i>Meloidogyne arenaria</i> † <i>Meloidogyne incognita</i>	FRANCE: † <i>Asterosporium hoffmanni</i> <i>Coryneum carpophilum</i> <i>Diaporthe eres</i> <i>Heterodera cacti</i> <i>Heterodera major</i> † <i>Meloidogyne incognita acrita</i> <i>Ophiobolus graminis</i> (?) † <i>Papularia sphaerosperma</i> <i>Puccinia buxi</i> <i>Puccinia glumarum</i> † <i>Septoria antirrhini</i>
CHINA: <i>Colletotrichum zingiberis</i>	

See footnotes at the end of this list.

Countries of Origin and Diseases—Continued

FRENCH WEST AFRICA:

†*Meloidogyne incognita acrita*

GERMANY:

†*Alternaria dianthicola*†*Chrysomyxa ledi* var. *rhododendri*†*Cladosporium fasciculare* (?)†*Colletotrichum philodendri*†*Gloeosporium album*†*Heterodera cacti*†*Heterodera carolae* (?)†*Heterodera major*†*Heterodera punctata*†*Heterodera rostochiensis*†*Heterosporium allii*†*Macrophoma araucariae*†*Melampsora populnea*†*Meloidogyne hapla*†*Meloidogyne incognita*†*Mycosphaerella fragariae*†*Peronospora parasitica*†*Phyllosticta gaultheriae*†*Pseudopeziza ribis*†*Rotylenchus robustus*†*Septoria selenophomoides*†*Thielaviopsis basicola*

GREECE:

†*Helicotylenchus nannus*†*Heterodera rostochiensis*†*Tylenchus filiformis*

GUAM:

†*Phomopsis palmicola*

GUATEMALA:

†*Camarosporium orchidicola*†*Meloidogyne arenaria*†*Pestalotia conspicua*†*Uredo epidendri* (?)†*Uredo guacae* (?)†*Uredo oncidii*

HAITI:

†*Helicotylenchus nannus*†*Paraphelenchus amblyurus* (?)

HAWAII:

†*Meloidogyne javanica*†*Meloidogyne javanica*†*Uromyces alyxiae*

HONDURAS:

†*Phyllosticta cajani*†*Uredo oncidii*

HONG KONG:

†*Meloidogyne javanica*†*Phoma citricarpa*†*Xanthomonas citri*

ICELAND:

†*Heterodera punctata*†*Heterodera rostochiensis*

INDIA:

†*Coleosporium bletiae*†*Meloidogyne javanica*†*Physalospora wildemanniana*†*Plicaria fulva*

INDONESIA:

†*Pestalotia conspicua*

IRAN:

†*Pratylenchus penetrans*†*Pratylenchus pratensis*

IRELAND:

†*Heterodera major*†*Heterodera punctata*†*Heterodera rostochiensis*†*Septoria petroselinii*†*Tylenchorhynchus brevidens*

ISRAEL:

†*Puccinia allii*†*Urocystis cepulae*

ITALY:

†*Colletotrichum agaves*†*Colletotrichum trichellum*†*Corynemum carpophilum*†*Ditylenchus dipsaci*†*Eruinia citrimaculans*†*Gloeosporium album*†*Helicotylenchus erythrinae*†*Heterodera cacti*†*Heterodera major*†*Heterodera punctata*†*Macrophoma oleae*†*Marssonina juglandis*†*Meloidogyne javanica*†*Mycosphaerella fragariae*†*Phoma limonii*†*Phyllosticta fusco-zonata* (?)†*Pratylenchus vulnus*†*Sclerotium cepivorum*†*Scutellonema brachyurum*†*Septoria citri*†*Tylenchus filiformis*

JAMAICA:

†*Helicotylenchus nannus*†*Meloidogyne incognita*†*Meloidogyne javanica*†*Rotylenchus erythrinae* (?)†*Uredo nigropuncta*

JAPAN:

†*Ascochyta pisi*†*Coleosporium solidaginis*†*Criconeumoides xenoplax*†*Cylindrosporium chrysanthemi*†*Diplodia taxi*†*Discosia artoceae*†*Gymnosporangium haraeianum*†*Leptosphaeria culmifraga*†*Melanospora zamiae*†*Meliola citricola*†*Meloidogyne arenaria*†*Meloidogyne arenaria thamesi*†*Meloidogyne hapla*†*Meloidogyne incognita*†*Meloidogyne javanica*†*Mycosphaerella schoenoprasii*†*Ophiobolus oryzinus*†*Phoma citricarpa*†*Phyllachora graminis*†*Puccinia buxi*†*Puccinia chrysanthemi*†*Puccinia hemerocallidis*†*Puccinia hortiana*†*Sclerotiopsis testudinea*†*Septoria chrysanthemi*†*Septoria citri*†*Septoria oryzae*†*Thielaviopsis basicola*†*Tilletia horrida*†*Tritirachium dependens*†*Uromyces lespedezae-procumbentis*†*Xanthomonas citri*

KWAJALEIN:

†*Phyllosticta coccolobae*

LIBERIA:

†*Stemphylium botryosum*

MACAO:

†*Phoma citricarpa*†*Septoria citri*

MARQUESAS ISLANDS:

†*Cercospora musae*

MARTINIQUE:

†*Meloidogyne incognita acrita*

MEXICO:

†*Alternaria dianthi*†*Ceratocystis radicola*†*Cercospora mangiferae*†*Cercospora purpurea*†*Coleosporium dahliae*†*Colletotrichum agaves*†*Colletotrichum capsici*†*Colletotrichum coffeanum*†*Colletotrichum philodendri*†*Corynespora cassicola*†*Criconeumoides mutabile*†*Cronartium quercuum*†*Cryptosphaeria eunomia* (?)†*Cytospora sacchari*†*Ditylenchus dipsaci*†*Echidnodes bromeliacearum*†*Elstinoe mangiferae*†*Fusarium oxysporum* f. *gladioli*†*Fusarium solani*

See footnotes at the end of this list.

Countries of Origin and Diseases—Continued

MEXICO—Continued

†*Helicotylenchus multicinctus*
Helicotylenchus nanus
Hendersonia agaves
Hendersonia citri
Hendersonia opuntiae
Hendersonia yuccae
Heterodera cacti
Heterodera punctata
Heterodera rostochiensis
 †*Hypocrella sloaneae*
 "Leprosis"
Leptosphaeria niessleana
Leptosphaeria sacchari
 †*Macrophoma cocos*
 †*Marssonina populi*
Meloidogyne incognita
Meloidogyne incognita acrita
Meloidogyne javanica
Microdiplodia agaves
Omphalia flavida
Ophiostoma orchidearum
Pernospora effusa
Pestalotia coffeae
Pestalotia conspicua
Pestalotia psidii
Phyllosticta concava (?)
 †*Phyllosticta phoradendri*
Phyllostictina mangiferae
 †*Pleospora agaves*
 †*Pleospora diaportheoides* (?)
 †*Pseudomicrocera henningsii*
 †*Pyrenochaeta spinicola* (?)
 †*Ravenelia brongniartiae*
 †*Ravenelia papillifera*
 Ringspot virus (?)
 †*Scutellonema brachyurum*
 †*Septoria citri*
 †*Septoria sapotae*
 †*Sorosporium cenchri*
 †*Spegazzinia ornata*
Sphaeloma punicea
Stagonospora gigantea
Stagonospora macrospora
 †*Stemphylium consortiale*
 †*Teichospora opuntiae*
 †*Tylenchorhynchus capitatus*
Uredo behnickiana

MOROCCO:

Coryneum microstictum
 †*Puccinia menthae* (?)
Septoria petroselinii

MOZAMBIQUE:

Phoma citricarpa
 †*Phyllachora sanguinolenta*
 †*Uromyces leptodermus*

NETHERLANDS:

†*Coniothecium glumarum*
Coniothyrium cytisellum
Coryneum microstictoides
Cumminsia mirabilissima
Diaporthe eres
Diplodia eurhododendri
Fusarium oxysporum f. *gladioli*
Fusicladium pyraeanthae
Fusicoccum galericulatum
 †*Gloeosporium album*
Gloeosporium rhododendri
 †*Hendersonia foliorum* var. *viburni*
 †*Hendersonia piriformis* (?)
Heterodera avenae
Heterodera punctata
Heterodera rostochiensis
Meloidogyne hapla
Monitina fructigena
 †*Monochaetia paeoniae*
 †*Phyllosticta hedericola*
Pratylenchus penetrans
Pratylenchus pratensis
Septoria azaleae
Thielaviopsis basicola
Tubercularia vulgaris
Urocystis gladiolicola

NETHERLANDS GUIANA:

†*Uredo nigropuncta* (?)

NEW GUINEA:

†*Mycosphaerella cattleyae*
 †*Myiocopron orchidearum*

NEW ZEALAND:

†*Heterodera cacti*

NIGERIA:

Scutellonema bradyi

NORFOLK ISLAND:

†*Chlamydomyces palmarum*
Cryptospora longispora
 †*Diaporthe eres*
Macrophoma araucariae

NORTHERN IRELAND:

†*Diaporthe eres*

NORWAY:

Cumminsia mirabilissima
 †*Gymnosporangium juniperi*
Heterodera punctata
 †*Phragmidium disciflorum*

PAKISTAN:

Phoma citricarpa

PALESTINE:

†*Alternaria dianthicola*

PANAMA:

†*Sphaerotheca humuli*
 †*Uredo guacae* (?)
 †*Uredo scabiei*

PERU:

Heterodera rostochiensis
 "Leprosis"
 †*Meloidogyne arenaria*

PHILIPPINES:

†*Colletotrichum arecae*
Phoma citricarpa
Xanthomonas citri (?)

PORTUGAL:

†*Coniothyrium genistae*
 †*Coniothyrium leguminum*
 †*Helicotylenchus erythrinae*
 †*Papularia vinosa*
 †*Uromyces junci*

PUERTO RICO:

†*Alternaria dauci*
 †*Cercospora apii*
Colletotrichum cajani
Colletotrichum capsici
Elsinoe phaseoli
 †*Phyllachora canafistulae*
Puccinia urbaniana
Uredo epidendri (?)
 †*Uredo guacae* (?)

ST. KITT'S:

Colletotrichum cajani

SALVADOR:

†*Phyllosticta pleurothallidis* (?)
 †*Uredo epidendri* (?)
Uredo guacae (?)
 †*Uredo oncidii*

SCOTLAND:

Helicotylenchus erythrinae
 †*Helicotylenchus nanus*
Heterodera major
Heterodera punctata
Heterodera rostochiensis

SPAIN:

Alternaria citri
Ditylenchus dipsaci
Heterodera major
 †*Heterodera schachtii*
Sclerotium cepivorum
Septoria citri

SWEDEN:

Heterodera major
 †*Heterodera schachtii*
 †*Papulaspora parasitica*

SWITZERLAND:

Chrysomyxa ledi var. *rhododendri*
 †*Torula rhododendri*

TAHITI:

†*Macrophoma musae*

Countries of Origin and Diseases—Continued

THAILAND:

†*Leptosphaeria salvinii**Meliola citricola*†*Meloidogyne arenaria*†*Meloidogyne javanica**Xanthomonas citri*

TURKEY:

†*Fusarium oxysporum* f. *narcissi* (?)

UNION OF SOUTH AFRICA:

‡*Didymellina ornithogali*†*Helicotylenchus nannus*†*Meloidogyne hapla*†*Meloidogyne incognita**Meloidogyne javanica**Phoma citricarpa**Puccinia ornithogali-thyrsoides**Septoria citri*

UNKNOWN:

*Coryneum carpophilum**Heterodera punctata**Phoma citricarpa*‡*Tylenchorhynchus martini**Uredo behnickiana*

WAKE ISLAND (?):

Epicoccum cocos

A dagger (†) indicates a first interception from the country named.

A double dagger(‡) indicates first record of its interception by Division inspectors.

1958

Issued June 1959

UNITED STATES DEPARTMENT OF AGRICULTURE

AGRICULTURAL RESEARCH SERVICE
PLANT QUARANTINE DIVISION

LIST OF INTERCEPTED PLANT PESTS, 1958

(List of Pests Recorded From July 1, 1957, Through June 30, 1958, as Intercepted In, On, or With Plants and Plant Products Entering United States Territory)

Compiled by
Judith Hunt
Plant Quarantine Aid

INTRODUCTION

This report, covering the 45th year for which interception lists have been issued, summarizes the records of insect pests, plant pathogens, and certain other organisms found in, on, or with plant products (1) imported; (2) offered for but refused entry; (3) held as ships' stores, etc., and hence not offered for entry through customs; (4) offered for entry for immediate transportation and exportation in bond; and (5) in domestic shipments between the American Virgin Islands, Hawaii, and Puerto Rico and the mainland.

The pests listed include insects, snails, fungi, bacteria, nematodes, and viruses causing injury of known or potential plant quarantine significance to the United States. Some common organisms are included if they are (1) new to the country of origin, (2) new to the host plant, or (3) of such limited distribution in the United States that they are worthy of mention.

The data for this list, which includes some for the previous year, are largely obtained from identifications made by specialists of the Entomology Research Division and Plant Quarantine Division, supplemented by information supplied by State officials. Some, however, represent critical studies and determinations made by specialists of the Crops Research Division who also identified many of the host plants cited.

All scientific names are reviewed by specialists in the Department to assure conformance to the International Rules of Nomenclature.

Every effort is made to give the correct origin for all collections listed; questionable cases are omitted or the origin is listed as unknown.

INTERCEPTIONS FROM AIRBORNE MATERIAL

Air importations from many parts of the world continue to bring an increasing number of viable plant pathogens, living insects, and other pests, which require constant vigilance to apprehend them at the ports of entry.

During the year, 5,502 pest interceptions were made from plant material arriving in baggage, express, freight, mail, and stores. Of the total, 4,898 were insects carried on plant parts or as stowaways, and 604 were plant diseases.

Some important insect interceptions in airborne material were:

Adoxophyes orana on lilac in cargo from the Netherlands.

The citrus blackfly (*Aleurocanthus woglumi*) on citrus leaves in baggage from Mexico and Nicaragua; and on citrus leaves in stores from Mexico.

The Mexican fruit fly (*Anastrepha ludens*) in mango in baggage from Mexico; in orange in baggage from Guatemala and Mexico; in orange in stores from Guatemala; and in pomegranate in baggage from Mexico.

The West Indian fruit fly (*Anastrepha mombinpraeoptans*) in guava in baggage from Mexico; in Malay-apple in baggage from Guatemala; in mango in baggage from Central America, Costa Rica, Cuba, Dominican Republic, El Salvador, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, and Puerto Rico; in mango in cargo from Cuba; in mango in mail from Puerto Rico; in purple mombin in baggage from El Salvador, Guatemala, Honduras, and Nicaragua; in purple mombin in quarters from Central America (country (?)); and in yellow mombin in baggage from Honduras(?) and Nicaragua. *A. mombinpraeoptans*(?) in yellow mombin in baggage from Trinidad.

Apion carduorum in globe artichoke in baggage from Italy.

The Mediterranean fruit fly (*Ceratitis capitata*) in cactus fruit in baggage from Italy; in coffee in preflight inspection of baggage leaving Hawaii for the mainland; in fig in baggage from Italy; in guava in baggage from the Azores and Portugal; in Mandarin orange in baggage from Israel and Libya; in mango in baggage from Egypt; in olive in baggage from Italy; in orange in baggage from the Azores, Israel, and Italy; in orange in quarters from the Azores; in orange in stores from the Azores and Italy; in peach in baggage from Italy and Tunisia and in peach in stores from Italy; in pear in baggage from Italy and in pear in stores from France(?); and in plum, pomegranate, and quince in baggage from Italy. *C. capitata*(?) in orange in baggage from Brazil; in orange in stores from Spain; and in sweet lime in stores from the Azores.

The Asiatic rice borer (*Chilo suppressalis*) in rice straw jackets in baggage from Portugal(?).

Cylas formicarius ssp. in sweetpotato in cargo from the Philippines; and in sweetpotato in quarters from Thailand.

Cylas formicarius var. in sweetpotato in cargo from the Philippines.

Cylas formicarius formicarius in sweetpotato in cargo from the Philippines and Thailand; and in sweetpotato in stores from the Philippines and Singapore.

The oriental fruit fly (*Dacus dorsalis*) in avocado, bitter almond, coffee, mango, *Passiflora* sp., and vi-apple in preflight inspection of baggage leaving Hawaii for the mainland; and in vi-apple in preflight inspection of mail leaving Hawaii for the mainland. *D. dorsalis*(?) in pomegranate in preflight inspection of baggage leaving Hawaii for the mainland.

The olive fruit fly (*Dacus oleae*) in olive in baggage from Italy. *D. oleae*(?) in olive on tray of hors d'oeuvres from an unknown origin.

Tahitian coconut weevil (*Diocalandra taitensis*) on coconut in preflight inspection of baggage leaving Hawaii for the mainland.

Malacosoma neustria in cherry cuttings in baggage from Japan.

Maruca testulalis with mauna loa lei in preflight inspection of baggage leaving Hawaii for the mainland; in peas in mail from Puerto Rico; and in string bean in baggage from Puerto Rico.

The pink bollworm (*Pectinophora gossypiella*) in cotton boll in baggage from Jamaica; in cottonseed in baggage from Cuba and Paraguay; in Malvaceae seed in cargo from Angola; and in okra in baggage from Barbados.

The European corn borer (*Pyrausta nubilalis*) in pepper in baggage from Italy; and in tomato in stores from Italy.

Rhagoletis cerasi in cherry in baggage from Belgium, Germany, Italy, Spain, and Switzerland; in cherry in quarters from France; and in cherry in stores from the Azores, France, Italy, Portugal, and an unknown origin.

Interceptions of airborne plant pathogens of interest were:

Cercospora coffeicola on coffee leaves in baggage from Brazil and El Salvador.

Cercospora insulana on statice in baggage from Peru.

Chrysomya ledi var. *rhododendri* on rhododendron leaves in baggage from Switzerland and in mail from Austria and Switzerland.

Colletotrichum crassipes on *Crataegus* sp. in baggage from El Salvador.

Curvularia geniculata on betel palm in express from Pakistan.

Elsinoe australis, the sweet orange scab, on lemon in baggage from an unknown

origin and in stores from Brazil; on orange in baggage from Brazil and an unknown origin; and on orange in stores from Argentina.

Phoma citricarpa (the black spot of citrus) on *Citrus* sp. peel in baggage from Hong Kong and the Philippines; on lemon in stores from Australia, the Union of South Africa, and an unknown origin; on Mandarin orange in baggage from China, Hong Kong, Japan, Philippines, and Thailand; on Mandarin orange in quarters from an unknown origin and in stores from Japan; on orange in baggage from an unknown origin; on orange in quarters from the Union of South Africa; on orange in stores from Australia, the Union of South Africa, and an unknown origin; and on Satsuma orange in baggage from China.

Puccinia horiana on chrysanthemum in baggage, quarters, and stores from Japan.

Septoria selenophomoides on an orchid leaf in cargo from the Union of South Africa.

Sphaceloma fawcettii var. *scabiosa* on lemon in stores from Australia.

Sphenospora kevorkianii on *Huntleya* sp. in baggage from Costa Rica.

Uromyces commelinae on *Geogenanthus* sp. leaf in cargo from Colombia.

Xanthomonas citri (citrus canker) on grapefruit(?) peel in baggage from Pakistan; on lime and sour lime in baggage from India; and on orange in baggage and stores from Japan.

"Yellow spot" virus on camellia leaf in baggage from the Netherlands.

The following nematodes were found in airborne material:

Gotholdsteineria goodeyi in soil with plants in baggage from Ireland.

Helicotylenchus erythrinae in soil with garlic in baggage from Ireland.

Helicotylenchus multicinctus in soil with roots of banana plants in baggage from Cuba.

Helicotylenchus nannus in soil on unknown roots in baggage from the Netherlands.

The oat nematode (*Heterodera avenae*) in soil with spruce seedlings in baggage from Germany.

The golden nematode (*Heterodera rostochiensis*) in soil with cactus plant in baggage from Scotland; in soil with assorted plants in baggage from Ireland; in soil with potatoes in baggage from Ireland and Peru; and in soil with shamrock roots in cargo from Ireland.

Scutellonema brachyurum in soil with unidentified plants in baggage from Greece.

Tylenchorhynchus acutus in soil with unknown plants in baggage from Cuba.

NOTES ON INSECTS INTERCEPTED

FRUIT FLIES

The following fruit flies were intercepted:

The Mexican fruit fly (*Anastrepha ludens*) in avocado in baggage from Mexico; in grapefruit in baggage and quarters from Mexico; in mamey sapote in baggage from Mexico; in mango in air baggage, baggage, and quarters from Mexico; in orange in air baggage and air stores from Guatemala; in orange in air baggage, baggage, cargo, quarters, and stores from Mexico; in peach in baggage from Mexico; in pomegranate in air baggage from Mexico; and in quince, sour orange, and sweet lime in baggage from Mexico.

The West Indian fruit fly (*Anastrepha mombinpraeoptans*) in guava in air baggage from Mexico; in Malay-apple in air baggage from Guatemala; in mango in air baggage from Central America (country(?)), Costa Rica, Cuba, Dominican Republic, El Salvador, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, and Puerto Rico; in mango in baggage from El Salvador, Haiti, Jamaica, Mexico, and Puerto Rico; in mango in aircargo from Cuba; in mango in airmail from Puerto Rico; in mango in quarters from Guatemala and Jamaica; in mango in stores from Costa Rica, Dominican Republic, Guatemala, Haiti, Jamaica, and Mexico; in purple mombin in air baggage from El Salvador, Guatemala, Honduras, and Nicaragua; in purple mombin in air quarters from Central America (country(?)); and in yellow mombin in air baggage from Honduras(?) and Nicaragua. *A. mombinpraeoptans*(?) in yellow mombin in air baggage from Trinidad.

Anastrepha serpentina in *Lucuma psammophila* in mail from Brazil; and in mamey sapote in baggage from Mexico.

Anastrepha striata(?) in guava in baggage from Mexico.

The Mediterranean fruit fly (*Ceratitidis capitata*) in cactus fruit in air baggage from Italy; in coffee in baggage from Hawaii; in fig in air baggage and baggage from Italy; in guava in air baggage from the Azores and Portugal; in lemon in baggage from Italy; in Mandarin orange in air baggage from Israel and Libya; in Mandarin orange in baggage from Italy; in Mandarin orange in mail from Tunisia; in Mandarin orange in stores from Italy; in mango in air baggage from Egypt; in olive in air baggage from Italy; in orange in air baggage from the Azores, Israel, and Italy; in orange in air quarters from the Azores; in orange in air stores from the Azores and Italy; in orange in quarters from Argentina and Italy; in orange in stores from Egypt, Israel, Italy, Lebanon, and Spain; in peach in air baggage from Italy and Tunisia; in peach in air stores from Italy; in pear in air baggage from Italy; in pear in air stores from France(?); in pear in baggage from Greece and Italy; in pear in stores from Greece, Italy, and Spain; in plum in air baggage from Italy; in pomegranate in air baggage and baggage from Italy; in pricklypear in baggage from Italy; in quince in air baggage from Italy; and in quince in baggage from Greece and Italy. *C. capitata*(?) in bell pepper in stores from Belgian Congo; in orange in air baggage from Brazil; in orange in air stores from Spain; in orange in stores from the Union of South Africa; and in sweet lime in air stores from the Azores.

The melon fly (*Dacus cucurbitae*) in balsam-pear in baggage from Hawaii; an adult and eggs on *Momordica* sp. in mail from Hawaii; and in string bean, tomato, and zucchini squash in stores from Hawaii. *D. cucurbitae*(?) in cucumber in stores from Hawaii.

The oriental fruit fly (*Dacus dorsalis*) in avocado in preflight inspection of baggage leaving Hawaii for the mainland; in avocado in quarters from Hawaii; in banana in baggage from an unknown origin; in banana in quarters and stores from Hawaii; in bitter almond in preflight inspection of baggage leaving Hawaii for the mainland; in *Calophyllum inophyllum* in mail leaving Hawaii for the mainland; in immature coconut in baggage from Hawaii; in coffee in preflight inspection of baggage leaving Hawaii for the mainland; in Malay-apple in mail leaving Hawaii for the mainland; in mango in baggage and quarters from Hawaii; in mango and *Passiflora* sp. in preflight inspection of baggage leaving Hawaii for the mainland; in tomato in stores from Hawaii; and in vi-apple in preflight inspection of mail leaving Hawaii for the mainland. *D. dorsalis*(?) in bitter almond in mail leaving Hawaii for the mainland; in coffee in preflight inspection of baggage leaving Hawaii for the mainland; in coffee in mail leaving Hawaii for the mainland; and in pomegranate in preflight inspection of baggage leaving Hawaii for the mainland.

The olive fly (*Dacus oleae*) in olive in baggage from Italy and Spain and in air baggage and mail from Italy. *D. oleae*(?) in olives on tray of hors d'oeuvres in air stores from an unknown origin.

Euleia heraclei(?) in celery in stores from Italy.

Rhagoletis cerasi in cherry in air baggage from Belgium, Germany, Italy, Spain, and Switzerland; in cherry in air quarters from France; in cherry in air stores from the Azores, France, Italy, Portugal, and an unknown origin; and in cherry in cargo from Italy.

Rhagoletis juglandis in black walnut in baggage from Mexico.

INSECTS OTHER THAN FRUIT FLIES

The following insects of unusual interest were intercepted:

Acrolepia assectella (Hyponomeutidae) in leek in stores from Belgium, France, Italy, and the Netherlands; and in turnip in stores from an unknown origin.

Adoxophyes orana (Tortricidae) with lilac in aircargo from the Netherlands.

The citrus blackfly (*Aleurocanthus woglumi*) on citrus leaves in air baggage from Mexico and Nicaragua; and on citrus leaves in baggage and stores from Mexico.

Aleurotrachelus camelliae (Aleyrodidae) on camellia cuttings and leaves in mail from Japan.

A curculionid, *Anthonomus rectirostris*, in black cherry in mail from Belgium.

Apion carduorum (Curculionidae) in globe artichoke in air baggage from Italy.

A noctuid, *Barathra brassicae*, in Chinese and petsai cabbage in stores from Japan.

Brachycerus albidentatus (Curculionidae) in garlic in cargo from Italy.

Bruchus tristis (Bruchidae) in bean and broadbean in baggage from Italy; in chickpea in baggage from Greece; in grass pea in mail from Italy; in legume seed

in air baggage from an unknown origin; and in lupine seed in baggage from Italy.

A coccid, *Ceroplastes rubens*, on *Alpinia purpurata* leaf in preflight inspection of air cargo leaving Hawaii for the mainland; on anthurium leaf in mail leaving Hawaii for the mainland; on camellia plants in baggage from Japan; on camellia plant in mail from Formosa; on cotoneaster plant and English ivy in air baggage from Japan; on finetooth holly in cargo from Japan; on gardenia in air baggage from Japan; on gardenia and maile in preflight inspection of air baggage leaving Hawaii for the mainland; on maile in mail leaving Hawaii for the mainland; on *Metrosideros collina* in preflight inspection of air baggage leaving Hawaii for the mainland; and on rhododendron in baggage from Japan.

The Asiatic rice borer (*Chilo suppressalis*) in rice straw in air baggage from Portugal(?); in rice straw in baggage from Korea; and in rice straw in baggage, cargo, and stores from Japan.

Conotrachelus aguacatae (Curculionidae) in avocado in baggage and quarters from Mexico.

Curculio elephas (Curculionidae) in chestnut in air baggage from Greece, Italy, and Portugal; in chestnut in baggage from Greece, Italy, Portugal, and Spain; in chestnut in cargo from Italy; in chestnut in mail from Italy; in chestnut in quarters from Turkey; in chestnut in stores from France, Italy, and Portugal; in European oak in cargo from Italy; in holly oak in mail from Italy; and in acorn in baggage from Italy.

A curculionid, *Cylas formicarius formicarius*, in sweetpotato in air cargo from the Philippines and Thailand; in sweetpotato in cargo from Hong Kong and Thailand; in sweetpotato in quarters from an unknown origin; and in sweetpotato in stores from India, Philippines, and Singapore.

Cylas puncticollis (Curculionidae) in sweetpotato in stores from Nigeria and Sierra Leone.

An aleyrodid, *Dialeurodes kirkaldyi*, on Arabian jasmine in preflight inspection of baggage leaving Hawaii for the mainland; on Arabian jasmine in baggage from the Philippines; on gardenia in baggage from Hawaii; and on star jasmine in preflight inspection of baggage leaving Hawaii for the mainland.

Diaprepes abbreviatus (Curculionidae) on *Pothos* sp. in air cargo from Puerto Rico.

A pyraustid, *Dichocrocis punctiferalis*, in peach in quarters from Japan.

Dyspessa ulula (Cossidae) in garlic in cargo from Italy and Spain; and in garlic in stores from Spain.

Epichorista ionephela (Tortricidae) with chinkerichee in baggage, cargo, and mail from the Union of South Africa.

An olethreutid, *Gymnandrosoma aurantianum*, in grapefruit in stores from Mexico.

Lampides boeticus (Lycaenidae) in leis made of *Canavalia* sp. in preflight inspection of baggage leaving Hawaii for the mainland.

An olethreutid, *Laspeyresia splendana*, in chestnut in air baggage from Italy and Portugal; in chestnut in baggage from the Azores, France, Greece, Italy, Philippines, Portugal, and Spain; in chestnut in cargo from Italy; and in chestnut in stores from France.

Leucinodes orbonalis (Pyraustidae) in eggplant in stores from Nigeria.

Lobesia botrana(?) (Olethreutidae) in grape in baggage from Italy.

Malacosoma neustria (Lasiocampidae) in cherry cuttings in air baggage from Japan.

A phalaenid, *Mamestra brassicae*, in cabbage in stores from Belgium.

A bean pod borer, *Maruca testulalis*, in leis made of *Canavalia* sp. in preflight inspection of baggage leaving Hawaii for the mainland; in civet bean in stores from Hawaii; in pea in air mail from Puerto Rico; in pigeonpea in cargo leaving Puerto Rico for the mainland; in string bean in preflight inspection of baggage leaving Puerto Rico for the mainland; in string bean in cargo and airmail from Puerto Rico; and in string bean in stores from Brazil, Ghana, and Japan.

An olethreutid, *Olethreutes leucotreta*, in grapefruit in stores and in orange in air quarters from the Union of South Africa.

Prays endocarpa (Hyponomeutidae) in pummelo in stores from the Federation of Malaya.

Prays oleelus (Hyponomeutidae) on olive leaf in air baggage from Italy.

A chrysomelid, *Psylliodes chrysocephala*, in turnip in stores from France.

Stephanoderes hampei (Scolytidae) in coffee in cargo from Brazil; and in coffee in stores from Egypt and India.

A mango weevil, *Sternochetus mangiferae*, in mango in air baggage from Australia; in mango in preflight inspection of baggage leaving Hawaii for the mainland; in mango in airmail from Guam, Philippines, and Vietnam; in mango in air quarters from Eniwetok(?); in mango in air stores from Vietnam; in mango in baggage from Hawaii and the Philippines; in mango in mail leaving Hawaii for the mainland; and in mango in quarters and stores from Hawaii.

The khapra beetle (*Trogoderma granarium*) with almond shells and cashew nuts in mail from India; with used bagging in cargo from the Netherlands; with dried beans in stores from the Netherlands; in flour in stores from England, Italy, Netherlands, and the Union of South Africa; with dried peaches in stores from an unknown origin; with peanuts in airmail from Portugal; with rice in stores from Brazil, China, Formosa, and an unknown origin; on old rice bags in stores from India; and in wheat bran in baggage from Mexico.

SNAILS

The giant African snail (*Achatina fulica*) was intercepted twice with military cargo from Morocco.

Porphyrobaphe iostoma, not in the United States and not injurious under normal conditions, was intercepted six times with bananas in cargo from Ecuador.

Theba pisana, an injurious snail not known to be established in the United States, was intercepted 33 times; 28 of these came in military cargo in aircargo and cargo from Morocco; once in military cargo in aircargo from Libya; once in general cargo from the Mediterranean region; once each on conex boxes in cargo from Morocco and Spain; and once on parsley in stores from Spain.

Other snails of economic importance, but of limited distribution in the United States, intercepted and worthy of mention were: *Arion circumscriptus*, *Bradybaena similis*, *Cepaea nemoralis*, *Deroceras reticulatum*, *Limax marginatus*, *L. maximus*, *Milax gagates*(?), *Orychilus allarius*, *Vallonia pulchella*, and *Zonitoides arboreus*.

NOTES ON DISEASES INTERCEPTED

The sweet orange scab (*Elsinoe australis*) was intercepted 51 times; 8 of these interceptions came from Argentina on lemon and orange; 39 from Brazil on grapefruit, lemon, Mandarin orange, and orange; and 4 were of unknown origin on lemon, orange, and sour lime.

Citrus canker (*Xanthomonas citri*) was intercepted 79 times; 68 of these came from Japan, 3 each from Hong Kong and India, 2 from China, and 1 each from the Federation of Malaya, Pakistan, and Singapore. These interceptions were made from the following hosts: *Citrus* sp., grapefruit, lemon, lime, Mandarin orange, orange, pummelo, sour lime, and sour orange.

Cancrosis B (*Xanthomonas* sp.), another bacterial disease of citrus, producing symptoms similar to citrus canker, was intercepted four times from Argentina on lemon and grapefruit.

The black spot of citrus (*Phoma citricarpa*) was intercepted 165 times; 45 of these came from Hong Kong, 33 from the Union of South Africa, 25 from Japan, 21 from China, 16 from Australia, 14 of unknown origin, 2 each from the Federation of Malaya, Formosa, Philippines, and Singapore, and 1 each from Africa (country(?)), Brazil, and Thailand. These interceptions were made on the following hosts: *Citrus* sp., grapefruit, lemon, Mandarin orange, orange, Satsuma orange, sour lime, and sour orange.

Other interceptions were:

Chrysomyxa ledi var. *rhododendri* on rhododendron in air baggage, airmail, cargo, and mail from Switzerland; in airmail from Austria; and in baggage from Canada and Germany.

Griphosphaeria corticola on rose canes in aircargo from Germany.

Tilletia contraversa on rye seed in mail from Afghanistan.

Urocystis gladiolicola on gladiolus corms in cargo from the Netherlands.

"Yellow spot" virus on camellia leaves in air baggage from the Netherlands.

NEMATODES

The oat nematode (*Heterodera avenae*) was intercepted 18 times from the following countries: Czechoslovakia, England, Europe (country(?)), Germany, Israel, Italy, and Spain. These interceptions were taken in soil with the following: Automobiles, carnation, cypress, and juniper plants, dahlia roots, garlic, onions, *Ornithogalum saundersiae*, potatoes, primrose plant, spruce seedlings, and unknown plants.

The golden nematode (*Heterodera rostochiensis*) was intercepted 48 times from the following countries: Argentina, Denmark, England, Germany, Ireland, Malta, Mexico, Peru, Scotland, and Sweden. These interceptions were taken in soil from new and used automobiles and in soil with bulbs, plant material, and vegetables.

Other nematodes of special interest were:

Gotholdsteineria goodeyi in soil with unknown plants in air baggage from Ireland.

Helicotylenchus erythrinae in soil with garlic in air baggage from Ireland and in soil with unknown plants in baggage from Mexico.

Helicotylenchus multicinctus in soil with roots of banana plants in air baggage from Cuba.

Helicotylenchus nannus in soil with begonia, carnation, coleus, mint, and unknown plants and unknown herbs in baggage from Mexico; and in soil with unknown roots in air baggage from the Netherlands.

Psilenchus hilarulus with bougainvillea, hibiscus, cactus, coleus, fern, and herbaceous plants in baggage from Mexico.

Scutellonema christiei in soil with caladium plants, palm, and an unknown plant in baggage from Trinidad.

Tylenchorhynchus acutus in soil with coleus plant in baggage from Mexico; and in soil with unknown plants in air baggage from Cuba.

Tylenchorhynchus capitatus in soil with succulent and unknown plants in baggage from Mexico.

Tylenchorhynchus martini in soil with boraginaceous and India rubber tree plants in baggage from Mexico.

Tylenchulus semipenetrans with *Citrus* sp. tree in baggage from Italy.

Tylenchus davaini in soil and moss in mail from Germany.

Tylenchus polyhyppus with bougainvillea and hibiscus plants in baggage from Mexico.

The genus *Meloidogyne* continues to represent a pest problem. During the year various plant shipments and vegetables have been found infected with one or more of the following species: *Meloidogyne arenaria*, *M. hapla*, *M. incognita*, *M. incognita acrita*, and *M. javanica*. They were intercepted from the following countries: Argentina, Australia, Bermuda, Brazil, Canada, Canal Zone, Colombia, Cuba, Egypt, England, Fiji Islands, France, French West Africa, Germany, Guatemala, Hawaii, India, Israel, Italy, Jamaica, Japan, Kenya, Mexico, Netherlands, New Guinea, Peru, Puerto Rico, Singapore, Trinidad, Union of South Africa, and West Africa.

INCOMPLETELY DETERMINED PESTS

Frequently complete determinations as to species are impossible or impracticable due to the stage or condition of the insects or pathogens on arrival. Some of these pests may be of economic importance, hitherto unreported from the United States, unknown for the host plant, or they may come from a new country of origin. As a matter of record they are included in this separate list but not in the table form.

INSECTS

Among the incompletely determined insects were the following fruit flies:

Anastrepha sp., possibly *fraterculus*, at Charleston, S.C., in orange in stores from Brazil; and at Miami, Fla., in cherimoya in air baggage from Peru.

Anastrepha sp., probably *ludens*, at El Paso and Laredo, Tex., in orange in baggage from Mexico; at Nogales, Ariz., in mango in baggage from Mexico; at Progreso, Tex., in pear in baggage from Mexico; and at San Ysidro, Calif., in mango in baggage from Mexico.

Anastrepha sp., probably *mombinpraeoptans*, at Brownsville, Tex., in mango in air baggage from El Salvador and Nicaragua; in purple mombin in air baggage from Guatemala and Nicaragua; and in *Psidium* sp. (wild guava) in baggage from El Salvador; at Charleston, S.C., in mango in air baggage from Panama; at Jacksonville, Fla., in mango in stores from Panama; at Miami, Fla., in mango in air baggage from Colombia and Panama; and in Mandarin orange in air stores from Peru; at Mobile, Ala., in mango in quarters from Trinidad; at New Orleans, La., in guava in air baggage from Guatemala; in mango in baggage

and quarters from Ecuador; and in purple mombin in air baggage from Central America (country(?)) and Guatemala; and at San Juan, P.R., in mango in air baggage from Barbados.

Anastrepha sp., probably *serpentina*, at Brownsville, Tex., in mamey sapote in air baggage from Guatemala; and in sapodilla in air baggage from El Salvador; and at Laredo, Tex., in mamey in baggage from Mexico.

Anastrepha sp., probably *striata*, at Brownsville, Tex., in guava in air baggage from Costa Rica, El Salvador, and Nicaragua; and in guava in baggage from Mexico; at Calexico, Calif., in guava in baggage from Mexico; at Laredo, Tex., in guava in baggage from Mexico; at Miami, Fla., in mango in air baggage from Panama; and at Nogales, Ariz., in guava in baggage and cargo from Mexico.

Anastrepha sp., possibly *suspensa* (Loew), at Chicago, Ill., in guava in airmail from Puerto Rico; at Miami, Fla., in custard-apple in air baggage from the Dominican Republic; and in guava in air baggage from Cuba.

Anastrepha sp., at Baltimore, Md., in grapefruit in stores from Trinidad; and in orange in stores from Brazil and Colombia; at Baton Rouge, La., in orange in stores from Brazil; at Boston, Mass., in grapefruit, orange, and plum in stores from Brazil; at Brownsville, Tex., in guava in air baggage from El Salvador; in Malay-apple in air baggage from Costa Rica; in mango in air baggage from El Salvador, Guatemala, and Panama; and in sapote in quarters from Mexico; at Chicago, Ill., in guava in airmail from Puerto Rico; at Del Rio, Tex., in mango in baggage from Mexico; at El Paso, Tex., in guava and mango in baggage from Mexico; at Galveston, Tex., in mango in quarters from Jamaica; at Hidalgo, Tex., in orange in cargo from Mexico; at Houston, Tex., in orange in stores from Peru; and in Japanese plum in stores from Argentina; at Jacksonville, Fla., in grapefruit in stores from Brazil; at Laredo, Tex., in mamey sapote, mango, and pear in baggage from Mexico; at Miami, Fla., in bullock's-heart in air baggage from Ecuador; in *Cereus* sp. in air baggage from Colombia; in cherimoya in air baggage from Ecuador; in coffee berries in air baggage from Brazil, Colombia, and Costa Rica; in custard-apple in air baggage from Peru; in grapefruit in air baggage from Colombia; in guava in air baggage from Costa Rica and Cuba; in Mandarin orange in air stores from an unknown origin; in mango in air baggage from Chile, Colombia, El Salvador, and Peru; in orange in air baggage from Colombia; in orange in air stores from Brazil; in pomegranate in air baggage from Argentina; in purple mombin in cargo from Costa Rica; and in *Ximenia americana* in air baggage from Colombia and Nicaragua; at New Orleans, La., in orange in stores from Mexico; in purple mombin in air baggage from Guatemala; in star-apple in air baggage from Mexico; and in tropical almond in air baggage from Venezuela; at New York, N.Y., in mango in air baggage from Jamaica; in orange in air stores from an unknown origin; in sapodilla in air quarters from Venezuela; and in *Spondias* sp. in baggage from Venezuela; at Nogales, Ariz., in guava, mango, *Myrtus ehrenbergii*, and orange in baggage from Mexico; at Philadelphia, Pa., in orange in stores from Brazil; at San Juan, P.R., in coffee berries in air baggage from Brazil; in grapefruit in baggage from Trinidad; and in *Spondias* sp. in air baggage from Venezuela; at San Pedro, Calif., in guava in air baggage from Nicaragua; at San Ysidro, Calif., in mango in baggage from Mexico; at Tampa, Fla., in mango in quarters from Cuba; and in orange in stores from Argentina; and at Washington, D.C., in *Psidium* sp. in express from Brazil.

Dacus sp., possibly *passiflorae* Frogg., at Honolulu, Hawaii, in Tahiti-chestnut in air baggage from the Fiji Islands.

Dacus sp., perhaps *psidii* (Frogg.), at Honolulu, Hawaii, in Tahiti-chestnut in air baggage from American Samoa.

Dacus sp. at Boston, Mass., in cucumber and squash in stores from French West Africa; at Honolulu, Hawaii, in coffee berry in preflight inspection of air baggage leaving Hawaii for the mainland; and in peach in baggage from Australia; and at New York, N.Y., in *Citrus* sp., probably *reticulata*, in air baggage from Pakistan.

Rhagoletis sp., probably *cerasi*, at Boston, Mass., in cherry in air stores from an unknown origin.

Rhagoletis sp. at Brownsville, Tex., in apple in baggage from Mexico; and in *Crataegus* sp. in baggage from Mexico; at Del Rio and Eagle Pass, Tex., in apple in baggage from Mexico; at El Paso, Tex., in *Crataegus* sp. in baggage from Mexico; at Galveston, Tex., in apple in stores from Mexico; at Laredo, Tex., in apple in baggage from Mexico; at New York, N.Y., in apple in stores from Mexico; at Nogales, Ariz., in apple and *Crataegus* sp. in baggage from Mexico; and at San Antonio, Tex., in apple in air baggage from Mexico.

Thirty interceptions identified to family only, Tephritidae, were intercepted at the following ports: Baltimore, Md., in mango in stores from India; at Baton Rouge, La., in orange in stores from an unknown origin; at Boston, Mass., in cucumber in stores from French West Africa; in guava in air baggage from the Azores; and with mixed cut flowers in air baggage from France; at Brownsville, Tex., in apple in baggage from Mexico; and in mango in air baggage from Nicaragua; at Hoboken, N.J., in franchet cotoneaster in mail from Italy; and in palm fruit in mail from Borneo; at Honolulu, Hawaii, in coffee berry, guava, and vi-apple in preflight inspection of baggage leaving Hawaii for the mainland; at Jacksonville, Fla., in courbaril seed and seed of *Enterolobium cyclocarpum* in baggage from Panama; at Laredo, Tex., in pecan husk in baggage from Mexico; at Miami, Fla., in chayote in air baggage from Brazil; and in quince in air stores from Peru; at New Orleans, La., in sour orange in stores from Colombia; at New York, N.Y., in cucurbit in air stores from an unknown origin; in cotton boll in baggage from Greece; and in pricklypear in baggage from Italy; at Nogales, Ariz., pupa with yucca plant in cargo from Mexico; at San Antonio, Tex., in Mandarin orange in air baggage from Mexico; at San Francisco, Calif., in cucumber in stores from Hawaii; and in mango in baggage from Hawaii; and at Washington, D.C., in *Solanum tuberosum* fruit in mail from Chile.

An adult of *Tephritis* sp. at New York, N.Y., in hay packing in baggage from Norway.

Other incompletely determined insects worthy of mention were:

An aleyrodid, Aleyrodicinae, new genus near *Aleyrodicus*, at Laredo, Tex., on orchid leaf in cargo from Mexico; and at Nogales, Ariz., on orchid leaf in cargo from Mexico.

Allocorhynus sp. (Curculionidae), a very interesting group, apparently confined to cycads, at Brownsville, Tex., in *Dion edule* in cargo from Mexico.

Alydus sp. (Coreidae), new to the National Museum collection, at Charlotte Amalie, St. Thomas, with cabbage in baggage from Tortola.

Anthonini (Curculionidae), near *Anthonus*, a very interesting weevil, not in the National Museum collection, at New York, N.Y., with ginger in cargo from Cuba.

Andrector sp., probably *salvini* (Baly) (Chrysomelidae), at New York, N.Y., with peas in aircargo from Venezuela.

Andrector sp., probably *variabilis* Jac. (Chrysomelidae), at San Pedro, Calif., on an orchid plant in mail from the Canal Zone.

Archips sp. (Tortricidae) at Boston, Mass., with canna plants in baggage from Italy.

Aspidiotus sp. (Coccidae), not placed as a described species, was intercepted eight times at six different ports on fruits and plant material from the following countries: Brazil, China, Ecuador, Ghana, and Mexico.

Asterolecanium sp. (Aleyrodidae), apparently undescribed, at Miami, Fla., on palm leaf in airmail from the Canal Zone.

Aulacaspis sp. (Coccidae), an undescribed species, at Hoboken, N.J., on pseudobulb of *Coelogyne* sp. in cargo from India.

Baris sp. (Curculionidae) at Baltimore, Md., in horseradish in cargo from Germany; and at New York, N.Y., in horseradish in cargo from Poland.

Batrachedra sp. (Cosmopterygidae), probably a new species, at Brownsville, Tex., with *Yucca* sp. cuttings in baggage from Mexico; and at San Ysidro, Calif., with agave cuttings in baggage from Mexico.

Brachyrhinus sp. (Curculionidae) at New York, N.Y., in soil with primrose plants in baggage from Belgium.

Bruchus sp. (Bruchidae), apparently new to the National Museum collection, at Boston, Mass., in *Lathyrus* sp. seed in air baggage from the Azores.

Bryobia sp. (Tetranychidae), apparently a new species, at Seattle, Wash., on chrysanthemum in quarters from Japan.

Carpocapsa sp. (Carposinidae) at Hoboken, N.J., in kobus magnolia seed in cargo from Japan; and at New York, N.Y., in unknown berries in baggage from Greece.

Crioceris sp. (Chrysomelidae) at Chicago, Ill., on asparagus fern in air baggage from Germany; and on asparagus fern in air quarters from England.

Diaprepes sp. (Curculionidae) at New York, N.Y., in yam in baggage from Jamaica; and at San Juan, P.R., in cargo leaving for the mainland.

Epicaerus sp. (Curculionidae) was intercepted 18 times at 9 different ports in potatoes in baggage and stores from Mexico.

An eriophyid mite, apparently undescribed genus and species, at Boston, Mass., on a beech cutting in air baggage from England.

"*Eulia*" sp. (Tortricidae) at New York, N.Y., in grape, nectarine, peach, and plum in cargo from Chile.

Gnorimoschema sp. (Gelechiidae), probably a new species and not any of the species heretofore associated with potato, at Mobile, Ala., in potato in stores from Honduras.

Gymnandrosoma sp. (Olethreutidae) at New Orleans, La., in genip in air baggage from Guatemala and in orange in quarters from Brazil; at Miami, Fla., in guava in air baggage from Cuba and in mangrove plant in air baggage from Grand Cayman; at Nogales, Ariz., in *Byrsonima crassifolia* in baggage from Mexico; and in guava in preflight inspection of baggage leaving San Juan, P.R., for the mainland.

Lepidosaphes sp. (Coccidae), not known to occur in the United States, at Washington, D.C., on *Angraecum compactum* in mail from England.

Leptinotarsa sp. (Chrysomelidae), new to the National Museum collection, at Brownsville, Tex., on banana in cargo from Mexico.

Ligyrocoris sp. (Lygaeidae), very unusual and not in the National Museum collection, at New Orleans, La., on banana in cargo from Ecuador.

Lixus sp. (Curculionidae) at Baltimore, Md., in beet in cargo from Algeria; at New Orleans, La., in beet in stores from England; and at Philadelphia, Pa., in beet in stores from Egypt and in celery in stores from Morocco.

Myrmex sp. (Curculionidae) at Honolulu, Hawaii, on *Epidendrum stenopetalum* stem in airmail from the Canal Zone.

Palaeopus sp. (Curculionidae) at New Orleans, La., in yam in air baggage from Jamaica; and at New York, N.Y., in yam in air baggage from Jamaica.

Premnotrypes sp. (Curculionidae) at Galveston, Tex., in potato in stores from Ecuador; at New Orleans, La., in potato in stores from Peru; and at New York, N.Y., in *Solanum* sp. tuber in baggage from Peru.

Pseudococcus sp. (Coccidae), not placed as a described species, was intercepted 32 times at 9 different ports on various plant material from the following countries: Azores, Brazil, Canal Zone, Costa Rica, Cuba, England, France, Guatemala, Indonesia, Jamaica, Marshall Islands, Mexico, Monaco, Panama, and Philippines.

Spermophagus sp. (Bruchidae) at Houston, Tex., with *Ipomoea pes-caprae* seed in air baggage from Liberia.

DISEASES

Incompletely determined pathogens worthy of mention were:

Asterina sp., apparently undescribed, at San Francisco, Calif., on *Banksia ericifolia* in aircargo from Australia.

Cercospora sp. at San Juan, P.R., on *Wedelia trilobata* leaf in air baggage from British Guiana.

Colletotrichum sp. at Brownsville, Tex., on *Reinhardtia* sp. leaf in cargo from Mexico.

Cytospora sp. at San Francisco, Calif., and Seattle, Wash., on tree peonies in cargo from Japan.

Guignardia sp. at New Orleans, La., on tropical almond leaf in air baggage from Cuba.

Helminthosporium sp. at Miami, Fla., on *Epidendrum stenopetalum* leaf in aircargo from Panama.

Hendersonia sp. at Nogales, Ariz., on *Calocarpum* sp. and sapote in baggage from Mexico.

Leptosphaeria sp., probably undescribed, at Miami, Fla., on bromeliad leaf in aircargo from the Canal Zone.

Monochaetia sp.(?) at Nogales, Ariz., on *Lucuma* sp. in baggage from Mexico.

Phomopsis sp., probably the "A" spores, at Washington, D.C., on bougainvillea plant in mail from Portugal; *Phomopsis* sp., apparently undescribed, at San Pedro, Calif., on *Persea* sp. in air baggage from Guatemala.

Phyllostictina sp. at New Orleans, La., on tropical almond leaf in air baggage from Cuba.

Puccinia sp., apparently undescribed, at Miami, Fla., on *Oncidium* sp. leaf in aircargo from Ecuador; *Puccinia* sp. at Miami, Fla., on *Oncidium* sp. leaf in air baggage from Mexico.

Septoria sp. at New Orleans, La., on anthurium flower petal in quarters from Trinidad(?); at Houston, Tex., on lily in air baggage from Mexico; and at Washington, D.C., on *Quaresmeira roza* in air express from Brazil.

NEMATODES

Aphelenchoides sp. at Boston, Mass., with Chinese vegetables in cargo from Hong Kong; with unknown greens in air stores from Italy; with unknown plants, in soil with gladiolus corms, and in soil with unknown bulbs and roots in air baggage from the Azores; in unknown roots in air baggage from England; and in soil with parsnips and turnips in stores from the Canary Islands; at Brownsville, Tex., in *Hypochoeris* sp. in air baggage from Argentina; at El Paso, Tex., in soil with amaryllis bulbs, hydrangea, and various plants in baggage from Mexico; at Hoboken, N.J., in colchicum corms in cargo from the Netherlands; and in primrose seed in mail from England; at Laredo, Tex., in chrysanthemum roots in baggage from Mexico; at New Orleans, La., in garlic in transiting cargo from Mexico; at New York, N.Y., in *Dicentra* sp. and *Trollius* sp. roots in aircargo from the Netherlands; at Nogales, Ariz., in soil with bougainvillea and assorted unknown plants in baggage from Mexico; and at Norfolk, Va., in soil with palm plants in baggage from Trinidad.

Aphelenchus sp. at Baltimore, Md., in soil with leeks in stores from Denmark; at Boston, Mass., in soil with bulbs, roots, and unknown plants in air baggage from the Azores; at Brownsville, Tex., in lily roots in baggage from Mexico; at Calexico, Calif., in *Euphorbia* sp. roots in baggage from Mexico; at El Paso, Tex., in soil with amaryllis bulbs and *Gasteria* sp. in baggage from Mexico; at Hoboken, N.J., in dahlia roots in mail from Germany; at Laredo, Tex., in chrysanthemum roots in baggage from Mexico; at Miami, Fla., in soil on roots of banana in air baggage from Cuba; and in soil on roots of unknown plant in air baggage from Argentina; at Nogales, Ariz., in soil with coleus and unknown plants in baggage from Mexico; and at Norfolk, Va., in soil with caladium plant in baggage from Trinidad.

Criconea sp. at Laredo, Tex., in soil with an unknown plant in baggage from Mexico; and at Seattle, Wash., in soil with a dwarf sweet lime tree in baggage from Japan.

Criconea sp. at Laredo, Tex., in soil with mango seedling in baggage from Mexico; at Miami, Fla., in soil on cactus roots in air baggage from Chile; and at New Orleans, La., in soil with mint roots in air baggage from Honduras.

Ditylenchus sp. at Boston, Mass., in dasheens in stores from Cuba; at Brownsville, Tex., in soil with *Chamaedorea* sp. plants in baggage from Mexico; at Calexico, Calif., in garlic in baggage from Mexico; at Hoboken, N.J., in colchicum corms in cargo from the Netherlands; and in hop roots in airmail from Germany; and at New Orleans, La., in garlic in cargo from Mexico.

Gottholdsteineria sp. at Boston, Mass., in garlic in stores from France; at Eagle Pass, Tex., in unknown plant in baggage from Mexico; and at Laredo, Tex., in soil with dahlia roots in mail from Germany.

Helicotylenchus sp. at Boston, Mass., in soil with callas, citrus, *Mesembryanthemum* sp., miscellaneous plants, and sedum in air baggage from the Azores; in soil with grape and oleander cuttings in air baggage from Italy; in soil with ivy plants in air baggage from Germany; in soil with petrea flat wood in air baggage from the Union of South Africa; and in soil with spruce tree in baggage from Canada; at Brownsville, Tex., with bougainvillea and royal poinciana plants in baggage from Mexico; in soil with *Chamaedorea* sp. plants in air baggage from Nicaragua; at Eagle Pass, Tex., with unknown plant in baggage from Mexico; at El Paso, Tex., with peperomia plant in baggage from Mexico; at Laredo, Tex., in lemon grass roots, in soil for analysis, and in soil with begonia, gardenia, and succulent plants, and roots of unknown plants in baggage from Mexico; in soil with dracaena plants in express from Cuba; and with unknown plants in baggage and cargo from Mexico; at Miami, Fla., in soil on banana roots and roots of miscellaneous plants in air baggage from Cuba; in soil near roots of coffee plants in air baggage from Guatemala; in soil with fern roots in airmail from Bolivia; and in soil near roots of *Pilea* sp. in air baggage from Peru; at New Orleans, La., in soil with mint roots in air baggage from Honduras; at Nogales, Ariz., in soil with lily bulbs in baggage from Mexico; at Presidio, Tex., in soil with cactus and portulaca plants in baggage from Mexico; at San Juan, P.R., in soil with philodendron plants in air baggage from Puerto Rico; and at Washington, D.C., in soil with olive trees in mail from Italy.

Hemicycliophora sp. at Nogales, Ariz., in soil with lily bulbs in baggage from Mexico.

Heterodera sp., possibly *trifolii* (Goffart) Oostenbrink, at San Pedro, Calif., in soil with shamrock roots in aircargo from Ireland.

Other members of the genus *Heterodera* were intercepted 208 times at 26 ports from the following countries: Argentina, Austria, Azores, Belgium, Cape Verde Islands, Chile, Denmark, Egypt, England, France, Germany, Iceland, Ireland, Italy, Japan, Korea, Malta, Mexico, Morocco, Netherlands, New Zealand, Northern Ireland, Norway, Poland, Scotland, Spain, Sweden, Switzerland, and Turkey. These interceptions were made from soil samples, sand ballast, and soil with the following: New and used automobiles, army equipment, bark, cereal straw jackets, conch boxes, flower bulbs, roots, and tubers, gladiolus corms, lily-of-the-valley pips, old bagging, plants, on shoes, and vegetables.

Hoplolaimus, new species, at Laredo, Tex., in soil with philodendron plants in baggage from Mexico.

Hoplolaimus sp. at Boston, Mass., with unknown plants and in soil with arborvitae plants in air baggage from the Azores.

Meloidogyne sp. probably new species closely related to *brevicauda* Loos, at New York, N.Y., with yams in baggage from Nigeria.

Meloidogyne sp. at Boston, Mass., in dasheens in air baggage from the Azores and Portugal and in stores from Cuba; at Hoboken, N.J., in *Achimenes* sp. tubers in mail from India; in calla lily tubers in cargo from Italy; in astilbe roots in cargo from the Netherlands; in clematis roots in mail from England and in cargo from the Netherlands; in *Curcuma roscoeana* and *C. zedaria* tubers in mail from the Netherlands; in *Kaempferia* spp. tubers in cargo and mail from India and the Netherlands; in Japanese iris roots in cargo from Japan; in peony roots in cargo from the Netherlands and in mail from England; in *Reichsteineria macropoda* roots in cargo from the Netherlands; and in *Thomsonia nepalensis* tubers and in tuberose in mail from India; at Laredo, Tex., in begonia tubers, coriander roots, and ivy roots in baggage from Mexico; at Miami, Fla., in soil with *Aphelandra* sp. roots in aircargo from the Netherlands; in soil with cactus roots in air baggage from Chile; and in soil with *Pittosporum* sp. roots in aircargo from the Netherlands; at New Orleans, La., in potatoes in stores from Italy and Japan; at New York, N.Y., in *Achimenes* sp. tubers in aircargo from India; and in gladiolus corms in cargo from Japan; at Nogales, Ariz., in soil with unknown plants in baggage from Mexico; at San Diego, Calif., in yam in stores from Japan; and at San Pedro, Calif., in dahlia roots in cargo from Japan.

Pratylenchus sp. at Boston, Mass., in soil with dasheens in air baggage from Portugal; at Douglas, Ariz., in soil sample in air baggage from Mexico; at El Paso, Tex., in soil with mint plants in baggage from Mexico; at Hoboken, N.J., in clematis roots in cargo from the Netherlands and in mail from England; in fortune plantain lily roots in cargo from the Netherlands; in iris roots in mail from England and the Netherlands and in cargo from Japan; in *Ligularia clivorum* roots in mail from England; and in roots of *Physostegia* sp., western bleedingheart, and yucca in cargo from the Netherlands; at Laredo, Tex., in chrysanthemum roots in baggage from Mexico; at New York, N.Y., in Kamchatka bugbane roots in aircargo from the Netherlands; at Nogales, Ariz., in soil with lily bulbs in baggage from Mexico; and at San Francisco, Calif., in lily-of-the-valley pips in cargo from Denmark.

Psilenchus sp. at El Paso, Tex., in soil with plants in baggage from Mexico; and at Nogales, Ariz., in soil with caladium tubers in baggage from Mexico.

Radopholus sp., near *gracilis* (de Man) Hirschmann, at Boston, Mass., in water-chestnuts in cargo from Hong Kong.

Radopholus sp. at Boston, Mass., in unknown roots in stores from Egypt.

Rotylenchulus sp. at Norfolk, Va., in soil with palm plants in baggage from Trinidad.

Rotylenchus sp. at Boston, Mass., in soil with *Arctostaphylos* sp. plant in baggage from Ireland; in soil with narcissus bulbs in aircargo and in soil with petrea flat wood in air baggage from the Union of South Africa; and in soil with tulip bulbs in mail from Germany; at Hoboken, N.J., in *Cladrastis* sp. roots in cargo from the Netherlands; at Laredo, Tex., in sansevieria roots in cargo from Mexico; and at Miami, Fla., in soil near roots of *Pilea* sp. in air baggage from Peru.

Scutellonema sp., near *bradys*, at Boston, Mass., in soil with begonia(?) plant in quarters from Belgian Congo.

Scutellonema sp. at Laredo, Tex., in soil with gardenia plants in baggage from Mexico; and at Nogales, Ariz., in soil with amaryllis bulbs in baggage from Mexico.

Tylenchorhynchus sp. at Baltimore, Md., in soil with leeks in stores from Denmark and the Netherlands; at Boston, Mass., with unknown flowering plants in air baggage from Greece; at Brownsville, Tex., with *Chamaedorea* sp. plants, *Pilea* sp. plants, and royal poinciana in baggage from Mexico; at Nogales, Ariz., in soil with bromeliad plants in baggage from Mexico; at Washington, D.C., in soil with olive trees in mail from Italy; and at Ysleta, Tex., in soil with portulaca plants in baggage from Mexico.

Tylenchus sp. at Boston, Mass., in soil with fern asparagus and "Spider" plant in air baggage from Germany; in soil with heather in air baggage from Scotland; and in soil with oleander plant in air baggage from Italy; at Brownsville, Tex., with bougainvillea plant in baggage from Mexico; at Douglas, Ariz., in soil sample in air baggage from Mexico; at El Paso, Tex., in soil with poinsettia and unknown plants in baggage from Mexico; at Laredo, Tex., with begonia tuber in baggage from Mexico; at Miami, Fla., in soil on roots of anthurium in air baggage from Colombia; in soil with roots of *Aphelandra* sp. in aircargo from the Netherlands; in soil on cactus roots in air baggage from Chile; and in soil on unknown plant roots in air baggage from Argentina; at Nogales, Ariz., in soil with bean plants, bromeliad plants, lily bulbs, and an unknown plant in baggage from Mexico; at Norfolk, Va., in rice straw rug in cargo from Japan; and in soil with palm plants in baggage from Trinidad; at San Antonio, Tex., in soil with wandering-jew plant in air baggage from Mexico; and at Ysleta, Tex., in soil with portulaca plant in baggage from Mexico.

Xiphinema sp. at Laredo, Tex., with lily bulbs and in soil around roots of royal poinciana plant in baggage from Mexico; and at Nogales, Ariz., in soil with an unknown plant in baggage from Mexico.

Summary of Numbers of Interceptions Listed in Main Table

Country	Insect	Disease	Country	Insect	Disease
	Number	Number		Number	Number
Africa:			Australasia—Continued		
Africa (country (?))	0	2	Tahiti	4	0
Algeria	3	0	West Pacific	3	0
Anglo-Egyptian Sudan	1	0	Europe:		
Angola	1	0	Austria	1	1
Belgian Congo	1	0	Azores	14	1
Canary Islands	2	0	Belgium	16	6
Cape Verde Islands	1	0	British Isles	0	1
Egypt	5	1	Czechoslovakia	0	1
Ethiopia	0	1	Denmark	4	3
French West Africa	6	5	England	57	63
Ghana	1	0	England(?)	0	1
Kenya	3	3	Europe (country(?))	0	2
Liberia	1	0	Finland	1	0
Libya	2	0	France	50	7
Madeira Islands	1	0	France(?)	1	0
Mediterranean Region	1	0	Germany	34	27
Morocco	32	0	Greece	22	4
Nigeria	3	0	Ireland	9	7
Rhodesia	1	0	Italy	284	43
Sierra Leone	1	0	Malta	0	1
Tanganyika	1	0	Monaco	1	0
Tunisia	4	0	Netherlands	55	50
Union of South Africa	25	45	Northern Ireland	1	0
West Africa	0	1	Norway	1	2
Asia:			Poland	4	0
Afghanistan	0	1	Portugal	37	7
Ceylon	2	0	Portugal(?)	1	0
China	7	30	Scotland	14	8
Formosa	26	2	Spain	35	8
Federation of Malaya	4	3	Sweden	8	2
Hong Kong	10	49	Sweden(?)	1	0
India	20	11	Switzerland	5	37
India(?)	1	0	Yugoslavia	3	0
Indonesia	7	0	North America:		
Iran	5	0	Bermuda	15	4
Israel	10	3	Canada	8	10
Japan	558	275	Canal Zone	68	8
Japan(?)	3	0	Central America:		
Korea	2	0	British Honduras	13	3
Lebanon	7	0	Central America (country		
Nepal	1	0	(?))	3	1
New Caledonia	1	0	Costa Rica	29	16
Pakistan	0	2	El Salvador	41	3
Singapore	5	5	Guatemala	48	8
Thailand	6	1	Honduras	16	3
Turkey	1	1	Nicaragua	19	1
Vietnam	2	0	Panama	61	5
Australasia:			Panama(?)	1	0
American Samoa	1	4	Mexico	578	382
Australia	35	37	West Indies:		
Australia(?)	1	0	American Virgin Islands	2	0
Christmas Island	0	1	Antigua	4	0
Eniwetok(?)	1	0	Aruba	1	0
Fiji Islands	4	1	Bahamas	24	2
Guam	17	2	Barbados	10	0
Hawaii	583	8	British West Indies	2	0
Kwajalein	2	0	Cuba	73	16
Marshall Islands	1	0	Dominican Republic	23	3
Midway Islands	1	0	Eleuthera Island	1	0
New Guinea	2	4	Grand Cayman	1	0
New Zealand	2	5	Grenada	1	0
Norfolk Island	0	7	Haiti	11	0
Palmyra Island	2	0	Jamaica	52	5
Philippines	34	2	Martinique	1	0
Ponape	2	0	Puerto Rico	30	7
South Pacific	2	0	St. Kitts	2	0
Sumatra	1	0	St. Lucia	1	0

Summary of Numbers of Interceptions Listed in Main Table—Continued

Country	Insect	Disease	Country	Insect	Disease
	<i>Number</i>	<i>Number</i>		<i>Number</i>	<i>Number</i>
North America—Continued			Total:		
West Indies—Continued			Africa.....	96	58
Tortola.....	6	0	Asia.....	678	383
Trinidad.....	25	8	Australasia.....	698	71
South America:			Europe.....	659	282
Argentina.....	9	16	North America.....	1,170	485
Bolivia.....	1	0	South America.....	255	94
Brazil.....	45	62	Unknown.....	25	25
British Guiana.....	6	1			
Chile.....	69	0	Total.....	3,581	1,398
Colombia.....	17	3	Total incompletely deter-		
Ecuador.....	78	2	mined pests.....	2,279	688
Paraguay.....	1	0			
Peru.....	7	5	Total insect interceptions.....	5,860	-----
Surinam.....	0	1	Total disease interceptions.....	-----	2,086
Uruguay.....	0	1	Grand total.....	-----	¹ 7,946
Venezuela.....	22	3			

¹ This total represents only pests of known or potential plant quarantine importance or certain organisms of scientific importance. The total of all interceptions made during the year was 18,198.

NOTE.—Interceptions were also made from Borneo, Burma, Dominica, Gibraltar, Greenland, Guadeloupe, Iceland, Iraq, Marquesas Islands, Nevis, St. Martin, St. Michael, Somaliland, Swaziland, Syria, Union of Soviet Socialist Republics, Virgin Islands, and Wales.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Acalymma trivittata</i> (Mann.) (Chrysomelidae):					
<i>Brassica rapa</i> (turnip).....	Mexico.....	1			Tex.
<i>Acalypta brunnea</i> (Germ.) (Tingidae):					
<i>Saintpaulia ionantha</i> (African violet).....	Germany.....		1		Ill.
<i>Acanthoscelides armitagei</i> (Pic) (Bruchidae):					
<i>Cajanus cajan</i> (pigeonpea).....	Aruba, Panama.....	2			N.Y.
<i>Acanthoscelides griseolus</i> (Fall.) (?) (Bruchidae):					
<i>Sesbania</i> sp.....	Mexico.....	1			Calif.
<i>Acanthoscelides spinipes</i> (Er.) (Bruchidae):					
<i>Lupinus</i> sp. (lupine).....	Italy.....	1			N.Y.
<i>Vicia faba</i> (broadbean).....	do.....	1			N.Y.
<i>Aceria macrochelus</i> (Nal.) (Eriophyidae):					
<i>Acer</i> sp. (maple).....	France.....		1		Mass.
<i>Aceria tulipae</i> (Keif.) (Eriophyidae):					
<i>Allium sativum</i> (garlic).....	Poland.....	1			Mass.
<i>Achatina fulica</i> Fer. (Mollusca):					
Military cargo.....	Guam.....	2			Calif.*
<i>Acletra fraterno</i> (Stal) (Pentatomidae):					
<i>Vitis</i> sp. (grape).....	Chile.....	1			N.Y.
<i>Aclerda yunnanensis</i> Ferris (Coccidae):					
Grass.....	Philippines.....	1			Calif.*
<i>Acrolepia assectella</i> (Zell.) (Hyponomeutidae):					
<i>Allium porrum</i> (leek).....	Belgium, France, Italy, Netherlands.....	5			Pa.
<i>Brassica rapa</i> (turnip).....	Unknown.....	1			La.
<i>Acrosternum heegeri</i> (Fieber) (Pentatomidae):					
<i>Citrus sinensis</i> (orange).....	Israel.....	1			N.Y.
<i>Adleria kollari</i> (Htg.) (Cynipidae):					
<i>Quercus cerris</i> (European Turkey oak).....	Italy.....	1			N.Y.
<i>Adoretus sinicus</i> (Burm.) (Scarabaeidae):					
Airplane.....	Hawaii, Japan, unknown.....		4		Hawaii.
Baggage.....	Hawaii.....	1			Hawaii.
Beans.....	do.....	1			Hawaii.
Flowers.....	do.....	1			Hawaii.
<i>Operculina tuberosa</i>	do.....	1			Hawaii.
Mail parcel.....	do.....	1			Hawaii.
<i>Adoxophyes orana</i> (F.R.) (Tortricidae):					
<i>Syringa</i> sp. (lilac).....	Netherlands.....	2			N.Y.
<i>Aganactes indecora</i> Dyar (Galleriidae):					
<i>Cassia fistula</i> (golden-shower).....	Trinidad, Venezuela.....	1	2		Fla., N.Y., P.R.
<i>Cassia</i> sp.....	Cuba, Trinidad.....	1	1		N.Y.
<i>Agonozena argaula</i> Meyr. (Agonozenidae):					
<i>Cocos nucifera</i> (coconut).....	Palmyra Islands.....		1		Hawaii.
<i>Agrotis exusta</i> (Btlr.) (Noctuidae):					
Airplane.....	Japan.....		1		Hawaii.
<i>Aleurocanthus woglumi</i> Ashby (Aleyrodidae):					
<i>Citrus aurantifolia</i> (lime).....	Mexico.....		1		Calif.*
<i>Citrus aurantium</i> (sour orange).....	Nicaragua.....	1			Tex.
<i>Citrus sinensis</i> (orange).....	Mexico.....	5			Ariz., Tex.
<i>Citrus</i> sp.....	Mexico, Nicaragua.....	9			Ariz., Tex.
<i>Aleuroglandulus emmae</i> Rsl. (Aleyrodidae):					
Orchid.....	Mexico.....		1		Tex.
<i>Aleurolobus olivinus</i> Silvestri (Aleyrodidae):					
<i>Olea europaea</i> (olive).....	Italy.....	1			N.Y.
<i>Aleuroparadoxus gardeniae</i> Rsl. (Aleyrodidae):					
<i>Gardenia augusta</i> (gardenia).....	Mexico.....	1			Tex.
<i>Aleuroplatus plumosus</i> (Q.) (Aleyrodidae):					
<i>Laurus nobilis</i> (Greek laurel).....	England.....		1		Mass.
<i>Aleuroplatus variegatus</i> Q. & B. (Aleyrodidae):					
<i>Collinia elegans</i>	Mexico.....	1			Tex.
<i>Aleurothrips floccosus</i> (Mask.) (Aleyrodidae):					
<i>Citrus sinensis</i> (orange).....	Brazil, Mexico.....	1	2		Calif.,* Pa., Tex.
<i>Citrus</i> sp.....	Dominican Republic, Mexico, Nicaragua.....	4			P.R., Tex.
<i>Aleurothrips myrtacei</i> Bondar (Aleyrodidae):					
<i>Citrus sinensis</i> (orange).....	Brazil.....		1		Pa.
<i>Aleurotrachelus camelliae</i> (Kuw.) (Aleyrodidae):					
<i>Camellia japonica</i> (camellia).....	Japan.....		1		D.C.
<i>Camellia sasanqua</i> (sasanqua camellia).....	do.....		4		D.C.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued
 [An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Aleurotuberculatus aucubae</i> (Kuw.) (Aleyrodidae):					
<i>Ilex crenata</i> (Japanese holly)	Japan			1	D.C.
<i>Aleurotuberculatus magnoliae</i> Takah. (Aleyrodidae):					
<i>Corylopsis spicata</i>	do			1	D.C.
<i>Aleurotuberculatus similis</i> Takah. (Aleyrodidae):					
<i>Ilex crenata</i> (Japanese holly)	do			4	D.C.
<i>Ilex integra leucoclada</i>	do			1	D.C.
<i>Ilex rugosa</i>	do			2	D.C.
<i>Ilex sugeroki</i>	do			2	D.C.
<i>Vaccinium azillare</i>	do			1	D.C.
<i>Aleyrodes ioniceræ</i> Wlk. (Aleyrodidae):					
<i>Fragaria</i> sp. (strawberry)	Germany			1	N.Y.
Soil with unknown plant	Austria			1	N.Y.
<i>Amblycephalus spectrus</i> (Dist.) (Cicadellidae):					
Airplane	Japan(?)		1		Hawaii.
<i>Amitermes wheeleri</i> (Desme) (Termitidae):					
Cactus	Mexico			1	Tex.
<i>Amphelasma decoratum</i> (Jac.) (Chrysomelidae):					
Orchid	do			1	Ariz.
<i>Amyssonotum rastratum flexum</i> McA. & Mall. (Pentatomidae):					
<i>Pleurothallis</i> sp. (orchid)	do			1	Tex.
<i>Anacraga sofia</i> Dyar (Dalceraeidae):					
Orchid	do			1	Tex.
<i>Anaphothrips orchidaceus</i> Bagn. (Thripidae):					
<i>Laelia anceps</i> (orchid)	do			1	Tex.
<i>Anastrepha ludens</i> (Loew) (Tephritidae):					
<i>Calocarpum sapota</i> (mamey sapote)	do	1			Tex.
<i>Citrus aurantifolia</i> (sweet lime)	do	10			Ariz., Tex.
<i>Citrus aurantium</i> (sour orange)	do	1			Tex.
<i>Citrus paradisi</i> (grapefruit)	do	10	1		La., Tex.
<i>Citrus sinensis</i> (orange)	Guatemala, Mexico	62	11		Ala., Ariz., Fla., La., N.Y., Pa., Tex.
<i>Cydonia oblonga</i> (quince)	Mexico	7			Tex.
<i>Mangifera indica</i> (mango)	do	70	1		Ala., Ariz., Calif., Tex.
<i>Persea americana</i> (avocado)	do	1			Tex.
<i>Prunus persica</i> (peach)	do	1			Tex.
<i>Punica granatum</i> (pomegranate)	do	1			Tex.
<i>Anastrepha mombinpraeoptans</i> Sein (Tephritidae):					
<i>Eugenia malaccensis</i> (Malay-apple)	Guatemala	1			Tex.
<i>Mangifera indica</i> (mango)	Central America, Costa Rica, Cuba, Dominican Republic, El Salvador, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico.	101	8		Ala., Ariz., Calif., Calif., Fla., Ill., La., Md., N.Y., P.R., S.C., Tex.
<i>Psidium guajava</i> (guava)	Mexico	1			Fla.
<i>Spondias mombin</i> (yellow mombin)	Honduras(?), Nicaragua	3			Calif.*
<i>Spondias purpurea</i> (purple mombin)	Central America, El Salvador, Guatemala, Honduras, Nicaragua.	12	1		La., Tex.
Unknown	Mexico			1	Tex.
<i>Anastrepha mombinpraeoptans</i> Sein (?) (Tephritidae):					
<i>Spondias mombin</i> (yellow mombin)	Trinidad	1			Fla.
<i>Anastrepha serpentina</i> (Wied.) (Tephritidae):					
<i>Calocarpum sapota</i> (mamey sapote)	Mexico	2			Calif.
<i>Lucuma psammophila</i>	Brazil			2	D.C.
<i>Anastrepha striata</i> Schin. (?) (Tephritidae):					
<i>Psidium guajava</i> (guava)	Mexico	1			Ariz.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Ancylostoma stercorea</i> (Zell.) (Phycitidae):					
Bean	Panama	1			Fla.
<i>Cajanus cajan</i> (pigeonpea)	Bahamas, Dominican Republic, Panama, Puerto Rico, St. Kitts, Tortola.	25			Fla., N.Y., St. Thomas and St. John.
<i>Pisum sativum</i> (pea)	Bahamas, Panama	6			Fla.
<i>Andrector atrofasciata</i> (Jac.) (Chrysomelidae):					
<i>Tillandsia</i> sp.	Mexico		1		Tex.
<i>Andrector ruficornis</i> (Oliv.) (Chrysomelidae):					
Bean	Cuba	1			Fla.
<i>Anoecia corni</i> (F.) (Aphidae):					
<i>Cornus</i> sp.	England		1		D.C.
<i>Anomala orientalis</i> Waterh. (Scarabaeidae):					
Baggage	Hawaii	1			Hawaii.
<i>Anthonomus rectirostris</i> (L.) (Curculionidae):					
<i>Prunus serotina</i> (black cherry)	Belgium		1		N.J.
<i>Antonina graminis</i> (Mask.) (Coccidae):					
<i>Cynodon</i> sp.	Tanganyika		1		D.C.
<i>Panicum purpurascens</i> (para grass)	Philippines		1		D.C.
<i>Aonidiella citrina</i> Coq. (Coccidae):					
Orchid	Jamaica		1		Fla.
<i>Aonidiella comperei</i> Mask. (Coccidae):					
<i>Jasminum</i> sp. (jasmine)	do		1		Fla.
<i>Aonidiella inornata</i> McKenzie (Coccidae):					
<i>Citrus grandis</i> (pummelo)	Philippines	1			Hawaii.
<i>Citrus limon</i> (lemon)	India		1		D.C.
<i>Citrus reticulata</i> (Mandarin orange)	Guam	2			Calif.,* Hawaii.
<i>Cocos nucifera</i> (coconut)	do	4	1		Hawaii.
<i>Cycas</i> sp.	Philippines		1		Calif.*
<i>Aonidiella lauretorum</i> (Ldgr.) (Coccidae):					
<i>Ilex latifolia</i>	Portugal		1		D.C.
<i>Apion carduorum</i> Kirby (Curculionidae):					
<i>Cynara scolymus</i> (globe artichoke)	Italy	1			Mass.
<i>Apion griseum</i> Sm. (Curculionidae):					
<i>Phaseolus vulgaris</i> var. (string bean)	Mexico	2			Tex.
<i>Araecerus levipennis</i> Jord. (Anthribidae):					
<i>Leucaena glauca</i>	Hawaii	29			Hawaii
<i>Arge pullata</i> (Zadd.) (Argidae):					
<i>Betula</i> sp. (birch)	Finland		1		N.Y.
<i>Argyresthia conjugella</i> (Zell.) (Hyponomeutidae):					
<i>Malus sylvestris</i> (apple)	England, Germany, Ireland, Italy, Sweden, unknown.	5	3		N.Y., Tex.
<i>Arion circumscriptus</i> Johnston (Mollusca):					
Soil with fir trees	Canada		1		N.J.
Soil with gladiolus bulbs	Germany		1		N.J.
Soil with unknown plant	Italy		1		N.Y.
<i>Aspidiotus aesculi</i> Johns. (Coccidae) (tentative):					
Unknown twig	Mexico	1			Ariz.
<i>Aspidiotus abietis</i> (Schränk) (Coccidae):					
<i>Tsuga</i> sp. (hemlock)	Sweden(?)	1			Mass.
<i>Aspidiotus aharonii</i> Bod. (Coccidae):					
<i>Ceratonia siliqua</i> (carob)	Israel		1		D.C.
<i>Aspidiotus australiensis</i> Kuw. (Coccidae):					
<i>Dendrobium undulatum</i> (orchid)	Australia		1		Hawaii.
<i>Aspidiotus cryptomeriae</i> Kuw. (Coccidae):					
<i>Cryptomeria japonica</i>	Japan		1		D.C.
<i>Aspidiotus degeneratus</i> (Leon) (Coccidae):					
<i>Camellia japonica</i> (camellia)	do		2		D.C., Hawaii.
<i>Camellia</i> sp.	Japan, Portugal		3		D.C., Hawaii.
<i>Aspidiotus destructor</i> Sign. (Coccidae):					
<i>Bambusa</i> sp.	Japan		1		Calif.*
<i>Camellia sinensis</i> (tea)	do		1		D.C.
<i>Cocos nucifera</i> (coconut)	Canal Zone, Costa Rica, Jamaica, Mexico, Panama	6			Ariz., Calif.,* Fla.
<i>Cyrtopodium</i> sp. (orchid)	British Guiana		1		N.J.
Leaf—unknown	Barbados	1			Mass.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued
 [An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Aspidiotus destructor</i> Sign. (Coccidae)—Con.					
<i>Licuala grandis</i> (palm)	Cuba			1	Fla.
<i>Mangifera indica</i> (mango)	Singapore			1	Fla.
<i>Nipa</i> sp. (palm)	Tahiti			1	Hawaii.
Orchid	Canal Zone, Jamaica, Japan.		1	2	Calif.,* Fla.
Palm	Philippines			1	Calif.*
<i>Prunus amygdalus</i> (almond)	Mexico	1			Tex.
<i>Rhapis</i> sp.	Japan			1	Calif.*
<i>Terminalia catappa</i> (bitter almond)	Mexico	1			Tex.
<i>Trachelospermum asiaticum</i>	Japan			1	D.C.
<i>Aspidiotus excisus</i> Green (Coccidae):					
<i>Osmanthus fragrans</i>	do			1	D.C.
<i>Pachysandra terminalis</i> (Japanese pachysandra)	do			2	D.C.
<i>Aspidiotus herculeanus</i> Ckll. & Hadden (Coccidae):					
<i>Erythrina fusca</i>	Fiji Islands			1	D.C.
<i>Aspidiotus mairai</i> (Bal.) (Coccidae):					
<i>Cytisus hirsutus</i>	France			1	D.C.
<i>Aspidiotus mendax</i> McKenzie (Coccidae):					
<i>Odontoglossum grande</i> (orchid)	Gautemala			1	Calif.*
<i>Aspidiotus palmae</i> Ckll (Coccidae):					
<i>Cinnamomum cassia</i>	Indonesia			1	D.C.
<i>Cocos nucifera</i> (coconut)	Mexico	1			Calif.*
<i>Dendrobium victoriae reginae</i> (orchid)	Philippines			1	Hawaii.
<i>Jasminum multiflorum</i>	Australia	1			Hawaii.
<i>Myristica fragrans</i> (nutmeg)	St. Lucia			1	Fla.
Orchid	Costa Rica, Guatemala			2	Fla.
<i>Aspidiotus populorum</i> Marl. (Coccidae) (tentative):					
<i>Phoradendron flavescens</i> (mistletoe)	Mexico	1			Tex.
<i>Aspidiotus pseudomeyeri</i> Kuw. (Coccidae):					
<i>Thuja</i> sp. (arbovitae)	Japan		1		Hawaii.
<i>Asterobemisia carpinii</i> (Koch) (Aleyrodidae):					
<i>Rubus</i> sp.	France		9		Mass., N.Y.
<i>Asterolecanium bambusae</i> (Bdv.) (Coccidae):					
Bamboo	Venezuela			1	N.Y.
<i>Asterolecanium epidendri</i> (Bouche) (Coccidae):					
<i>Broughtonia</i> sp. (orchid)	Jamaica			2	Fla.
<i>Cattleya</i> sp. (orchid)	Brazil, Venezuela			3	Fla., N.J.
<i>Epidendrum</i> sp. (orchid)	Cuba			1	Fla.
<i>Oncidium pulchellum</i> (orchid)	Jamaica			1	Hawaii.
<i>Oncidium</i> sp.	Brazil			1	Fla.
Orchid	Bahamas, Brazil, British Honduras, Canal Zone, Costa Rica, Cuba, Guatemala, Jamaica, Mexico, Panama.		1	21	Ariz., Fla., Mass.
<i>Asterolecanium miliaris</i> (Bdv.) (Coccidae):					
Bamboo	Cuba	1			Fla.
<i>Asterolecanium miliaris miliaris</i> (Bdv.) (Coccidae):					
Bamboo	Trinidad, Venezuela	1		1	Fla., N.Y.
<i>Asterolecanium miliaris robustum</i> Green (Coccidae):					
Bamboo	Antigua	1			Mass.
<i>Asterolecanium petrophilae</i> (Fuller) (Coccidae):					
<i>Grevillea pilulifera</i>	Australia	1			Fla.
<i>Athesapeula cyperi</i> Mshl. (Curculionidae):					
<i>Vanda</i> sp. (orchid)	Hawaii	4			Hawaii.
<i>Aulacaspis latissimus</i> (Ckll.) (Coccidae):					
<i>Distylium racemosum</i>	Japan			1	D.C.
<i>Aulacaspis madiunensis</i> (Zehnt.) (Coccidae):					
<i>Saccharum officinarum</i> (sugarcane)	New Guinea			1	D.C.
<i>Aulacaspis mangiferae</i> Newst. (Coccidae):					
<i>Mangifera indica</i> (mango)	El Salvador, Philippines	4			Calif.*
<i>Aulacaspis tubercularis</i> Newst. (Coccidae):					
<i>Mangifera indica</i> (mango)	El Salvador, Mexico	4			Calif., Tex.
<i>Azeta versicolor</i> (F.) (Noctuidae):					
Airplane	Panama		1		Fla.
<i>Barathra brassicae</i> (L.) (Noctuidae):					
<i>Brassica chinensis</i> (Chinese cabbage)	Japan		1		La.
<i>Brassica pekinensis</i> (petsai)	do		1		Wash.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Batrachedra linaria</i> Clarke (Cosmopterygidae):					
Agave sp.	Mexico			1	Calif.
<i>Bemisia citricola</i> Gomez-Menor (?) (Aleyrodidae):					
Citrus reticulata (Mandarin orange)	Italy	1			Mass.
<i>Bemisia tabaci</i> (Genn.) (Aleyrodidae):					
Hibiscus sp.	Haiti			1	Fla.*
<i>Blastophagus piniperda</i> (L.) (Scolytidae):					
Abies sp. (fir)	Sweden	1			Mass.
<i>Blissus pulchellus</i> Mont. (Lygaeidae):					
Chrysanthemum sp.	Mexico	1			Ariz.
<i>Bostrychophilus cornutus</i> (Oliv.) (Bostrychidae):					
Palm	Kenya	1			Va.
<i>Bouhelia maroccana</i> Bal. (Coccidae):					
Muscari comosum (cipollino)	Morocco	1			N.Y.
<i>Brachycerus albidentatus</i> Gyll. (Curculionidae):					
Allium sativum (garlic)	Italy		1		N.Y.
<i>Brachycerus algerus</i> F. (Curculionidae):					
Allium sativum (garlic)	Italy, Spain	14	1		N.Y., P.R., Tex.
<i>Brachyrhinus ovatus</i> (L.) (Curculionidae):					
Soil with fir trees	Canada			1	N.J.
<i>Brachyrhinus porcatius</i> (Hbst.) (Curculionidae):					
Rosaceous shrubs	Germany			1	N.Y.
<i>Bradybaena similis</i> (Fer.) (Mollusca):					
Alpinia purpurata	Hawaii	1			Hawaii.
Anthurium sp.	do.	3			Hawaii.
Cordylone terminalis (ti)	do.	3			Hawaii.
<i>Esenbeckia leiocarpa</i>	do.			1	D.C.
Flowers	Hawaii	1			Hawaii.
Orchid	do.	1			Hawaii.
Peperomia sp.	Brazil		1		Mass.
Selaginella sp.	do.			1	D.C.
Soil with amaryllis bulb	Bermuda			1	Mass.
<i>Vanda joaquimiae</i> (orchid)	Hawaii	2			Hawaii.
<i>Vanda</i> sp.	do.	5			Hawaii.
With anthurium and vanda flowers	do.	1			Hawaii.
<i>Brevipalpus obovatus</i> Donn. (Tenuipalpidae):					
Hedera sp. (ivy)	Germany			1	Mass.
Ichroma coccineum	Portugal			1	D.C.
Michelia fuscata	Brazil			1	D.C.
Pittosporum undulatum	do.			1	D.C.
<i>Brevipalpus oncidii</i> Baker (Tenuipalpidae):					
Orchid	England			1	D.C.
<i>Brevipalpus phoenicia</i> (Geijskes) (Tenuipalpidae):					
Alocasia cucullata	France			1	D.C.
Citrus sinensis (orange)	Canary Islands		1		Fla.
Orchid	Panama			1	Fla.
Stanhopea sp. (orchid)	Canal Zone			1	Fla.
<i>Bruchus ervi</i> Froel. (Bruchidae):					
Lens culinaris (lentil)	Italy, Lebanon	5		1	N.Y., Oreg.
<i>Bruchus guttalis</i> Rey (?) (Bruchidae):					
Vicia sativa (vetch)	Portugal	1			N.Y.
<i>Bruchus luteicornis</i> Ill. (Bruchidae):					
Vicia sativa (vetch)	Cape Verde Islands, Sumatra	1		1	D.C., Mass.
<i>Bruchus signaticornis</i> Gyll. (Bruchidae):					
Lens culinaris (lentil)	Italy	5			N.Y.
<i>Bruchus tristis</i> Boh. (Bruchidae):					
Bean	do.	1			N.Y.
Cicer arietinum (chickpea)	Greece			1	N.Y.
Lathyrus sativus (grass pea)	Italy			1	N.Y.
Legume	Unknown	1			N.Y.
Lupinus sp. (lupine)	Italy	2			N.Y.
Vicia faba (broadbean)	do.	2			N.Y.
<i>Bryobia cristata</i> (Duges) (Tetranychidae):					
Chrysanthemum sp.	Japan			1	Wash.
Flowers	do.		1		Wash.
<i>Bucculatrix thurberiella</i> Busck (Lyonetidae):					
Gossypium sp. (cotton; boll)	Mexico	1			Ariz.
<i>Callidium rufipenne</i> Mots. (Cerambycidae):					
Packing case with artificial flowers	Japan	1			N.Y.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Calligrapha labyrinthica</i> Stal (Chrysomelidae):					
Bromeliad.....	Mexico.....			1	Tex.
<i>Callosobruchus phaseoli</i> (Gyll.) (Bruchidae):					
<i>Crotalaria spectabilis</i>	Union of South Africa.....			1	D.C.
<i>Phaseolus</i> sp.....	Japan.....		1		Calif.*
<i>Vicia faba</i> (broadbean).....	Egypt.....	1			N.Y.
With foodstuff, grain, nuts, and assorted seeds.....	India.....	1			N.Y.
<i>Carposina niponensis</i> Wal. (Carposinidae):					
<i>Malus sylvestris</i> (apple).....	Japan.....		4		Va., Wash.
<i>Caryedon fuscus</i> (Goeze) (Bruchidae):					
<i>Arachis hypogaea</i> (peanut).....	Portugal.....	1			N.Y.
<i>Cassia javanica</i> (appleblossom senna).....	Hawaii.....	1			Hawaii.
<i>Cassia</i> sp.....	do.....	1			Hawaii.
<i>Pisum sativum</i> (pea).....	India.....		1		Ala.
<i>Tamarindus indica</i> (tamarind).....	Hawaii.....	2			Hawaii.
<i>Vanda</i> sp. (orchid).....	do.....	1			Hawaii.
<i>Caryedon fuscus</i> (Goeze) (?) (Bruchidae):					
<i>Peltophorum africanum</i>	Rhodesia.....			1	N.J.
<i>Cenaeus pectoralis</i> (Stal) (Pyrrhocoridae):					
<i>Protea</i> sp.....	Union of South Africa.....	1			N.Y.
<i>Cenopalpus pulcher</i> (C. & F.) (Tenuipalpidae):					
<i>Buxus</i> sp. (box).....	Portugal.....		1		Mass.
<i>Cepaea nemoralis</i> (L.) (Mollusca):					
Dunnage with automobiles.....	Germany.....	1			Calif.*
<i>Petroselinum crispum</i> (parsley).....	do.....		1		Pa.
<i>Ceratitis capitata</i> (Wied.) (Tephritidae):					
Cactus.....	Italy.....	1			Mass.
<i>Citrus limon</i> (lemon).....	do.....	1			N.Y.
<i>Citrus reticulata</i> (Mandarin orange).....	Israel, Italy, Libya, Tunisia.....	10	1		N.J., N.Y., S.C.
<i>Citrus sinensis</i> (orange).....	Argentina, Azores, Egypt, Israel, Italy, Lebanon, Spain.....	3	16		Fla., Md., Mass., N.J., Pa., S.C., Tex., Va.
<i>Coffea arabica</i> (Arabian coffee).....	Hawaii.....	24			Calif.*
<i>Cydonia oblonga</i> (quince).....	Greece, Italy.....	7			Hawaii.
<i>Ficus carica</i> (fig).....	Italy.....	2			N.Y.
<i>Mangifera indica</i> (mango).....	Egypt.....	1			Ill., N.Y.
<i>Olea europaea</i> (olive).....	Italy.....	1			N.J.
<i>Opuntia humifusa</i> (pricklypear).....	do.....	8			Mass.
<i>Prunus domestica</i> (plum).....	do.....	1			N.Y.
<i>Prunus persica</i> (peach).....	Italy, Tunisia.....	2	1		Mass.
<i>Psidium guajava</i> (guava).....	Azores, Portugal.....	3			Mass., N.Y.
<i>Punica granatum</i> (pomegranate).....	Italy.....	2			Mass.
<i>Pyrus communis</i> (pear).....	France(?), Greece, Italy, Spain.....	4	4		N.Y.
<i>Ceratitis capitata</i> (Wied.) (?) (Tephritidae):					
<i>Capsicum frutescens grossum</i> (bell pepper).....	Belgian Congo.....		1		Mass., N.Y.
<i>Citrus aurantifolia</i> (sweet lime).....	Azores.....		1		Pa.
<i>Citrus sinensis</i> (orange).....	Brazil, Spain, Union of South Africa.....	1	2		Fla., Mass.
<i>Ficus carica</i> (fig).....	Italy.....		1		Mass.
<i>Cercanota anonella</i> (Sepp) (Stenomidae):					
<i>Annona</i> sp.....	Brazil.....		1		N.Y.
<i>Cerestum unicolor</i> (F.) (Cerambycidae):					
Airplane.....	Guam.....		1		Hawaii.
<i>Ceronema japonica</i> Mask. (?) (Coccidae):					
<i>Ilex crenata</i> (Japanese holly).....	Japan.....			1	D.C.
<i>Ceroptastes japonicus</i> Green (Coccidae):					
<i>Chaenoma</i> sp.....	do.....			1	Hawaii.
<i>Cotoneaster</i> sp.....	do.....			2	Hawaii.
<i>Prunus</i> sp. (?).....	do.....			1	Hawaii.*
<i>Ceroptastes rubens</i> Mask. (Coccidae):					
<i>Alpinia purpurata</i>	Hawaii.....	1			Hawaii.
<i>Alyxia olivaeformis</i> (maile).....	do.....	13			Hawaii.
<i>Anthurium</i> sp.....	do.....	3			Hawaii.
<i>Camellia rusticana</i>	Japan.....			1	D.C.
<i>Camellia</i> sp.....	Formosa, Japan.....			2	Calif.* D.C.
<i>Cotoneaster</i> sp.....	Japan.....			1	Hawaii.
<i>Gardenia augusta</i> (gardenia).....	Hawaii, Japan.....	2			Hawaii.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Ceroplastes rubens</i> Mask. (Coccidae)—Con.					
<i>Gardenia</i> sp.	Japan			1	Hawaii.
<i>Hedera helix</i> (English ivy)	do	1			Hawaii.
<i>Ilex serrata</i>	do			1	Calif.*
<i>Metrosideros collina</i>	Hawaii			1	Hawaii.
<i>Rhododendron</i> sp.	Japan			1	N.Y.
<i>Ceroplastes rusci</i> (L.) (Coccidae):					
<i>Ficus arbutifolia</i>	Italy			1	D.C.
<i>Ficus carica</i> (fig)	Israel, Italy	3		2	Calif.,* Ill., N.Y.
<i>Ficus</i> sp.	Italy			1	D.C.
<i>Ceroplastes sinensis</i> del Guer. (?) (Coccidae):					
<i>Citrus limon</i> (lemon)	do	1			N.Y.
<i>Chaetanaphothrips orchidii</i> (Mit.) (Thripidae):					
<i>Operculina tuberosa</i> (wood-rose)	Hawaii	1			Hawaii.
<i>Chalcodermus aeneus</i> Boh. (Curculionidae):					
<i>Cajanus cajan</i> (pigeonpea)	Bahamas, Barbados, Panama.	6		1	Fla., N.Y.
<i>Chermes piceae</i> Ratz. (Chermidae):					
<i>Abies amabilis</i>	Canada			1	Wash.
<i>Chilo listini</i> Dyar (Crambidae):					
<i>Saccharum officinarum</i> (sugarcane)	Mexico	20			Ariz., Calif.
<i>Zea mays</i> (corn)	do	3			Ariz.
<i>Chilo suppressalis</i> (Wlk.) (Crambidae):					
<i>Oryza sativa</i> (rice)	Japan, Korea, Portugal(?)	16	3		Calif.,* Va., Wash.
<i>Chionaspis salicis</i> (L.) (Coccidae):					
<i>Buxus</i> sp. (box)	Sweden			1	Mass.
<i>Cytisus</i> sp.	Spain			1	D.C.
<i>Sorbus</i> sp.	Norway			1	N.Y.
<i>Chrysomphalus agavis</i> (Townsend & Ockler) (Coccidae):					
<i>Yucca elephantipes</i>	Mexico			1	Ariz.
<i>Chrysomphalus albopictus</i> (Ckll.) (Coccidae):					
<i>Anthurium</i> sp.	do			3	Tex.
<i>Chamaedorea</i> sp.	do	1			Tex.
<i>Cocos nucifera</i> (coconut)	do		1		Calif.*
<i>Philodendron</i> sp.	do			1	Tex.
<i>Chrysomphalus bifasciculatus</i> Ferris (Coccidae):					
<i>Citrus reticulata</i> (Mandarin orange)	Japan		1		Calif.*
<i>Fatsia japonica</i> (fatsia)	do		1		Wash.
<i>Hedera helix</i> (English ivy)	do	1			Hawaii.
<i>Ilex crenata</i> (Japanese holly)	do			1	D.C.
<i>Chrysomphalus diversicolor</i> Green (as defined by McKenzie) (Coccidae):					
<i>Citrus sinensis</i> (orange)	Canary Islands		1		Pa.
<i>Chrysomphalus inopinatulus</i> (Leon) (Coccidae):					
<i>Pistacia</i> sp. (pistache)	Lebanon	1			N.Y.
<i>Chrysomphalus minutus</i> Kotinsky (Coccidae):					
Unknown plant	Philippines	1			Calif.*
<i>Chrysomphalus odontoglossi</i> (Ckll.) (Coccidae):					
<i>Broughtonia</i> sp. (orchid)	Jamaica			1	N.J.
<i>Chrysomphalus personatus</i> (Comst.) (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Mexico	1			Calif.*
<i>Mangifera indica</i> (mango)	Madeira Islands, Mexico	3			Calif., Mass.
<i>Nerium oleander</i> (oleander)	Mexico			1	Tex.
Orchid	Brazil			1	Tex.
Palm	Venezuela		1		Pa.
<i>Persea americana</i> (avocado)	Mexico	3			Tex.
<i>Rosa</i> sp.	Panama			1	P.R.
<i>Chrysomphalus pinnuliferus</i> (Mask.) (Coccidae):					
<i>Dendrobium nobile</i> (orchid)	India			1	Tex.
<i>Chrysomphalus propinquus</i> Banks (as defined by McKenzie) (Coccidae):					
Palm	Venezuela		1		Pa.
<i>Chrysomphalus sacculatus</i> (Ferris) (Coccidae) (tentative):					
Twig—unknown	Mexico	1			Ariz.
<i>Chrysomphalus sphaeroides</i> (Ckll.) (Coccidae):					
<i>Chamaedorea oblongata</i>	do	1			Tex.
<i>Dracaena</i> sp.	do			1	Tex.
Palm	do	1			Mass.
<i>Philodendron</i> sp.	do			1	Tex.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Chrysomphalus ienax</i> (McKenzie) (Coccidae):					
<i>Cattleya skinneri</i> (orchid).....	Panama.....			1	Calif.*
Palm.....	Guatemala.....			1	Tex.
<i>Philodendron</i> sp.....	Mexico.....			3	Tex.
<i>Chrysomphalus tingi</i> (McKenzie) (Coccidae):					
<i>Cocos nucifera</i> (coconut).....	do.....	2			Calif.*
<i>Chrysomphalus umboniferus</i> (Newst.) (Coccidae):					
<i>Anthurium</i> sp.....	Ecuador, Nicaragua.....			2	Calif.*
<i>Cattleya</i> sp. (orchid).....	Costa Rica.....			1	Fla.
<i>Cattleya</i> (?) sp.....	Mexico.....			1	Calif.*
<i>Epidendrum</i> sp. (orchid).....	El Salvador.....			1	Fla.
<i>Oncidium</i> sp. (orchid).....	Costa Rica.....			1	Fla.
Orchid.....	Canal Zone, Costa Rica, Guatemala, Honduras, Mexico, Panama(?). Mexico.....			8	Fla., N.J.
<i>Philodendron</i> sp.....	British Honduras.....			1	Tex.
<i>Schomburgkia</i> sp. (orchid).....				1	Fla.
<i>Coccus capparidis</i> (Green) (Coccidae):					
<i>Cypripedium insigne</i> (orchid).....	India.....			1	N.J.
<i>Cypripedium</i> sp.....	do.....			2	N.J.
<i>Coccus viridis</i> (Green) (Coccidae):					
<i>Aralia</i> sp.....	Cuba.....			1	Fla.
<i>Citrus</i> sp.....	Puerto Rico.....	1			Ill.
<i>Coffea</i> sp. (coffee).....	Jamaica.....	1			Fla.
<i>Gardenia augusta</i> (gardenia).....	Hawaii, Philippines.....	43		5	Calif.,* Hawaii.
<i>Gerbera</i> sp.....	Trinidad.....			1	Fla.
<i>Izora</i> sp.....	Jamaica, Panama, Trini- dad.....			3	Fla., P.R.
<i>Jasminum</i> sp.....	Algeria.....			1	N.J.
Plant—unknown.....	Hawaii.....			1	Hawaii.
<i>Stanhopea</i> sp. (orchid).....	Peru.....			1	Fla.
<i>Coelonertus nigrifloris</i> Solari (Curculionidae):					
<i>Collinia elegans</i>	Mexico.....	40			Tex.
<i>Conchaspis orchidarum</i> Mamet (Coccidae):					
<i>Brassavola</i> sp. (orchid).....	Canal Zone.....			1	Fla.
<i>Lockhartia</i> sp. (orchid).....	do.....			1	Fla.
<i>Conotelus mexicanus</i> Murr. (Nitidulidae):					
<i>Chrysanthemum</i> sp.....	Mexico.....	1			Ariz.
Flowers.....	Hawaii.....	1			Hawaii
<i>Conotrachelus aguacatae</i> Barber (Curculionidae):					
<i>Persea americana</i> (avocado).....	Mexico.....	10	1	1	La., Tex.
<i>Conotrachelus perseae</i> Barber (Curculionidae):					
<i>Persea americana</i> (avocado).....	Central America.....			1	N.Y.
<i>Coptotermes formosanus</i> Shiraki (Rhinotermitidae):					
Airplane.....	Hawaii.....			1	Calif.*
<i>Cosmopolites sordidus</i> (Germ.) (Curculionidae):					
<i>Musa paradisica sapientum</i> (banana).....	Ecuador, Honduras, Mex- ico.....	2		2	La., Pa., Tex.
<i>Musa</i> sp.....	Costa Rica.....			1	N.J.
<i>Cryphula apicatus</i> (Dist.) (Lygaeidae):					
Bromeliad.....	Mexico.....			1	Tex.
<i>Cryptoblabes gnidiella</i> (Mill.) (Phycitidae):					
<i>Cattleya</i> sp. (orchid).....	Venezuela.....			1	N.J.
<i>Citrus limon</i> (lemon).....	Italy.....		1		La.
<i>Citrus sinensis</i> (orange).....	Greece, Spain(?).....	1	1		N.J., N.Y.
<i>Punica granatum</i> (pomegranate).....	Greece, Israel, Italy, Spain.....	11			N.Y.
<i>Cryptophlebia illepidia</i> (Btlr.) (Olethreutidae):					
<i>Euphoria longan</i>	Hawaii.....	1			Hawaii.
<i>Litchi chinensis</i> (lychee).....	do.....				Hawaii.
<i>Cryptophlebia ombrodelta</i> (Lower) (Olethreutidae):					
<i>Tamarindus indica</i> (tamarind).....	Philippines.....	1			Hawaii.
<i>Cryptotermes brevis</i> (Wlk.) (Kalotermitidae):					
Wooden crates.....	Hawaii.....	1			Calif.*
<i>Curculio elephas</i> (Gyll.) (Curculionidae):					
<i>Castanea</i> sp. (chestnut).....	France, Greece, Italy, Portugal, Spain, Turkey.....	58	6	1	Calif.,* Fla., Mass., N.Y., Tex., Wash.
<i>Quercus cerris</i> (European Turkey oak).....	Italy.....			1	N.J.
<i>Quercus ilex</i> (holly oak).....	do.....			1	Calif.*
<i>Quercus</i> sp. (oak).....	do.....	1			N.Y.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Curculio nucum</i> L. (Curculionidae): <i>Corylus avellana</i> (filbert).....	Italy.....	1			Mass.
<i>Cylas femoralis</i> Faust (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato).....	Nigeria.....		1		Ala.
<i>Cylas formicarius</i> (F.) ssp. (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato).....	Philippines, Thailand.....	1	1		Hawaii.
<i>Cylas formicarius</i> (F.) var. (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato).....	Philippines.....	1			Hawaii.
<i>Cylas formicarius elegantulus</i> (Summers) (Curculionidae): Baggage.....	Hawaii.....	1			Hawaii.
<i>Ipomoea batatas</i> (sweetpotato).....	British Guiana, Cuba, Dominican Republic, Haiti, Jamaica, Mexico, Puerto Rico.	7	10		Fla., La., Md., N.Y., Pa., P.R., St. Thomas and St. John, Tex., Va.
<i>Cylas formicarius formicarius</i> (F.) (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato).....	Hong Kong, India, Singapore, Philippines, Thailand, unknown.	4	5		Hawaii, La., Oreg., S.C.
<i>Cylas puncticollis</i> Boh. (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato).....	Nigeria, Sierra Leone.....		2		Ala., Va.
<i>Cyrtopeltis modestus</i> (Dist.) (Miridae): <i>Zantedeschia aethiopica</i> (calla lily).....	Colombia.....	1			N.Y.
<i>Dactyloctenium aegyptium</i> (L.) (Scolytidae): <i>Phoenix canariensis</i>	England.....			1	N.J.
<i>Dacus cucurbitae</i> (Coq.) (Tephritidae): <i>Cucurbita pepo</i> (zucchini squash).....	Hawaii.....		1		Calif.*
<i>Lycopersicon esculentum</i> (tomato).....	do.....		8		Calif.*
<i>Momordica charantia</i> (balsam-pear).....	do.....	1			Calif.*
<i>Momordica</i> spp.....	do.....	1			Hawaii.
<i>Phaseolus vulgaris</i> var. (string bean).....	do.....		1		Calif.*
<i>Dacus cucurbitae</i> (Coq.) (?) (Tephritidae): <i>Cucumis sativus</i> (cucumber).....	do.....		2		Calif.*
<i>Dacus dorsalis</i> Hend. (Tephritidae): <i>Calophyllum inophyllum</i>	do.....	2			Hawaii.
<i>Cocos nucifera</i> (coconut).....	do.....	1			Calif.*
<i>Coffea arabica</i> (Arabian coffee).....	do.....	7			Hawaii.
<i>Eugenia malaccensis</i> (Malay apple).....	do.....	1			Hawaii.
<i>Lycopersicon esculentum</i> (tomato).....	do.....		2		Calif.*
<i>Mangifera indica</i> (mango).....	do.....	12	5		Calif.,* Hawaii.
<i>Musa paradisica sapientum</i> (banana).....	Hawaii, unknown.....	1	3		Calif.*
<i>Passiflora</i> sp.....	Hawaii.....	1			Hawaii.
<i>Persea americana</i> (avocado).....	do.....	1	1		Calif.,* Hawaii.
<i>Spondias cytherea</i> (vi-apple).....	do.....	1			Hawaii.
<i>Terminalia catappa</i> (bitter almond).....	do.....	2			Hawaii.
<i>Dacus dorsalis</i> Hend. (?) (Tephritidae): <i>Coffea arabica</i> (Arabian coffee).....	do.....	1			Hawaii.
<i>Coffea</i> sp. (coffee).....	do.....	3			Hawaii.
<i>Mangifera indica</i> (mango).....	do.....	2			Calif.,* Hawaii.
<i>Punica granatum</i> (pomegranate).....	do.....	1			Hawaii.
<i>Terminalia catappa</i> (bitter almond).....	do.....	1			Hawaii.
<i>Dacus oleae</i> Gmel. (Tephritidae): <i>Olea europaea</i> (olive).....	Italy, Spain.....	30			Calif.,* Mass., N.Y.
<i>Dacus oleae</i> Gmel. (?) (Tephritidae): <i>Olea europaea</i> (olive).....	Unknown.....		1		Mass.
<i>Deloyala guttata</i> (Oliv.) (Chrysomelidae): <i>Allium sativum</i> (garlic).....	Italy.....	1			N.Y.
Orchid.....	Mexico.....			1	Tex.
<i>Deroceras reticulatum</i> (Muller) (Mollusca): <i>Allium porrum</i> (leek).....	England.....		1		Pa.
<i>Apium graveolens</i> (celery).....	Belgium.....		1		Pa.
<i>Brassica chinensis</i> (Chinese cabbage).....	Japan.....		1		Wash.
<i>Brassica oleracea botrytis</i> (cauliflower).....	Italy, Japan.....		2		Pa., Wash.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Deroceras reticulatum</i> (Muller) (Mollusc)— Con.					
<i>Brassica oleracea capitata</i> (cabbage)	Belgium, England, France, Italy, Netherlands, Panama.	10	4	---	Ga., Mass., N.Y., Pa.
<i>Brassica rapa</i> (turnip)	Italy	---	1	---	N.Y.
<i>Bryophyllum</i> sp.	Bermuda	---	1	---	N.Y.
Fern	Mexico	---	1	---	Tex.
Flowers	Ireland	---	1	---	Mass.
<i>Ilex crenata</i> (Japanese holly)	England	---	1	---	D.C.
<i>Lactuca sativa</i> (lettuce)	England, France, Italy	---	3	---	N.Y., Pa.
Orchid	Costa Rica, El Salvador, Guatemala, Mexico, Venezuela.	---	7	---	Fla., Tex.
<i>Primula</i> sp.	Ireland	---	1	---	Pa.
<i>Vanda</i> sp. (orchid)	Hawaii	---	1	---	Hawaii.
<i>Diabrotica porracea</i> Har. (Chrysomelidae): Bromeliad	Mexico	---	1	---	Tex.
<i>Diachus auratus</i> (F.) (Chrysomelidae): Orchid	Hawaii	1	---	---	Hawaii.
<i>Dialeurodes chittendeni</i> Laing (Aleyrodidae): <i>Rhododendron catawbiense</i> (catawba rhodo- dendron)	Netherlands	---	1	---	N.J.
<i>Rhododendron</i> 'Goldsworth Yellow'	do.	---	1	---	N.J.
<i>Rhododendron</i> sp.	England, Netherlands	1	6	---	N.J., N.Y.
<i>Dialeurodes citrifolii</i> (Morg.) (Aleyrodidae): Citrus sp.	Dominican Republic	2	---	---	P.R.
<i>Dialeurodes kirkaldyi</i> (Kot.) (Aleyrodidae): <i>Gardenia augusta</i> (gardenia)	Hawaii	1	---	---	Calif.*
<i>Jasminum multiflorum</i> (star jasmine)	do.	1	---	---	Hawaii.
<i>Jasminum sambac</i> (Arabian jasmine)	Hawaii, Philippines	2	2	---	Calif.* Hawaii.
<i>Diaprepes abbreviatus</i> (L.) (Curculionidae): <i>Pothos</i> sp.	Puerto Rico	---	1	---	Fla.
<i>Diaspis echinocacti</i> (Bouche) (Coccidae): <i>Pachycereus marginatus</i>	Mexico	---	1	---	Tex.
<i>Diaspis zamiae</i> Morg. (Coccidae): <i>Cussonia triptera</i>	Italy	---	1	---	D.C.
<i>Elaeodendron ilicifolium</i>	do.	---	1	---	D.C.
Palm	Portugal	1	---	---	N.Y.
<i>Dichocrocis punctiferalis</i> (Guen.) (Pyraustidae): <i>Prunus persica</i> (peach)	Japan	---	1	---	Oreg.
<i>Dicyphus errans</i> (Wolff) (Miridae): Plants—unknown	Portugal	---	1	---	D.C.
<i>Dinaspis aculeata</i> Ferris (Coccidae): <i>Chamaedorea</i> sp.	Mexico	1	---	---	Calif.*
<i>Diocalandra tailensis</i> (Guer.) (Curculionidae): <i>Cocos nucifera</i> (coconut)	Hawaii	5	---	---	Hawaii.
<i>Diorynerellus laevimargo</i> Champ. (Curculi- onidae): Orchid	Mexico	---	2	---	Tex.
<i>Dysdercus andreae</i> (L.) (Pyrrhocoridae): <i>Rumex</i> sp.	Antigua	1	---	---	P.R.
<i>Dysdercus honestus</i> Blöte (Pyrrhocoridae): <i>Dianthus caryophyllus</i> (carnation)	Brazil	---	1	---	N.Y.
<i>Dysdercus mimus</i> (Say) (Pyrrhocoridae): <i>Ananas comosus</i> (pineapple)	Mexico	1	---	---	Tex.
<i>Dyspessa ulula</i> (Bkh.) (Cossidae): <i>Allium sativum</i> (garlic)	Italy, Spain	5	1	---	Mass., N.Y., P.R.
<i>Ectomyelois ceratoniae</i> (Zell.) (Phycitidae): <i>Adenanthra pavonina</i> (redbead)	Hawaii	1	---	---	Hawaii.
<i>Cassia</i> sp. (legume)	Bahamas	1	---	---	N.Y.
<i>Cydonia oblonga</i> (quince)	Italy	1	---	---	N.Y.
<i>Eriobotrya japonica</i> (loquat)	do.	1	---	---	N.Y.
<i>Juglans regia</i> (English walnut)	do.	1	---	---	N.Y.
<i>Juglans</i> sp. (walnut)	Italy, Yugoslavia	4	---	---	N.Y., Tex.
<i>Kigelia pinnata</i>	Hawaii	1	---	---	Hawaii.
<i>Olea europaea</i> (olive)	Italy	1	---	---	N.Y.
<i>Phoenix dactylifera</i> (date)	do.	1	---	---	N.Y.
<i>Prunus amygdalus</i> (almond)	do.	2	---	---	N.Y.
<i>Punica granatum</i> (pomegranate)	Greece, Israel, Italy	9	---	---	N.Y.
<i>Tamarindus indica</i> (tamarind)	Trinidad, unknown	2	---	---	N.Y., P.R.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Ectomyelois muriscis</i> (Dyar) (Phycitidae):					
Legume pod.....	Venezuela.....	1			Tex.
Seed pod—unknown.....	Mexico, Panama.....			2	Fla.
<i>Epichorista ionephela</i> Meyr. (Tortricidae):					
<i>Ornithogalum thyrsoides</i> (chinkerichee).....	Union of South Africa.....	5			N.J., N.Y.
<i>Epidiopsis piricola</i> (del Guer.) (Coccidae):					
<i>Ficus carica</i> (fig).....	Portugal.....			1	Mass.
<i>Malus sylvestris</i> (apple).....	do.....			1	Mass.
<i>Epilachna borealis aequinoctialis</i> Muls. (Coccinellidae):					
<i>Musa paradisiaca sapientum</i> (banana).....	Ecuador.....	1			N.Y.
<i>Epilachna paenulata</i> (Germ.) (Coccinellidae):					
<i>Musa paradisiaca sapientum</i> (banana).....	do.....	1			Pa.
<i>Epilachna sparsa</i> Hbst. (?) (Coccinellidae):					
Airplane.....	Philippines.....		1		Hawaii.
<i>Epinotia aporema</i> (Wlsm.) (Olethreutidae):					
<i>Phaseolus vulgaris</i> var. (string bean).....	Chile, Colombia, Mexico.....	6	2		Fla., La., Md. Tex.
<i>Ereumetis flavistriata</i> Wlsm. (Tineidae):					
<i>Cocos nucifera</i> (coconut).....	Hawaii.....	5			Hawaii.
<i>Ereumetis simulans</i> (Butl.) (Tineidae):					
Airplane.....	Japan.....		1		Hawaii.
<i>Eriophyes canestrinii</i> (Nal.) (Eriophyidae):					
<i>Buxus sempervirens</i>	Netherlands.....			2	N.J.
<i>Eucalymnatus tessellatus</i> (Sign.) (Coccidae):					
<i>Gardenia augusta</i> (gardenia).....	Australia, Mexico.....	1	1		Hawaii, Tex.
Palm.....	Italy.....		1		N.Y.
<i>Euethola bidentata</i> (Bur.) (Scarabaeidae):					
<i>Ananas comosus</i> (pineapple).....	Mexico.....	1			Tex.
<i>Eugeraeus unifasciatus</i> Champ. (?) (Curculionidae):					
<i>Chamaedorea</i> sp. (palm).....	do.....			1	Tex.
<i>Euleia heraclei</i> (L.) (?) (Tephritidae):					
<i>Apium graveolens</i> (celery).....	Italy.....		2		Va.
<i>Eurytoma orchidearum</i> (Westw.) (?) (Eurytomidae):					
<i>Epidendrum cochleatum</i> (orchid).....	Mexico.....			1	Tex.
<i>Eurytoma plotnikovi</i> Nik. (Eurytomidae):					
<i>Pistacia</i> sp. (pistache).....	Unknown.....	1			N.Y.
<i>Eusepes postfasciatus</i> (Fairm.) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato).....	Brazil, Hawaii, Peru, Puerto Rico.....	2	4		Calif.,* La., Md., Pa.
<i>Euschistus servus</i> (Say) (Pentatomidae):					
<i>Chrysanthemum</i> sp.....	Mexico.....	1			Tex.
<i>Eutetranychus banksi</i> (McG.) (Tetranychidae):					
<i>Citrus</i> sp.....	do.....	2			Tex.
<i>Euzoa spinifera</i> (Hbn.) (Noctuidae):					
Airplane.....	West Pacific.....		1		Hawaii.
<i>Everes comyntas</i> (Godt.) (Lycaenidae):					
<i>Pisum sativum</i> (pea).....	Mexico.....	1			Tex.
<i>Erptochiamera albomaculata</i> (Dist.) (Lygaeidae):					
Orchid.....	do.....			1	Tex.
<i>Erptochiamera confusa</i> Barber (Lygaeidae):					
Orchid.....	Ecuador.....			1	Calif.*
<i>Phaseolus vulgaris</i> var. (string bean).....	Mexico.....	1			Ariz.
<i>Erptochiamera oblonga</i> (Stal) (Lygaeidae):					
<i>Lycopersicon esculentum</i> (tomato).....	do.....	1			Ariz.
<i>Farinococcus guatemalensis</i> Ferris (Coccidae):					
<i>Oncidium anisiferum</i> (orchid).....	Costa Rica.....			1	Fla.
Orchid.....	Guatemala.....			1	Tex.
<i>Farinococcus olivaceus</i> (Ckll.) (Coccidae):					
<i>Yucca</i> sp.....	Mexico.....			1	Tex.
<i>Faustinus cubae</i> (Boh.) (Curculionidae):					
<i>Capsicum frutescens</i> (pepper).....	Cuba, Jamaica.....	2			Fla.
<i>Ferrisia virgata</i> (Ckll.) (Coccidae):					
<i>Cucurbita pepo</i> (squash).....	Mexico.....	1			Tex.
<i>Dendrobium</i> sp. (orchid).....	Philippines.....			1	Calif.*
<i>Dieffenbachia</i> sp.....	do.....			1	Calif.*
<i>Gardenia augusta</i> (gardenia).....	Cuba.....	1			N.Y.
<i>Gossypium</i> sp. (cotton; boll).....	Colombia.....		1		Tex.
<i>Florinia nephelii</i> Mask. (Coccidae):					
<i>Litchi chinensis</i> (lychee).....	Hong Kong.....	1			Hawaii.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Fiorinia theae</i> Green (Coccidae):					
Camellia sp.	Nepal			1	D.C.
<i>Frankliniella formosae</i> Mlt. (Thripidae):					
Chrysanthemum sp.	Japan	2	1		Calif.,* Hawaii.
Dianthus caryophyllus (carnation)	do.	2			Hawaii.
Flowers	do.		2		Wash.
Gladiolus sp.	do.	1			Hawaii.
Litium longiflorum (Easter lily)	do.	1			Hawaii.
<i>Frankliniella intonsa</i> (Tryb.) (Thripidae):					
Calluna vulgaris (heather)	Germany	1			N.Y.
Convallaria majalis (lily-of-the-valley)	Denmark			1	N.Y.
Dahlia sp.	Germany	1			Mich.
Flowers	England, Netherlands	2	1		Mass., N.Y.
Helichrysum bracteatum (strawflower)	Yugoslavia	1			N.Y.
Lavandula sp. (lavender)	England	1			Mass.
Rosa sp.	England, Germany	1	1		Mass., N.J.
<i>Frankliniella panamensis</i> Hood (Thripidae):					
Centaurea cyanus (bachelors-button)	Colombia		1		Fla.
Gladiolus sp.	do.	1			Fla.
Viola sp. (violet)	do.		1		Fla.
<i>Frankliniella schultzei</i> (Tryb.) (Thripidae):					
Chrysanthemum sp.	Australia	1			Hawaii.
Medicago sativa (alfalfa)	Argentina	1			Tex.
Soil with Star-of-Bethlehem bulbs	Union of South Africa			1	N.Y.
<i>Frankliniella tenuicornis</i> (Uzel) (Thripidae):					
Allium sativum (garlic)	Italy	1			Mass.
<i>Frauenfeldiella jelinekii</i> (Pröd.) (Aleyrodidae):					
Viburnum tinus (laurostinus)	England, Scotland			2	D.C., N.J.
<i>Fulvius brevicornis</i> Reuter (Miridae):					
Trapa natans (water chestnut)	Hong Kong	2			Hawaii.
<i>Fundella pellucens</i> (Zell.) (Phycitidae):					
Cajanus cajan (pigeonpea)	Barbados	4			N.Y.
Pisum sativum (black-eyed pea)	Puerto Rico	3			P.R.
<i>Furcaspis biformis</i> (Ckll.) (Coccidae):					
Brassavola sp. (orchid)	Jamaica			1	N.J.
Bromeliad	Venezuela			1	Fla.
Cattleya superba (orchid)	do.			1	N.J.
Cattleya sp.	British Guiana, Guatemala, Hawaii, Trinidad	1		6	Calif.,* Hawaii, N.J.
<i>Epidendrum atropurpureum</i> (orchid)	Canal Zone			4	Calif.,* Hawaii, Hawaii.*
<i>Epidendrum</i> sp.	Canal Zone, Panama			6	Fla., N.J.
Gongora maculata (orchid)	Canal Zone			1	N.J.
Laelia sp. (orchid)	do.			1	N.J.
Oncidium ampliatum (orchid)	do.			1	Calif.*
Oncidium panamense	do.			3	Calif.,* Fla., N.J.
Oncidium sp.	do.			1	Fla.
Orchid	Brazil, British Honduras, Canal Zone, Costa Rica, Cuba, El Salvador, Grenada, Hawaii, Honduras, Panama, Trinidad			29	Calif.,* Fla., Hawaii.
<i>Renanthera elongata</i> (orchid)	Singapore			1	Hawaii.*
Stanhopea wardii (orchid)	Canal Zone			1	Calif.*
Vanda sp. (orchid)	Federation of Malaya			1	N.J.
<i>Furcaspis oceanica</i> Ldgr. (Coccidae):					
Cocos nucifera (coconut)	Kwajalein		1		Hawaii.
<i>Galgupha punctifer</i> McA. & Mall. (Pentatomidae):					
Bromeliad	Mexico			1	Tex.
Orchid	do.			1	Tex.
Tillandsia sp.	do.			1	Tex.
<i>Galgupha quadrisignata</i> (Stal) (Pentatomidae):					
Bromeliad	do.			1	Tex.

Pests Collected and Report From July 1, 1957, Through June 30, 1958—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Gelechia ericetella</i> (Hbn.) (Gelechiidae):					
<i>Calluna vulgaris</i> (heather).....	England, Germany, Scotland.	3	---	1	Mass., N.Y.
<i>Geniocremnus chilensis</i> (Boh.) (Curculionidae):					
<i>Prunus domestica</i> (plum).....	Chile	1	---	---	N.Y.
<i>Prunus persica</i> (peach).....	do.	1	---	---	N.Y.
<i>Prunus persica nectarina</i> (nectarine).....	do.	1	---	---	N.Y.
<i>Geolomus pygmaeus</i> (Dall.) (Cydnidae):					
Flowers.....	Hawaii	1	---	---	Hawaii.
<i>Glycyphagus ornatus</i> Kramer (Glycyphagidae):					
Soil with inhamies.....	Portugal	1	---	---	Mass.
<i>Gnaphalodes trachyderoides</i> Thoms. (Cerambycidae):					
<i>Lycopersicon esculentum</i> (tomato).....	Mexico	1	---	---	Tex.
<i>Gnorimoschema gudmannella</i> (Wlsm.) (Gelechiidae):					
<i>Capiscum frutescens</i> (pepper).....	do.	1	---	---	Fla.
<i>Capiscum frutescens grossum</i> (bell pepper).....	do.	3	---	---	Ariz., Fla.
<i>Gnorimoschema ocellatella</i> Boyd (Gelechiidae):					
<i>Beta vulgaris</i> (beet).....	Spain	---	2	---	Pa.
<i>Spinacia oleracea</i> (spinach).....	Morocco	---	1	---	Pa.
<i>Gracilaria azalella</i> Brants (Gracilariidae):					
<i>Rhododendron</i> sp. (azalea).....	Japan, Netherlands	---	---	4	N.J., Wash.
<i>Grapholita packardii</i> Zell. (Olethreutidae):					
<i>Crataegus</i> spp.....	Mexico	2	---	---	Tex.
<i>Gymnandrosoma aurantianum</i> Costa Lima (Olethreutidae):					
<i>Citrus paradisi</i> (grapefruit).....	do.	---	1	---	Tex.
<i>Gymnococcus agavium</i> (Doug.) (Coccidae):					
<i>Agave</i> sp.....	do.	---	---	1	Tex.
<i>Gynaikothrips ficorum</i> (Marchal) (Phlaeothripidae):					
Leaf—unknown.....	do.	---	---	1	Calif.
<i>Halictus chrysotepis</i> Kirk. (Miridae):					
<i>Dendrobium</i> sp. (orchid).....	Hawaii	1	---	---	Hawaii.
<i>Haplothrips cottei</i> (Vuillet) (Phlaeothripidae):					
Plant—unknown.....	Azores	---	---	1	Mass.
<i>Haplothrips gowdeyi</i> (Frankl.) (Phlaeothripidae):					
<i>Antirrhinum majus</i> (snapdragon).....	Bermuda	1	---	---	Mass.
<i>Dianthus caryophyllus</i> (carnation).....	Bermuda, Japan	2	---	---	Hawaii, N.Y.
Flowers.....	Bermuda, Haiti	2	---	---	Mass., P.R.
<i>Gerbera</i> sp.....	Bermuda	1	---	---	Mass.
<i>Mentha crispa</i>	Tortola	1	---	---	St. Thomas and St. John.
<i>Nerium oleander</i> (oleander).....	Bermuda	1	---	---	N.Y.
Plant—unknown.....	Azores	---	---	1	Mass.
<i>Zantedeschia aethiopica</i> (calla lily).....	Haiti	1	---	---	Fla.
<i>Helix aspersa</i> (Muller) (Mollusca):					
<i>Armeria</i> sp. (statice).....	Peru	1	---	---	Fla.
<i>Cichorium intybus</i> (chickory).....	France	---	1	---	N.Y.
Flowers.....	Ireland	1	---	---	Mass.
<i>Lactuca sativa</i> (lettuce).....	Mexico	---	1	---	Tex.
Unknown.....	Azores	---	1	---	N.Y.
<i>Hellula undalis</i> (F.) (Pyraustidae):					
<i>Brassica rapa</i> (turnip).....	French West Africa	---	1	---	Mass.
<i>Raphanus sativus</i> (radish).....	do.	---	---	---	Pa.
<i>Hemine juliana</i> (Curt.) (Olethreutidae):					
<i>Castanea</i> sp. (chestnut).....	Italy	2	---	---	N.Y.
<i>Quercus falcata</i> (Spanish oak).....	do.	---	---	1	Calif.*
<i>Hepialus humuli</i> (L.) (Hepialidae):					
<i>Dahlia</i> sp.....	England	---	---	1	Ill.
<i>Heterobostrychus aequalis</i> (Waterh.) (Bostrichidae):					
Airplane.....	Cuba	---	1	---	Fla.
Wood.....	India	2	---	---	N.Y.
<i>Heterotermes convexinotatus</i> (Snyder) (Rhinotermitidae):					
Palm.....	Mexico	---	---	1	Tex.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Hyalopeplus pellucidus</i> (Stal) (Miridae): Foliage	Hawaii	1			Hawaii.
<i>Hyurgops pollatus</i> (Gyll.) (Scolytidae): Wood	Switzerland	1			N. Y.
<i>Hypera nigrostris</i> (F.) (Curculionidae): Trifolium pratense (red clover)	Italy			1	D. C.
<i>Hypera postica</i> (Gyll.) (Curculionidae): Lolium sp.	Greece			1	D. C.
<i>Hypera punctata</i> (Fab.) (Curculionidae): With maple leaves and peaches.	France		1		Ill.
<i>Icerya seychellarum</i> (Westw.) (Coccidae): Litchi chinensis (lychee)	Japan			1	Calif.*
<i>Ips calligraphus</i> (Germ.) (Scolytidae): Log	Bahamas	1			Fla.
<i>Ips combrae</i> Herr (Scolytidae): Bark on wood crate	Germany	1			Mass.
<i>Iridomyrmex humilis</i> Mayr (Formicidae): Annona sp.	Azores	1			Mass.
<i>Dianthus caryophyllus</i> (carnation)	Bermuda	1			Mass.
<i>Erica</i> sp.	Union of South Africa	1			N. Y.
<i>Euphorbia pulcherrima</i> (poinsettia)	Bermuda			1	N. Y.
Flowers	Bermuda, Union of South Africa	3			Mass., N. Y.
<i>Freesia</i> sp.	Bermuda	1			Mass.
<i>Phaseolus vulgaris</i> var. (string bean)	Italy		1		Mass.
<i>Protea</i> sp.	Union of South Africa	2			N. Y.
<i>Triticum aestivum</i> (wheat)	Portugal	1			N. J.
<i>Iridomyrmex iniquus</i> Mayr (Formicidae): Orchid	Guatemala			2	Tex.
<i>Iridothrips iridis</i> (Wats.) (Thripidae): Iris sp.	England			1	N. J.
<i>Ischnodemus diplopterus</i> (Dist.) (Lygaeidae): Prunus armeniaca (apricot)	Union of South Africa	1			N. Y.
<i>Prunus persica</i> (peach)	do	1			N. Y.
<i>Vitis</i> sp. (grape)	do	1			N. Y.
<i>Isoneurothrips obscuratus</i> Cwfd. (Thripidae): Rosa sp. (rose)	Australia		1		Hawaii.
<i>Jadera sanguinolenta</i> (F.) (Coreidae): Gossypium sp. (cotton; boll)	Mexico	1			Tex.
<i>Lampetia equestris</i> (F.) (Syrphidae): Narcissus sp.	England, Germany, Ireland, Netherlands, Northern Ireland.			12	Mich, N. J., N. Y.
<i>Lampides boeticus</i> (L.) (Lycaenidae): Canavalia microcarpa	Hawaii	2			Hawaii.
<i>Canavalia</i> sp. (mauna loa)	do	54			Calif.,* Hawaii.
<i>Lapazia oblecta</i> Ferris (Coccidae): Cutting—unknown	Mexico	1			Calif.*
<i>Laspeyresia sabivora</i> Meyrick (Olethreutidae): Phaseolus vulgaris var. (string bean)	Ecuador		1		N. Y.
<i>Laspeyresia nigricana</i> (Stph.) (Olethreutidae): Pisum sativum (pea)	Italy	1			Mass.
<i>Laspeyresia splendana</i> (Hbn.) (Olethreutidae): Castanea sp. (chestnut)	Azores, France, Greece, Italy, Philippines, Portugal, Spain.	48	2		Calif.,* Mass., N. Y., P. R., Tex.
<i>Lecanodiaspis dendrobii</i> (Dougl.) (Coccidae): Orchid	British Honduras			1	Fla.
<i>Lecanium corni</i> Bouche (Coccidae): Euonymus pendulus	England			1	D. C.
<i>Robinia</i> sp.	France			1	D. C.
<i>Lecanium coryli</i> (L.) (Coccidae): Acer caesium	do			1	D. C.
<i>Acer platanoides</i> (Norway maple)	Belgium			1	N. J.
<i>Lechriops psidii</i> Mshl. (Curculionidae): Psidium guajava (guava)	Puerto Rico	1			Ill.
<i>Lepidosaphes conchiformis</i> (Gmel.) (Coccidae): Diospyros kaki (kaki persimmon)	Japan	1	2		Calif.*
<i>Pyrus pyrifolia</i> (sand pear)	Korea	1			Hawaii.
<i>Lepidosaphes esakii</i> Tak. (Coccidae): Pandanus sp.	Marshall Islands			1	Hawaii.*

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Lepidosaphes ficus</i> (Sign.) (Coccidae):					
<i>Ficus carica</i> (fig).....	Italy.....			2	Mass., N.Y.
<i>Ficus</i> sp.....	do.....			1	N.Y.
<i>Lepidosaphes kamakurensis</i> Kuw. (Coccidae):					
<i>Camellia japonica</i> (camellia).....	Japan.....			1	D.C.
<i>Lepidosaphes mcgregori</i> Banks (Coccidae):					
<i>Cocos nucifera</i> (coconut).....	Guam.....	2			Hawaii.
<i>Lepidosaphes newsteadi</i> (Sulc.) (Coccidae):					
<i>Juniperus chinensis</i> (Chinese juniper).....	Japan.....			1	Calif.*
<i>Pinus</i> sp. (pine).....	do.....			1	Calif.*
<i>Lepidosaphes pallida</i> (Green) Coccidae:					
<i>Cupressus</i> sp. (cypress).....	do.....			3	Calif.*
<i>Juniperus chinensis</i> (Chinese juniper).....	do.....			2	Calif.*
<i>Juniperus</i> sp. (juniper).....	do.....			2	Calif.*
<i>Taxus</i> sp. (yew).....	do.....			1	Calif.*
<i>Lepidosaphes philococcus</i> (Ckll.) (Coccidae):					
<i>Agave</i> sp.....	Mexico.....			1	Fla.
<i>Cactus</i>	do.....			1	Tex.
<i>Ferocactus</i> sp.....	do.....			1	Tex.
<i>Lepidosaphes pistaciae</i> Arch. (Coccidae):					
<i>Pistacia</i> sp. (pistache).....	Iran, Lebanon.....	1		1	D.C., Mass.
<i>Lepidosaphes pistaciae</i> f. <i>pistaciola</i> Borch. (Coccidae):					
<i>Pistacia vera</i> (pistache).....	Iran.....			1	N.J.
<i>Lepidosaphes tokionis</i> (Kuw.) (Coccidae):					
<i>Anthurium</i> sp.....	Hawaii.....			1	Hawaii.
<i>Codiaeum variegatum</i> (codium).....	do.....	9		2	Hawaii.
<i>Cordyline terminalis</i> (ti).....	do.....			1	Calif.*
<i>Lepidosaphes tuberculata</i> Mal. (Coccidae):					
<i>Cymbidium chaobee</i> (orchid).....	Formosa.....			1	Hawaii.
<i>Cymbidium kanran</i>	do.....			2	Hawaii.
<i>Cymbidium pumilum</i>	Japan.....			2	Calif.*
<i>Cymbidium simonsianum</i>	Formosa.....			2	Calif.*
<i>Cymbidium sinense</i>	do.....	1			Hawaii.*
<i>Cymbidium</i> sp.....	Australia, England, Fiji Islands, Formosa, Hawaii, Japan, New Zealand.....			29	Calif.*
Orchid.....	Australia, Guatemala, Japan.....		1	4	Hawaii.*
<i>Lepidosaphes tubularum</i> Ferris (Coccidae):					
<i>Diospyros</i> sp. (persimmon).....	Japan.....			1	Hawaii.
<i>Eurya yakushimensis</i>	do.....			1	D.C.
<i>Leptoglossus chiliensis</i> (Spin.) (Coreidae):					
<i>Vitis</i> sp. (grape).....	Chile.....	43			N.Y.
<i>Lethocerus indicus</i> (Lep. & Serv.) (Belostomidae):					
Mail bag.....	West Pacific.....	1			Hawaii.
<i>Leucaspis cockerelli</i> (de Charm.) (Coccidae):					
<i>Brassia</i> sp. (orchid).....	Canal Zone.....			1	N.J.
<i>Broughtonia</i> sp.....	Jamaica.....			1	Fla.
<i>Citrus aurantifolia</i> (lime).....	Panama.....			1	Calif.*
<i>Citrus grandis</i> (pummelo).....	Hawaii.....	2			Calif.*
<i>Citrus paradisi</i> (grapefruit).....	Cuba, Jamaica, Panama.....			4	Calif.*
<i>Citrus sinensis</i> (orange).....	Panama.....			2	Calif.*
<i>Roystonia regia</i> (royal palm).....	Dominican Republic.....			2	Fla.
<i>Vanda teres</i> (orchid).....	Martinique.....			1	N.J.
<i>Leucaspis loewi</i> Colvée (Coccidae):					
<i>Pinus sylvestris</i> (Scotch pine).....	France.....			1	D.C.
<i>Leucaspis pusilla</i> Loew (Coccidae):					
<i>Pinus</i> sp. (pine).....	Portugal.....	1			N.Y.
<i>Leucaspis riccae</i> Targ. (Coccidae):					
<i>Ephedra</i> sp.....	Italy.....			1	D.C.
<i>Olea europaea</i> (olive).....	Greece.....			1	Mass.
<i>Leucinodes orbonatis</i> Guen. (Pyraustidae):					
<i>Solanum melongena</i> (eggplant).....	Nigeria.....			1	Ala.
<i>Ligyrocoris aurivilliana</i> (Dist.) (Lygaeidae):					
<i>Capsicum frutescens</i> (pepper).....	Mexico.....	1			Ariz.
<i>Cucumis melo cantalupensis</i> (cantaloupe).....	do.....	1			Ariz.
Orchid.....	Guatemala, Mexico.....			2	Tex.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Lygyrocoris nitidicollis</i> (Stal) (Lygaeidae):					
Orchid.....	Costa Rica, Mexico.....			2	Tex.
<i>Limax marginatus</i> (Muller) (Mollusca):					
<i>Brassica rapa</i> (turnip).....	Australia.....	1			Mass.
Bromeliad.....	Costa Rica.....		1		Fla.
<i>Daucus carota</i> (carrot).....	Australia.....	1			Wash.
<i>Nepenthes</i> sp.....	Japan.....		1		Hawaii.
Orchid.....	Costa Rica, Guatemala, Mexico.....		7		Fla., Tex.
<i>Persea americana</i> (avocado).....	Cuba.....	1			Pa.
Soil with carnation, chrysanthemum, and geranium plants.....	Argentina.....		1		Fla.
Soil with liliaceae bulb.....	Mexico.....		1		Tex.
<i>Limax maximus</i> L. (Mollusca):					
Moss packing with fig plant.....	Italy.....		1		N.Y.
<i>Limothrips denticornis</i> Hal. (Thripidae):					
<i>Convallaria majalis</i> (lily-of-the-valley).....	Denmark.....		2		N.Y.
<i>Hordeum vulgare</i> (barley).....	Poland.....	1			N.Y.
<i>Triticum aestivum</i> (wheat).....	do.....	1			N.Y.
<i>Lineaspis striata</i> (Newst.) (Coccidae):					
<i>Juniperus oxycedrus</i> (prickly juniper).....	Portugal.....		1		D.C.
<i>Listroderes costirostris obliquus</i> (Klug) (Curculionidae):					
Wood.....	Hawaii.....	1			Hawaii.
<i>Listroderes subcineta</i> Boh. (Curculionidae):					
<i>Prunus domestica</i> (plum).....	Chile.....	1			N.Y.
<i>Lobesia botrana</i> (Schiff.) (?) (Olethreutidae):					
<i>Vitis</i> sp. (grape).....	Italy.....	1			N.Y.
<i>Luzulaspis kondarensis</i> Borchs. (Coccidae):					
<i>Bromus</i> sp. (brome).....	Iran.....		1		D.C.
<i>Lycophotia ornea</i> (Druce) (Noctuidae):					
<i>Chamaedorea oblongata</i>	Mexico.....	1			Tex.
<i>Lyctozylon japonum</i> Reitt. (Lyctidae):					
Bamboo.....	Japan.....	1			Calif.*
<i>Lyctus africanus</i> Lesne (Lyctidae):					
Bamboo.....	do.....	1			Pa.
Wood.....	India.....	3			Ill., N.Y.
<i>Lyctus brunneus</i> (Steph.) (Lyctidae):					
Palm wood drum.....	Kenya.....	1			Va.
<i>Lygaeus albo-ornatus</i> Blanch. (Lygaeidae):					
<i>Allium cepa</i> (onion).....	Chile.....	1			N.Y.
<i>Lygus gemellatus</i> (Hsiao-Sailer) (Miridae):					
<i>Cichorium intybus</i> (escarole).....	Italy.....		1		N.Y.
<i>Malacosoma neustria</i> (L.) (Lasiocampidae):					
<i>Prunus</i> sp. (cherry).....	Japan.....		1		Hawaii.*
<i>Mamestra brassicae</i> (L.) (Phalaenidae):					
<i>Brassica oleracea capitata</i> (cabbage).....	Belgium.....		1		Tex.
<i>Maruca testulalis</i> (Geyer) (Pyraustidae):					
<i>Cajanus cajan</i> (pigeonpea).....	Puerto Rico.....	2			P.R.
<i>Canavalia</i> sp. (mauna loa).....	Hawaii.....	16			Calif.,* Hawaii.
<i>Phaseolus lunatus</i> (civet bean).....	do.....		1		Calif.*
<i>Phaseolus vulgaris</i> var. (string bean).....	Brazil, Ghana, Japan, Puerto Rico.....	5	4		Ala., Calif.,* Ill., Mass., N.Y., P.R., St. Thomas and St. John.
<i>Pisum sativum</i> (pea).....	Puerto Rico.....	1			Ill.
<i>Melipotis famelica</i> (Guen.) (Noctuidae):					
Airplane.....	Bahamas.....		1		Fla.
<i>Metamasius sericeus</i> (Oliv.) (Curculionidae):					
<i>Musa paradisiaca sapientum</i> (banana).....	Ecuador, Honduras, unknown.....	61			Calif.,* La., Md., N.Y., Pa., S.C., Tex.
<i>Metamasius sericeus sericeus</i> (Oliv.) (Curculionidae):					
<i>Musa paradisiaca sapientum</i> (banana).....	Ecuador.....	1			N.Y.
<i>Microtus ericace</i> (Gyll.) (Curculionidae):					
<i>Calluna vulgaris</i> (heather).....	Scotland.....	3			Mass., N.Y.
<i>Microcerotermes arboreus</i> Emerson (Termitidae):					
Orchid.....	Grand Cayman.....			1	Fla.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued
[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Micrualis apicalis</i> Godg. (Membracidae): Herbaceous plants.	Cuba	1			N.Y.
<i>Milax gagates</i> (Drap.) (?) (Mollusca): <i>Lactuca sativa</i> (lettuce)	Germany		1		Mich.
<i>Mimosestes sallaci</i> (Sharp) (Bruchidae): <i>Acacia farnesiana</i> (sweet acacia)	Hawaii	1			Hawaii.
Legume	do.	1			Hawaii.
<i>Cordia</i> sp.	do.	1			Hawaii.
<i>Minthea rugicollis</i> (Wlk.) (Lyctidae): Hardwood lumber.	India	1			Ala.
<i>Molorchus minor</i> (L.) (Cerambycidae): Wood	Denmark	1			N.Y.
<i>Monanthia monotropidia</i> Stal (Tingidae): Orchid	Brazil		1		Calif.
<i>Monomorium destructor</i> (Jord.) (Formicidae): <i>Aponogeton</i> sp.	Ceylon		1		N.Y.
<i>Citrus sinensis</i> (orange)	Jamaica	1			S.C.
<i>Oryza sativa</i> (rice)	Australia		1		S.C.
<i>Morganella longispina</i> (Morg.) (Coccidae): <i>Citrus paradisi</i> (grapefruit)	Tahiti		2		Calif., * Hawaii.
<i>Citrus reticulata</i> (Mandarin orange)	Japan	1	8		Calif., *
<i>Citrus sinensis</i> (orange)	do.		2		Calif., *
<i>Dendrobium gordonii</i> (orchid)	Fiji Islands		1		Hawaii.*
<i>Nerium oleander</i> (oleander)	Bermuda	1			Mass.
Plant—unknown	Philippines	1			Calif., *
<i>Mormidea pictiventris</i> Stal (Pentatomidae): Orchid	Bahamas		1		Fla.
<i>Mycus ascalonicus</i> Donc. (Aphidae): <i>Lactuca sativa</i> (lettuce)	England, Sweden		2		Ill., Pa.
<i>Tulipa</i> sp. (tulip)	Netherlands		1		N.J.
<i>Nasutitermes corniger</i> (Motsch.) (Termitidae): Bromeliad	Panama		1		Fla.
Wood—unknown	do.	1			Fla.
<i>Nasutitermes costalis</i> (Holmgren) (Termitidae): Wood crating	Puerto Rico	1			S.C.
<i>Naupactus xanthographus</i> (Germ.) (Curculionidae): <i>Cucumis melo</i> (melon)	Chile	1			N.Y.
<i>Vitis</i> sp. (grape)	do.	6			N.Y.
<i>Neodryocetes guianae</i> Bkln. (Scolytidae): <i>Ceratonia siligua</i> (St. Johns bread)	Trinidad	1			Fla.
<i>Neoleucinodes elegantalis</i> (Guen.) (Pyraustidae): <i>Lycopersicon esculentum</i> (tomato)	Mexico	4			Tex.
<i>Solanum melongena</i> (eggplant)	Brazil		1		Pa.
<i>Solanum quitoense</i>	Ecuador	1			Fla.
<i>Neoleucon rubrotylus</i> Carvalho (Miridae): <i>Dieffenbachia</i> sp.	Mexico		1		Tex.
<i>Monstera deliciosa</i>	do.		1		Tex.
<i>Philodendron</i> sp.	do.		2		Tex.
<i>Neotermes chilensis</i> (Blanchard) (Kalotermitidae): <i>Vitis</i> sp. (grape)	Chile	1			N.Y.
<i>Nephotettix apicalis</i> (Mots.) (Cicadellidae): Airplane	Japan (?)		1		Hawaii.
<i>Nephotettix bipunctatus</i> (F.) (Cicadellidae): Airplane	India (?), Philippines		2		Fla., Hawaii.
<i>Nezara viridula</i> (L.) (Pentatomidae): <i>Brassica chinensis</i> (Chinese cabbage)	Mexico	1			Ariz.
<i>Capsicum frutescens</i> (pepper)	Puerto Rico	1			P.R.
<i>Vigna sinensis</i> (cowpea)	Mexico	1			Tex.
<i>Vitis</i> sp. (grape)	Chile	9			N.Y.
<i>Zantedeschia aethiopica</i> (calla lily)	Haiti	1			Fla.
<i>Nipponaclerda biwakoensis</i> (Kuw.) (Coccidae): <i>Juncus</i> sp. (rush)	Japan	2	1		Calif.
<i>Noropsis hieroglyphica</i> (Cram.) (Noctuidae): Airplane	Venezuela		1		Fla.
<i>Ananas comosus</i> (pineapple)	Cuba	1			N.Y.
<i>Nysius coenosulus</i> Stal (Lygaeidae): <i>Vanda</i> sp. (orchid)	Hawaii	1			Hawaii.
<i>Nysius raphanus</i> Howard (Lygaeidae): Orchid	Guatemala		1		Tex.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Nysius vinitor</i> (Bergroth) (Lygaeidae):					
<i>Lactuca sativa</i> (lettuce)	Australia		1		Hawaii.
<i>Orbrium cantharinum</i> (L.) (?) (Cerambycidae):					
Wooden crate	France	1			N.Y.
<i>Odonaspis ruthae</i> Kot. (Coccidae):					
<i>Cynodon dactylon</i> (Bermuda grass)	Kenya		1		D.C.
<i>Oebalus insularis</i> Stal (Pentatomidae):					
Orchid	Mexico			1	Tex.
<i>Oedancala bimaculata</i> (Dist.) (Lygaeidae):					
Orchid	do.			1	Tex.
<i>Ogdoecosta catenulata</i> (Boh.) (Chrysomelidae):					
Bromeliad	do.			1	Tex.
<i>Olethreutes leucotreta</i> (Meyr.) (Olethreutidae):					
<i>Citrus paradisi</i> (grapefruit)	Union of South Africa		1		Tex.
<i>Citrus sinensis</i> (orange)	do.		1		Mass.
<i>Oligonychus perditus</i> P. & B. (Tetranychidae):					
<i>Thuja</i> sp. (arborvitae)	Japan			1	Wash.
<i>Opogona subcervinella</i> (Wlk.) (Tineidae):					
With dahlias and gladiolus	Portugal			1	Mass.
<i>Opuntiaspis carinata</i> (Ckll.) (Coccidae):					
Orchid	Mexico			1	N.J.
<i>Orchidophilus aterrimus</i> (Waterh.) (Curculionidae):					
<i>Alpinia purpurata</i>	Hawaii	1			Hawaii.
<i>Anthurium</i> sp.	do.	1			Hawaii.
<i>Dendrobium undulatum</i> (orchid)	Indonesia			1	Hawaii.
<i>Vanda joaquimae</i> (orchid)	Hawaii	1			Hawaii.
<i>Vanda</i> sp.	do.	26			Hawaii.
<i>Orthezia pseudinsignis</i> Morr. (Coccidae):					
<i>Citrus</i> sp.	Mexico	1			Ariz.
<i>Punica granatum</i> (pomegranate)	do.	1			Tex.
<i>Ortholomus jamaicensis</i> (Dallas) (Lygaeidae):					
Airplane	Costa Rica		1		Fla.
<i>Oryctolus allarius</i> (Muller) (Mollusca):					
<i>Pelargonium</i> sp. (geranium)	Netherlands			1	N.Y.
Soil with shamrock	Ireland			1	Mich.
<i>Orydema fustiforme</i> Woll. (Curculionidae):					
<i>Alpinia</i> sp. (red ginger)	Hawaii	1			Hawaii.
<i>Dendrobium</i> sp. (orchid)	do.	1			Hawaii.
<i>Macadamia</i> sp.	do.	1			Hawaii.
Mail parcel	do.	2			Hawaii.
Suitcase	Midway Islands	1			Hawaii.
<i>Orygryllus ruginasus</i> (Lec.) (Scorabaeidae):					
<i>Triticum aestivum</i> (wheat)	Mexico		1		Calif.
<i>Ozophora concava</i> (Dist.) (Lygaeidae):					
Cycad	do.			1	Tex.
<i>Ozophora consanguineus</i> (Dist.) (Lygaeidae):					
<i>Agave</i> sp.	do.			1	Ariz.
<i>Pachodynerus nasidens</i> (Latr.) (Vespidae):					
Airplane	do.			1	Tex.
<i>Pachybrachius albocinctus</i> Barber (Lygaeidae):					
<i>Hibiscus esculentus</i> (okra)	Cuba	1			La.
<i>Pachybrachius nigripes</i> (Dallas) (Lygaeidae):					
Airplane	South Pacific			1	Hawaii.
<i>Pachygrontha oedancalodes</i> Stal (Lygaeidae):					
Orchid	Mexico			1	Tex.
<i>Pachyzancla bipunctalis</i> (F.) (?) (Pyraustidae):					
<i>Ambrosia peruviana</i> ("altamisa")	Puerto Rico	1			Ill.
<i>Pachyzancla peruvialis</i> (Wlk.) (Pyraustidae):					
<i>Capsicum frutescens</i> (pepper)	do.	1			Ill.
<i>Solanum</i> sp.	do.	1			Ill.
<i>Pagicerus fiorii</i> (Eggers) (Scolytidae):					
<i>Zea mays</i> (corn)	Ecuador, Peru	4			Fla., La
<i>Palaeocorynus nigrosignatus</i> Duviv. (Curculionidae):					
Log—unknown	French West Africa	1			S.O.
<i>Palaeopus costicollis</i> Mshl. (Curculionidae):					
<i>Dioscorea</i> sp. (yam)	Jamaica	1			N.Y.
<i>Paragonatus divergens</i> (Dist.) (Lygaeidae):					
Airplane	Mexico		1		Tex.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Parlatoria camelliae</i> Comst. (Coccidae):					
<i>Bursera</i> sp. (box).....	Iran.....	---	---	1	D.C.
<i>Camellia japonica</i>	Japan, Portugal, Switzerland.	1	---	2	Calif.,* Hawaii, N.Y.
<i>Camellia sasanqua</i> (sasanqua camellia).....	Japan.....	---	---	2	D.C.
<i>Camellia</i> sp.....	Japan, Portugal.....	---	---	9	Calif.,* D.C., Hawaii.
<i>Eurya japonica</i>	Japan.....	---	1	---	Pa.
<i>Parlatoria cinerea</i> Hadden (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime).....	Mexico.....	---	1	---	Calif.*
<i>Citrus limon</i> (lemon).....	Argentina, unknown.....	1	1	---	Calif.*
<i>Citrus paradisi</i> (grapefruit).....	Canal Zone, Colombia, Tahiti, Trinidad, unknown.	1	5	---	Calif.,* Hawaii.
<i>Citrus sinensis</i> (orange).....	Argentina, Brazil, Canal Zone, Panama.	2	5	---	Calif.,* Fla.
<i>Parlatoria citri</i> McKenzie (Coccidae):					
<i>Citrus</i> sp.....	Thailand.....	1	---	---	Hawaii.
<i>Parlatoria crotonis</i> Dougl. (Coccidae):					
<i>Codiaeum variegatum</i> (codieum).....	Cuba, Hawaii.....	4	---	---	Fla., Hawaii.
<i>Parlatoria oleae</i> (Colvee) (Coccidae):					
<i>Malus sylvestris</i> (apple).....	Greece, Italy.....	2	---	---	Mass., N.Y.
<i>Olea europaea</i> (olive).....	Greece.....	1	---	---	Mass.
<i>Prunus amygdalus</i> (almond).....	do.....	---	1	---	Mass.
<i>Prunus armeniaca</i> (apricot).....	Italy.....	---	1	---	D.C.
<i>Rosa</i> sp.....	Iran.....	---	1	---	D.C.
<i>Parlatoria proteus</i> (Curt.) (Coccidae):					
<i>Ascentrum</i> sp.....	Jamaica.....	---	---	1	Fla.
<i>Parlatoria pseudaspidiotus</i> Ldgr. (Coccidae):					
Orchid.....	Indonesia, New Zealand.....	---	---	2	Calif.,* Hawaii.*
<i>Vanda hookeriana</i> (orchid).....	Indonesia.....	---	---	1	N.J.
<i>Vanda teres</i>	do.....	---	---	1	N.J.
<i>Vanda</i> sp.....	American Samoa, Colombia, Panama.	1	---	2	Fla., Hawaii.
<i>Parlatoria zizyphus</i> (Lucas) (Coccidae):					
<i>Citrus aurantifolia</i> (lime).....	Hawaii, Thailand.....	2	---	---	Calif.,* Hawaii.
<i>Citrus aurantifolia</i> (sour lime).....	China, Japan.....	---	2	---	Calif.*
<i>Citrus grandis</i> (pummelo).....	China, Federation of Malaya, Formosa, Hong Kong, Japan, Philippines, Singapore, South Pacific.	5	7	---	Calif.,* Hawaii.
<i>Citrus limon</i> (lemon).....	Italy, Japan, unknown.....	3	8	---	Calif.*
<i>Citrus paradisi</i> (grapefruit).....	French West Africa, Japan, Tunisia.	---	3	---	Calif.,* Mass., Pa.
<i>Citrus reticulata</i> (Mandarin orange).....	Algeria, China, Formosa, France, French West Africa, Hong Kong, unknown.	5	9	---	Calif.,* Hawaii, Mass., Tex.
<i>Citrus sinensis</i> (orange).....	Algeria, China, France, Italy, Japan, Morocco, Spain.	1	9	---	Calif.,* Mass., Pa.
<i>Citrus</i> sp.....	Cuba.....	1	---	---	Fla.
<i>Parmena balteatus</i> (L.) (Cerambycidae):					
<i>Allium sativum</i> (garlic).....	Italy.....	1	---	---	N.Y.
<i>Paromius longulus</i> (Dallas) (Lygaeidae):					
Airplane.....	Guatemala.....	---	1	---	Fla.
Bromeliad.....	Honduras.....	---	---	1	Fla.
Orchid.....	Mexico.....	---	---	2	Tex.
<i>Rosa</i> sp. (rose).....	Guatemala.....	1	---	---	Fla.
<i>Pectinophora gossypiella</i> (Saund.) (Gelechiidae):					
<i>Gossypium</i> sp. (cotton; boll).....	Jamaica, Mexico.....	3	1	---	Fla., Tex.
<i>Gossypium</i> sp. (cottonseed).....	Anglo-Egyptian Sudan, Antigua, Cuba, Eleuthera Island, Hawaii, Mexico, Paraguay.	5	1	1	Calif.,* Fla., La., N.J., Tex.
<i>Gossypium</i> sp. (seed cotton).....	Mexico.....	1	5	---	Ariz., Tex.
<i>Hibiscus esculentus</i> (okra).....	Barbados, Dominican Republic, Mexico.	2	1	---	N.Y., Pa., Tex.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Pectinophora gossypiella</i> (Saund.) (?) (Gelechiidae): Malvaceae seed	Angola			1	D.C.
<i>Pentalonia nigronervosa</i> Coq. (Aphidae): Caladium sp.	Trinidad	1			Va.
<i>Pentamerismus oregonensis</i> McG. (Tenuipalpidae): Juniperus chinensis (Chinese juniper)	Japan			1	Hawaii.*
<i>Pentodon punctatus</i> Villers (Scarabaeidae): Soil with thistle	Italy			1	N.Y.
<i>Perkinsiella saccharicida</i> Kirk. (Delphacidae): Airplane	Hawaii		3		Hawaii.
<i>Pheidole megacephala</i> (F.) (Formicidae): Ananas comosus (pineapple)	Cuba	5			La., N.Y.
Artocarpus communis (breadfruit)	do	1			N.Y.
Asplenium sp. (fern)	Palmyra Island			1	Hawaii.
Cajanus cajan (pigeonpea)	Bahamas	1			Fla.
Cordyline terminalis (ti)	Hawaii	1			Hawaii.
Izora sp.	Guam			1	Hawaii.*
Rumex sp. (sorrel)	Panama	1			Fla.
<i>Phelomerus aberrans</i> (Sharp) (Bruchidae): Cassia fistula (golden-shower)	Venezuela	1			N.Y.
Cassia sp.	Brazil			1	D.C.
<i>Phenacaspis dendrobii</i> Kuw. (Coccidae) (tentative): Dendrobium sp. (orchid)	Singapore			1	Hawaii.
Rhynchostylis retusa (orchid)	Indonesia			2	Hawaii, Hawaii.*
<i>Phenacoccus gossypii</i> Towns. & Kell. (Coccidae): Lilium sp. (lily)	Bermuda	1			N.Y.
Pelargonium sp. (geranium)	Mexico			1	Calif.
Sechium edule (chayote)	do			1	Calif.
<i>Phenacoccus hirsutus</i> Green (Coccidae): Piper nigrum (black pepper)	Thailand			1	D.C.
<i>Phera centrolineata</i> (Sign.) (Cicadellidae): Gladiolus sp.	Mexico	1			Calif.*
<i>Philaenus leucophthalmus</i> (L.) (Cercopidae): Soil with fir trees	Canada			1	N.J.
<i>Phloeotribus scarabaeoides</i> (Bern.) (Scolytidae): Olea europaea (olive)	Italy	1			N.Y.
<i>Phlyctinus callosus</i> Boh. (Curculionidae): Vitis sp. (grape)	Union of South Africa	4			N.Y.
<i>Phliodoformus advena</i> Zimm. (Curculionidae): Plumeria sp.	Hawaii			1	Hawaii.
<i>Phyllocnistis citrella</i> Stainton (Gracilariidae): Citrus aurantifolia (sour lime)	Philippines		1		Calif.*
<i>Phyllocnistis saligna</i> Zell. (Gracilariidae): Citrus sinensis (orange)	Japan		1		Calif.*
<i>Phytomyza rufipes</i> Meig. (Agromyzidae): Brassica oleracea acephala (kale)	Sweden		1		Pa.
Brassica oleracea botrytis (cauliflower)	Belgium, England, France, Germany, Netherlands, Poland, Sweden		29		Fla., Pa., Tex.
Brassica oleracea capitata (cabbage)	England		2		Pa.
Brassica rapa (turnip)	Belgium		1		Pa.
Cichorium endivia (endive)	Belgium, Netherlands	2			N.Y.
Cichorium intybus (chickory)	Belgium	3			N.Y.
<i>Piezodorus rubrofasciatus</i> (F.) (Pentatomidae): Airplane	Japan		1		Hawaii.
<i>Pinnaspis buzi</i> (Bouche) (Coccidae): Anthurium sp.	Hawaii			1	Hawaii.
Cordyline terminalis (ti)	do	14		2	Hawaii.
Cordyline sp.	do	3		2	Calif.,* Hawaii.
Dendrobium sp. (orchid)	New Guinea			1	Hawaii.
Monstera sp.	Hawaii			1	Hawaii.
Neomoorea irrorata (orchid)	Canal Zone			2	Hawaii, Hawaii.*
Philodendron sp.	Costa Rica, Hawaii			2	Fla., Hawaii
Plant—unknown	Japan		1		Calif.*
<i>Pinnaspis caricis</i> Ferris (Coccidae): Liriope graminifolia (mondo grass)	Hawaii			1	Hawaii.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued
[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Pinnaspis uniloba</i> (Kuw.) (Coccidae):					
Leaf—unknown	Japan	---	1	---	Calif.*
<i>Pityogenes chalcographus</i> (L.) (Scolytidae):					
Wooden crate	Belgium, Sweden	2	---	---	Fla., Mass.
<i>Plagiodera semivittata</i> Stal (Chrysomelidae):					
Orchid	Mexico	---	---	1	Tex.
With orchids and bromeliads	do	---	---	1	Ariz.
<i>Plagiodera thymaloidea</i> Stal (Chrysomelidae):					
Bromeliaceae	Honduras	---	---	1	Calif.*
<i>Laelia anceps</i> (orchid)	Mexico	---	---	1	Tex.
Orchid	do	---	---	8	Tex.
<i>Planococcus hoznyi</i> Ezzai & McConnell (Coccidae):					
Orchid	Liberia	---	---	1	N.Y.
<i>Platynota rostrana</i> (Wlk.) (Tortricidae):					
<i>Capsicum frutescens</i> (pepper)	Cuba	2	---	---	Fla., N.Y.
<i>Capsicum frutescens grossum</i> (bell pepper)	do	1	---	---	N.Y.
<i>Gossypium</i> sp. (cotton; boll)	Mexico	1	---	---	Tex.
<i>Lycopersicon esculentum</i> (tomato)	Dominican Republic	1	---	---	Md.
<i>Musa paradisiaca</i> (plantain)	Cuba	1	---	---	Fla.
<i>Secium edule</i> (chayote)	Panama	1	---	---	N.Y.
<i>Platypus rugulosus</i> Chap. (Platypodidae):					
<i>Copaifera hemitomophylla</i> ("cative")	Colombia	3	---	---	Ga.
<i>Plusia chalcites</i> (Esp.) (Noctuidae):					
Airplane	Hawaii, Japan	---	2	---	Hawaii.
<i>Cordylone terminalis</i> (ti)	Hawaii	1	---	---	Hawaii.
" <i>Potiaspis</i> " <i>pini</i> Mask. (Coccidae):					
<i>Pinus pentaphylla</i>	Japan	---	---	1	Calif.*
<i>Pinus</i> sp., near <i>densiflora</i>	do	---	---	1	Calif.*
<i>Pinus</i> sp. (2-leaved pine)	do	---	3	---	Calif.*
<i>Pinus</i> sp. (pine)	do	---	1	1	Mass. Calif.,* Pa.
<i>Porphyrobaphis iostoma</i> (Sowerby) (Mollusca):					
<i>Musa paradisiaca sapientum</i> (banana)	Ecuador	6	---	---	Calif.,* La., N.Y., Pa.
<i>Prays endocarpa</i> Meyr. (Hyponomeutidae):					
<i>Citrus grandis</i> (pummelo)	Federation of Malaya	---	1	---	Calif.*
<i>Prays oleellus</i> (F.) (Hyponomeutidae):					
<i>Olea europaea</i> (olive)	Italy	1	---	---	N.Y.
<i>Procryptotermes hubbardi</i> (Banks) (Kalotermitidae):					
<i>Burus</i> sp. (box)	Mexico	1	---	---	Ariz.
<i>Prodenia litura</i> (F.) (Noctuidae):					
Airplane	Australia(?), Japan(?), West Pacific	---	3	---	Hawaii.
<i>Protactia orientalis</i> (Gory & Perch.) (Scarabaeidae):					
Airplane	Japan	---	1	---	Hawaii.
<i>Protopulvinaria pyriformis</i> (Ckll.) (Coccidae):					
<i>Brassaia actinifolia</i>	Bahamas	---	1	---	N.Y.
<i>Izora</i> sp.	Trinidad	---	---	1	Fla.
Leaf—unknown	Barbados	1	---	---	Mass.
<i>Schefflera digitata</i>	Bahamas	---	1	---	N.Y.
<i>Pseudaonidia clavigera</i> (Ckll.) (Coccidae):					
<i>Rhododendron</i> sp. (azalea)	Japan	---	---	1	Calif.*
<i>Pseudaonidia curculiginis</i> (Green) (Coccidae):					
<i>Cyrtidium atropurpureum</i> (orchid)	Philippines	---	---	1	Calif.*
<i>Pseudaonidia daruylti</i> (de Charm.) (Coccidae):					
<i>Rauwolfia</i> sp.	New Caledonia	1	---	---	D.C.
<i>Pseudaonidia paeoniae</i> (Ckll.) (Coccidae):					
<i>Cotoneaster</i> sp.	Japan	---	---	2	Hawaii, Hawaii.*
<i>Pseudaonidia tessarata</i> de Charm. (Coccidae):					
<i>Reinhardtia</i> sp. (palm)	Mexico	---	---	1	Tex.
<i>Pseudaonidia trilobitiformis</i> Green (Coccidae):					
<i>Citrus aurantifolia</i> (lime)	Bolivia	1	---	---	Calif.*
<i>Citrus limon</i> (lemon)	Argentina, Brazil	---	2	---	Calif.,* Fla.
<i>Citrus sinensis</i> (orange)	Argentina	---	1	---	Calif.*
<i>Izora</i> sp.	Colombia, Trinidad	---	---	3	Fla.
Leaf—unknown	Barbados	1	---	---	Mass.
<i>Myristica fragrans</i> (nutmeg)	Trinidad	---	---	1	Fla.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued
[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Pseudischynaspis alienus</i> (Newst.) (Coccidae):					
<i>Anthurium</i> sp.	Mexico			1	Tex.
<i>Brassavola digbyana</i> (orchid)	Honduras			1	Fla.
<i>Cattleya</i> sp. (orchid)	British Honduras, Honduras, Venezuela			5	Fla., N.J., Tex.
<i>Epidendrum</i> sp. (orchid)	Salvador			1	Fla.
Orchid	British Honduras, Canal Zone, Costa Rica, El Salvador, Honduras, Mexico, Venezuela			14	Ariz., Calif.,* Fla., P.R., Tex.
<i>Schomburgkia</i> sp. (orchid)	Nicaragua			1	Fla.
<i>Pseudischynaspis bowreyi</i> (Ck11.) (Coccidae):					
<i>Agave</i> sp.	Cuba			1	Fla.
<i>Cannabis sativa</i> (hemp)	do			1	N.Y.
<i>Pseudischynaspis longissima</i> (Ck 11.) (Coccidae):					
<i>Mangifera indica</i> (mango)	Nicaragua	1			Calif.*
Orchid	Mexico			1	Ariz.
<i>Pseudococcus azaleae</i> (Tins.) (Coccidae):					
<i>Diospyros kaki</i> (kaki persimmon)	Japan	1			Hawaii.
<i>Pseudococcus citricus</i> (Ezzat & McConnell) (Coccidae):					
<i>Annona</i> sp.	Azores	1			Mass.
<i>Citrus sinensis</i> (orange)	Greece	1			N.Y.
<i>Pilea pubescens</i>	Italy			1	D.O.
<i>Pseudococcus cualatensis</i> (Ck11.) (Coccidae):					
<i>Yucca</i> sp.	Mexico			1	Tex.
<i>Pseudococcus gahani</i> Green (Coccidae):					
<i>Oreopanax</i> sp.	France			1	D.O.
<i>Prunus domestica</i> (plum)	Chile	1			N.Y.
<i>Pyrus communis</i> (pear)	do	1			N.Y.
<i>Rhododendron supranubium</i>	Scotland			1	D.O.
<i>Rhododendron zeylanicum</i>	do			1	D.O.
<i>Schefflera delavayi</i>	France			1	D.O.
<i>Pseudococcus kraunhiae</i> (Kuw.) (Coccidae):					
<i>Diospyros kaki</i> (kaki persimmon)	Japan		1		Hawaii.
<i>Diospyros</i> spp. (persimmon)	do	1			Hawaii.
<i>Pseudococcus lilacinus</i> Ck11. (Coccidae):					
<i>Lansium domesticum</i> (langsat)	Philippines	1			Hawaii.
<i>Lansium</i> sp.	do			1	Hawaii.
<i>Pseudococcus palmarum</i> (Ehrh.) (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Hawaii, Kwajalein	10	1	1	Calif.,* Hawaii, Wash.
<i>Pseudococcus pandani</i> Ck11. (Coccidae):					
<i>Pandanus</i> sp.	Ponape			1	Hawaii.*
<i>Pseudodiaspis yuccae</i> (Ck11.) (Coccidae):					
<i>Cactus</i>	Mexico			3	Ariz.
<i>Carnegiea gigantea</i> ("pitaya" cactus)	do			1	Ariz.
<i>Pseudoparlatoria ostreata</i> Ck11. (Coccidae):					
<i>Carica papaya</i> (papaya)	Cuba	1			Fla.
<i>Epidendrum</i> sp. (orchid)	Mexico			1	Tex.
<i>Oncidium pulchellum</i> (orchid)	Jamaica			1	Hawaii.
<i>Oncidium</i> sp.	El Salvador			1	Fla.
Orchid	Guatemala, Honduras			2	Fla., Tex.
<i>Pseudothrips glaucus</i> Bagn. (?) (Thripidae):					
<i>Erica albens</i>	Union of South Africa	1			N.Y.
<i>Psylliodes chrysocephala</i> (L.) (Chrysomelidae):					
<i>Brassica rapa</i> (turnip)	France		1		Pa.
<i>Pulvinaria camelicola</i> Sign. (Coccidae):					
<i>Camellia japonica</i> (camellia)	England			1	Wash.
<i>Pulvinaria floccifera</i> (Westw.) (Coccidae):					
<i>Camellia sasanqua</i> (sasanqua camellia)	Portugal			1	D.O.
<i>Pulvinaria psidii</i> Mask. (Coccidae):					
<i>Bryophyllum</i> sp.	Hawaii			1	Hawaii.
<i>Gardenia augusta</i> (gardenia)	Hawaii, Japan	2			Hawaii.
<i>Litchi chinensis</i> (lychee)	Hawaii			2	Hawaii.
Plant—unknown	do	1			Hawaii.
<i>Sedum</i> sp.	Bermuda			1	Mass.
<i>Pulvinaria urbicola</i> Ck11. (Coccidae) (tentative):					
<i>Malpighia punicifolia</i> (acerola)	Puerto Rico			1	Hawaii.*
<i>Pulvinaria vitis</i> (L.) (Coccidae):					
<i>Acer</i> sp. (maple)	France		1		Ill.
<i>Prunus persica</i> (peach)	Canada			1	N.J.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued
[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Puto mexicanus</i> (Ck11.) (Coccidae):					
<i>Pelargonium</i> sp. (geranium).....	Mexico.....			1	Tex.
<i>Yucca</i> sp.....	do.....			1	Ariz.
<i>Puto ulter</i> Ferris (Coccidae):					
<i>Cattleya bowringiana</i> (orchid).....	Guatemala.....			1	Calif.*
<i>Laelia superbiens</i> (orchid).....	do.....			2	Tex.
<i>Lycaste skinneri</i> (orchid).....	do.....			2	Calif.,* Tex.
<i>Odontoglossum grande</i> (orchid).....	do.....			1	Calif.*
<i>Odontoglossum pulchellum</i>	do.....			1	Calif.*
Orchid.....	Costa Rica, Guatemala, Mexico.			5	Fla., Tex.
<i>Pyrausta nubilalis</i> (Hbn.) (Pyraustidae):					
<i>Capsicum frutescens</i> (pepper).....	Israel, Italy.....	1	1		N.Y.
<i>Cucumis sativus</i> (cucumber).....	Italy.....		1		La.
<i>Lycopersicon esculentum</i> (tomato).....	do.....		1		N.Y.
<i>Phaseolus vulgaris</i> var. (string bean).....	Japan.....		2		Calif.,* Wash.
<i>Sorghum vulgare technicum</i> (broomcorn).....	Yugoslavia.....		1		N.Y.
<i>Zea mays</i> (corn).....	Italy.....	1			Calif.*
<i>Pyrophorus no-titulus</i> (L.) (Elateridae):					
<i>Saccharum officinarum</i> (sugarcane).....	Cuba.....		1		Fla.
<i>Raglitus apicalis</i> (Dallas) (Lygaeidae):					
<i>Vitis</i> sp. (grape).....	Union of South Africa.....	1			N.Y.
<i>Reticulitermes flavipes</i> (Kollar) (Rhino-termitidae):					
Wooden box.....	Mexico.....	1			Tex.
<i>Reticulitermes tibialis</i> Banks (Rhino-termitidae):					
Cactus.....	do.....			1	Ariz.
<i>Rhagoletis cerasi</i> (Loew) (Tephritidae):					
<i>Prunus</i> sp. (cherry).....	Azores, Belgium, France, Germany, Italy, Portugal, Spain, Switzerland, unknown.	8	22		Ill., La., Mass., Mich., N.Y.
<i>Rhagoletis juglandis</i> Cress. (Tephritidae):					
<i>Juglans nigra</i> (black walnut).....	Mexico.....	1			Tex.
<i>Rhinocentrus stigma</i> (L.) (Curculionidae):					
<i>Hymenara courbaril</i> (courbaril).....	Panama.....		1		Fla.
<i>Rhinostomus barbrostris</i> (F.) (Curculionidae):					
<i>Cocos nucifera</i> (coconut).....	Honduras.....		2		La.
<i>Rhoeocoris sulciventris</i> (Stal) (?) (Pentatomidae):					
<i>Gladiolus</i> sp.....	Australia.....		1		Hawaii.
<i>Rhopalosiphum crataegillum</i> Theob. (Aphidae):					
<i>Malus</i> sp. (apple).....	Netherlands.....			1	N.J.
<i>Rhopalosiphum rufiabdominalis</i> (Sasaki) (Aphidae):					
Orchid.....	Mexico.....			1	Tex.
<i>Ribua innozia</i> Hein. (Phycitidae):					
<i>Ananas comosus</i> (pineapple).....	Cuba, Dominican Republic.....	21			Fla., La., N.Y.
<i>Ripersiella palastiniae</i> Hambl. (Coccidae):					
<i>Lilium</i> sp. (lily).....	Greece.....			1	N.Y.
<i>Rupela tinclella</i> (Wlk.) (Schoenobiidae):					
Airplane.....	Venezuela.....		1		Fla.
<i>Scolopostethus decoratus</i> (Hahn) (Lygaeidae):					
<i>Calluna vulgaris</i> (heather).....	Scotland.....			1	N.Y.
<i>Selenothrips rubrocinctus</i> (Giard) (Thripidae):					
<i>Mangifera indica</i> (mango).....	Puerto Rico.....			1	P.R.
<i>Sinozylon anale</i> Lesne (Bostrichidae):					
Wooden crate.....	India.....	1			N.Y.
<i>Sinozylon conigerum</i> Gerst. (Bostrichidae):					
Airplane.....	Hawaii.....		1		Hawaii.
Wood.....	India.....	1			Ala.
<i>Siphanta acuta</i> (Wlk.) (Flatidae):					
Flowers.....	Hawaii.....	1			Hawaii.
<i>Vanda joaquimiae</i> (orchid).....	do.....	1			Hawaii.
<i>Vanda</i> sp.....	do.....	1			Calif.*
<i>Sitona lineata</i> (L.) (Curculionidae):					
Moss.....	Netherlands.....			1	N.J.
<i>Spanioneura fonscolombei</i> Foerst. (Psyllidae):					
<i>Buxus sempervirens</i> (box).....	Italy.....			1	D.C.
<i>Spermophagus sericeus</i> Geoffr. (?) (Bruchidae):					
<i>Ipomoea tricolor</i> (tricolor morning-glory).....	do.....			1	D.C.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued
[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Stator limbatus</i> Horn (Bruchidae): <i>Puthecellobium brevifolium</i>	Mexico.....	---	---	1	D.C.
<i>Stator pruininus</i> (Horn) (Bruchidae): <i>Acacia</i> sp.....	do.....	---	---	1	Tex.
<i>Stenotarsonemus laticeps</i> (Halb.) (Tarsonemidae): <i>Narcissus</i> 'Osterfreude'.....	Germany.....	---	---	1	N.J.
<i>Narcissus</i> sp.....	England.....	---	---	1	N.J.
<i>Stenoma catenifer</i> Wism. (Stenomidae): <i>Persea americana</i> (avocado).....	Brazil, Colombia, Ecuador, El Salvador, Guatemala, Mexico, Nicaragua, Panama, Peru, Venezuela.....	21	6	---	Ala., Calif.,* Fla., La., Pa., Tex.
<i>Stenoma decora</i> (Zell.) (Stenomidae): <i>Theobroma cacao</i> (cacao).....	Trinidad.....	---	1	---	Ala.
<i>Stenopitilia stigmatodactyla</i> Zell. (Pterophoridae): <i>Gentiana</i> sp.....	Switzerland.....	1	---	---	N.Y.
<i>Stephanitis nashi</i> Esaki and Takeya (Tingidae): <i>Camellia sasanqua</i> (sasanqua camellia).....	Japan.....	---	---	1	D.C.
<i>Stephanitis pyrioides</i> Scott (Tingidae): <i>Rhododendron</i> sp. (azalea).....	do.....	---	---	1	Wash.
<i>Stephanoderes hampei</i> (Ferr.) (Scolytidae): <i>Coffea</i> sp. (coffee).....	Brazil, Egypt, India.....	3	2	---	Fla., N.Y., Tex., Va.
<i>Sternonchetus mangiferae</i> (F.) (Curculionidae): <i>Mangifera indica</i> (mango).....	Eniwetok(?), Guam, Hawaii, Philippines, Vietnam.....	82	25	11	Calif.,* Ga., Hawaii, Tex.
<i>Mangifera</i> sp.....	Australia.....	---	---	1	Hawaii.
<i>Stoeberhinus testaceus</i> Butl. (Gelechiidae): Airplane.....	Philippines.....	---	1	---	Hawaii.
<i>Spagrus fulvitaris</i> Pascoe (Curculionidae): Foliage.....	Hawaii.....	1	---	---	Hawaii.
<i>Sybra alternans</i> (Wied.) (Cerambycidae): <i>Bougainvillea</i> sp.....	do.....	1	---	---	Hawaii.
Clothing.....	do.....	1	---	---	Hawaii.
<i>Cordylus terminalis</i> (tl).....	do.....	---	1	---	Hawaii.
<i>Leucaena glauca</i>	do.....	1	---	---	Hawaii.
<i>Macadamia</i> sp.....	do.....	1	---	---	Hawaii.
<i>Momordica</i> sp.....	do.....	1	---	---	Hawaii.
<i>Operculina tuberosa</i> (wood-rose).....	do.....	2	---	---	Hawaii.
Paper.....	do.....	1	---	---	Hawaii.
<i>Synygria diffundens</i> (Wlk.) (Noctuidae): Soil samples.....	Mexico.....	1	---	---	Ariz.
<i>Systole geniculata</i> Foerster (Eurytomidae): Seeds—unknown.....	Dominican Republic.....	---	---	1	Fla.
<i>Taeniothrips atratus</i> (Hal.) (Thripidae): <i>Aster</i> sp.....	France.....	1	---	---	N.Y.
<i>Calluna vulgaris</i> (heather).....	England, Scotland.....	3	---	---	Ill., N.Y.
<i>Dahlia</i> sp.....	Germany.....	1	---	---	Mich.
Flowers.....	England, Netherlands.....	2	---	---	Mass., N.Y.
<i>Lathyrus odoratus</i> (sweetpeas).....	Unknown.....	---	1	---	Mass.
<i>Taeniothrips dianthi</i> Pr. (Thripidae): <i>Dianthus caryophyllus</i> (carnation).....	Germany.....	1	---	---	Mass.
<i>Taeniothrips ericae</i> (Hal.) (Thripidae): <i>Calluna vulgaris</i> (heather).....	Canada, Germany, Scotland.....	5	---	1	N.Y., Wash.
<i>Taeniothrips gracilis</i> Mlt. (Thripidae): <i>Lycoris squamigera</i> (autumn lycoris).....	Japan.....	---	---	1	Calif.*
<i>Lycoris</i> sp.....	do.....	---	---	9	Calif.,* N.J., N.Y.
<i>Tulipa</i> sp.....	do.....	---	---	1	N.Y.
<i>Taeniothrips hawaiiensis</i> (Morg.) (Thripidae): <i>Chrysanthemum</i> sp.....	do.....	---	1	1	Hawaii.
<i>Dianthus caryophyllus</i> (carnation).....	do.....	1	---	---	Hawaii.
<i>Gardenia augusta</i> (gardenia).....	Hawaii.....	23	---	---	Hawaii.
<i>Lilium longiflorum</i> (Easter lily).....	Japan.....	1	---	---	Hawaii.
<i>Plumeria acuminata</i> (Mexican frangipani).....	Hawaii.....	1	---	---	Hawaii.
<i>Plumeria</i> sp.....	do.....	3	---	---	Hawaii.
<i>Taeniothrips pictipes</i> (Zett.) (Thripidae): <i>Gentiana</i> sp. (gentian).....	Switzerland.....	1	---	---	N.Y.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued
[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Talponia batesi</i> Hein. (Olethreutidae):					
<i>Annona cherimola</i> (cherimoya).....	Mexico.....	3			Tex.
" <i>Targionia</i> " <i>bromilata</i> (Leon.) (Coccidae):					
<i>Ananas comosus</i> (pineapple).....	Mexico, Ponape.....	1	1		Hawaii, Tex.
" <i>Targionia</i> " <i>hartii</i> (Ckll.) (Coccidae):					
<i>Dioscorea</i> sp. (yam).....	British West Indies, St. Kitts.	3			Calif., * N.Y.
<i>Targionia laurina</i> Ldgr. (Coccidae):					
<i>Apollonia carnariensis</i>	Portugal.....			1	D.C.
<i>Tenthecoris angustimarginatus</i> Hsiao & Sailer (Miridae):					
<i>Epidendrum fragrans</i> (orchid).....	Mexico.....			1	Tex.
<i>Tenthecoris bicolor</i> Scott (Miridae):					
<i>Odontoglossum</i> sp. (orchid).....	Guatemala.....			1	Fla.
Orchid.....	Mexico.....			7	Tex.
<i>Philodendron</i> sp.....	do.....			1	Tex.
<i>Tenthecoris confusus</i> Hsiao & Sailer (Miridae):					
<i>Oncidium</i> sp. (orchid).....	Guatemala.....			1	Fla.
Orchid.....	Costa Rica, Guatemala, Mexico.			14	Calif., * Fla., Tex.
<i>Tenthecoris distinguendus</i> Hsiao & Sailer (Miridae):					
<i>Epidendrum radicans</i> (orchid).....	Canal Zone, Costa Rica.....			2	Fla.
<i>Epidendrum</i> sp.....	Panama.....			1	Fla.
Orchid.....	Canal Zone.....			2	Fla.
<i>Tenthecoris vestitus</i> (Dist.) (Miridae):					
<i>Oncidium splendidum</i> (orchid).....	Honduras.....			1	Fla.
Orchid.....	Guatemala.....			1	Fla.
<i>Tenuipalpus pacificus</i> Baker (Tenuipalpidae):					
Orchid.....	Philippines.....			1	Hawaii.*
<i>Tetraleurodes acaciae</i> (Q.) (Aleyrodidae):					
<i>Bauhinia</i> sp.....	Mexico.....			1	Tex.
Leaf—unknown.....	Mexico(?).....		1		Tex.
Plant—unknown.....	Mexico.....	1			Tex.
<i>Tetraleurodes ursorum</i> (Ckll.) (Aleyrodidae):					
<i>Citrus sinensis</i> (orange).....	do.....	1			Tex.
<i>Citrus</i> sp.....	do.....	7			Tex.
Leaf—unknown.....	do.....	1			Tex.
Plant—unknown.....	do.....	1			Tex.
<i>Rosa</i> sp. (rose).....	do.....	1			Tex.
<i>Tetranychus cinnabarinus</i> (Bois.) (Tetranychidae):					
<i>Iodina rhombifolia</i>	Monaco.....			1	D.C.
<i>Tetranychus cucurbitae</i> R. & P. (Tetranychidae):					
<i>Acalypha</i> sp.....	Jamaica.....			1	Fla.
<i>Tetranychus desertorum</i> Banks (Tetranychidae):					
<i>Cordia</i> sp.....	Mexico.....	1			Tex.
Soil with oxalis plants.....	do.....			1	Ariz.
<i>Tetranychus lobosus</i> Boudreaux (Tetranychidae):					
<i>Rosa</i> sp.....	do.....			1	Tex.
<i>Tetranychus tumidus</i> Banks (Tetranychidae):					
Plant—unknown.....	Cuba.....	1			Fla.
<i>Texananus spatulatus</i> (Van D.) (Cicadellidae):					
<i>Cucumis melo cantalupensis</i> (cantaloupe).....	Mexico.....	1			Ariz.
<i>Theba pisana</i> (Muller) (Mollusca):					
Conex box.....	Morocco, Spain.....	2			N.Y.
Cargo—general.....	Mediterranean region, Morocco.	2			La.
Military cargo.....	Libya, Morocco.....	25			Ala., La., Mass., N.Y., S.C.
Packing case.....	Morocco.....	1			N.Y.
<i>Petroselinum crispum</i> (parsley).....	Spain.....		1		Pa.
Wooden crate.....	Morocco.....	2			Ala.
<i>Thecla ziba</i> Hew. (Lycaenidae):					
<i>Ananas comosus</i> (pineapple).....	Mexico.....	1			Tex.
<i>Streptozia</i> sp.....	Colombia.....	1			N.Y.
<i>Thrips angusticeps</i> Uzel (Thripidae):					
<i>Lactuca sativa</i> (lettuce).....	Portugal.....		1		Mass.
<i>Thrips flavus</i> Schrank (Thripidae):					
<i>Anemone</i> sp.....	England.....			1	N.Y.
<i>Antirrhinum</i> sp.....	Germany.....	1			Pa.
<i>Bellis</i> sp.....	do.....	1			Pa.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued
[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Thrips flavus</i> Schrank (Thripidae)—Con.					
<i>Chrysanthemum</i> sp.	Germany	1			Ill.
Flowers	England	2	1		Mass., N.Y.
<i>Lathyrus odoratus</i> (sweetpea)	Germany		1		Ill.
<i>Polianthes tuberosa</i> (tuberose)	do	1			Ill.
<i>Thrips fuscipennis</i> (Hal.) (Thripidae):					
<i>Rosa</i> sp. (rose)	England		1		Mass.
<i>Thrips imuginis</i> Bgn. (Thripidae):					
<i>Chrysanthemum</i> sp.	Australia	1			Hawaii.
<i>Delphinium</i> sp. (larkspur)	do	1			Hawaii.
<i>Nymphaea</i> sp. (waterlily)	do	1			Hawaii.
<i>Thrips major</i> Uzel (Thripidae):					
<i>Aster</i> sp.	France	1			N.Y.
<i>Calluna vulgaris</i> (heather)	Germany, Netherlands	2			N.Y.
Flowers	England, Ireland	4	1		Mass., N.Y.
<i>Lathyrus odoratus</i> (sweetpea)	Germany	1			Ill.
<i>Olinia cymosa</i>	Italy		1		D.C.
<i>Potentilla</i> sp.	Scotland		1		D.C.
<i>Rosa</i> sp. (rose)	England	1			Mass.
<i>Thyanta antiquensis</i> (Westw.) (Pentatomidae):					
Automobile	Mexico		1		Tex.
<i>Trialeurodes abutilonea</i> (Hald.) (Aleyrodidae):					
<i>Athaea</i> sp. (hollyhock)	do	1			Ariz.
<i>Ruta graveolens</i> (rue)	do	3			Tex.
<i>Trialeurodes lauri</i> (Sign.) (Aleyrodidae):					
<i>Eugenia</i> sp. (?)	Italy		1		Ill.
<i>Laurus nobilis</i> (Greek laurel)	do		2		N.Y.
<i>Laurus</i> sp. (?)	do	1			Ill.
<i>Trialeurodes similis</i> Rsl. (Aleyrodidae):					
<i>Rutaceae</i> (?)	Mexico	1			Tex.
<i>Turnera diffusa</i>	do	1			D.C.
<i>Trialeurodes tabaci</i> Bondar (Aleyrodidae):					
<i>Ozalis</i> sp.	Brazil		1		Fla.
<i>Trialeurodes leprostae</i> Rsl. (Aleyrodidae):					
<i>Turnera diffusa</i>	Mexico	1			D.C.
<i>Trialeurodes variabilis</i> (Q.) (Aleyrodidae):					
Leaf—unknown	do	1			Tex.
<i>Trialeurodes vitrinellus</i> Ckll. (Aleyrodidae):					
<i>Citrus</i> sp.	do	4			Ariz., Tex.
<i>Trionymus lounsburyi</i> (Brain) (Coccidae):					
<i>Amaryllis</i> sp.	Unknown		1		Tex.
<i>Trionymus sacchari</i> (Ckll.) (Coccidae):					
<i>Saccharum officinarum</i> (sugarcane)	Dominican Republic, Puerto Rico	1	1		N.Y., Tex.
<i>Trogoderma glabrum</i> (Hbst.) (Dermestidae):					
Grain	Mexico	1	4		Ariz., Tex.
Railway car	do		3		Ariz., Tex.
<i>Triticum aestivum</i> (wheat)	do		7		Tex.
<i>Trogoderma granarium</i> Everts (Dermestidae):					
<i>Arachis hypogaea</i> (peanut)	Portugal	1			N.Y.
Bagging	India, Netherlands	5	1		Tex.
Bean—dry	Netherlands		1		Tex.
Flour	England, Netherlands		5		Fla., Tex.
<i>Oryza sativa</i> (rice)	Brazil, China, Formosa, unknown	15			Ala., Md., Pa., Va.
<i>Prunus persica</i> (peach)	Unknown		1		Ga.
Stores—dry	do		1		La.
<i>Triticum aestivum</i> (wheat)	Italy, Mexico, Union of South Africa	1	2		Calif., Tex., Va.
Unknown	India, unknown	2	1		Ill., La.
<i>Trogoderma inclusum</i> LeConte (Dermestidae):					
Birds—stuffed	Greece	1			N.Y.
Railway car	Mexico		1		Tex.
<i>Triticum aestivum</i> (wheat)	do		1		Tex.
<i>Trogoderma insulare</i> Chevr. (Dermestidae):					
Bean	Hawaii	1			Hawaii.
<i>Trogoderma parabile</i> Beal (Dermestidae):					
<i>Agaricus campestris</i> (mushroom)	Mexico	1			Calif.
Bran	do	1			Ariz.
<i>Crataegus</i> sp. (hawthorn)	do	1			Ariz.
Feed—mixed	do	1			Ariz.
Flour sacks	do		1		Ariz.
Grits	Unknown		1		Tex.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued
[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Trogoderma parabile</i> Beal (Dermestidae)—Con. Package.....	Mexico.....	1			Tex.
<i>Prunus amygdalus</i> (almond).....	do.....			1	Tex.
<i>Trogoderma parabile</i> Beal (?) (Dermestidae): Bamboo.....	Japan.....	1			Pa.
<i>Trogoderma sternale</i> Jayne ssp. (Dermestidae): Airplane.....	Mexico, Panama.....		2		Fla., Tex.
<i>Tyrophagus infestans</i> (Berl.) (Acaridae):					
<i>Armoracia rusticana</i> (horseradish).....	Argentina.....	1			Mass.
<i>Beta vulgaris</i> (beet).....	Ceylon.....	1			Mass.
<i>Solanum tuberosum</i> (potato).....	Belgium, Netherlands.....	3			Fla.
<i>Zingiber officinale</i> (ginger).....	French West Africa.....	1			Mass.
<i>Unaspis citri</i> (Comst.) (Coccidae):					
<i>Citrus limon</i> (lemon).....	Fiji Islands.....	1			Calif.*
<i>Citrus paradisi</i> (grapefruit).....	Canal Zone, Cuba, Jamaica, Mexico, Panama, Canal Zone, Peru.....	5			Calif.*
<i>Citrus sinensis</i> (orange).....			2		Calif.*
<i>Unaspis yanonensis</i> (Kuw.) (Coccidae):					
<i>Citrus aurantifolia</i> (lime).....	Japan.....	2			Calif.*
<i>Citrus aurantifolia</i> (sour lime).....	do.....		3		Calif.*
<i>Citrus aurantium</i> (sour orange).....	do.....		15		Calif.,* Hawaii, Pa.
<i>Citrus limon</i> (lemon).....	Japan, unknown.....		13		Calif.*
<i>Citrus paradisi</i> (grapefruit).....	Japan.....	1	8		Calif.,* Hawaii.
<i>Citrus reticulata</i> (Mandarin orange).....	Hong Kong(?), Japan.....	34	147		Calif.,* Hawaii, Wash.
<i>Citrus sinensis</i> (orange).....	China, Japan.....	7	129		Calif.,* Hawaii, Pa.
<i>Citrus</i> sp.....	Japan.....	1	4		Calif.,* Hawaii.
<i>Fortunella japonica</i> (kumquat).....	do.....		1		Calif.*
<i>Vallonia pulchella</i> (Muller) (Mollusca): With carnation, chrysanthemum, and geranium plants.	Argentina.....			1	Fla.
<i>Vilga dissimilis</i> Dist. (Coreidae):					
Orchid.....	Canal Zone.....			1	Fla.
<i>Vinsonia stellifera</i> (Westw.) (Coccidae):					
<i>Brassavola</i> sp. (orchid).....	Jamaica.....			1	N.J.
<i>Brassia caudata</i> (orchid).....	Canal Zone.....			2	Calif.,* Fla.
<i>Brassia</i> sp.....	Canal Zone, Trinidad.....			7	Fla., Hawaii.*
<i>Broughtonia</i> sp. (orchid).....	Jamaica.....			4	Fla.
<i>Cattleya granulosa</i> (orchid).....	Brazil.....			1	Calif.*
<i>Cattleya guttata</i>	do.....			1	Fla.
<i>Cattleya skinneri</i>	Panama.....			1	Calif.
<i>Cattleya</i> sp.....	American Virgin Islands, British Guiana, British Honduras.....			3	Fla., N.J.
<i>Epidendrum</i> sp. (orchid).....	Canal Zone, Cuba.....			3	Calif.,* Fla.
<i>Heliconia</i> sp.....	Canal Zone.....			1	Calif.*
<i>Monstera</i> sp.....	do.....			1	Calif.*
<i>Oncidium</i> sp. (orchid).....	British Guiana, Canal Zone, Jamaica, Panama, American Virgin Islands, Antigua, Brazil, British Honduras, Canal Zone, Cuba, El Salvador, Guatemala, Panama, Trinidad.....			5	Fla., N.J.
Orchid.....				22	Calif.,* Fla., Tex.
<i>Phajus</i> sp. (?) (orchid).....	British Guiana.....			1	N.J.
<i>Trigonidium egertonianum</i> (orchid).....	British Honduras.....			1	Fla.
<i>Zeadiatraea lineolata</i> (Wlk.) (Crambidae):					
<i>Zea mays</i> (corn).....	Cuba.....	1			Fla.
<i>Zonitoides arboreus</i> (Say) (Mollusca):					
<i>Brassia lawrenceana</i> (orchid).....	Canada.....			1	Hawaii.*
<i>Cymbidium</i> sp. (orchid).....	Australia.....			1	Calif.*
<i>Oeonitella polystachys</i> (orchid).....	England.....			1	D.C.
Orchid.....	Mexico, Panama.....			3	Fla., Tex.
<i>Vanda</i> sp. (orchid).....	Hawaii.....			1	Hawaii.

Hosts and Insects

ABIES:

- Blastophagus piniperda* (Coleoptera)
Chermes piceae (Homoptera)

ACACIA:

- Mimosestes sallaei* (Coleoptera)
Stator pruininus (Coleoptera)

ACALYPHA:

- Tetranychus cucurbitae* (Acarina)

ACER:

- Aceria macrochelus* (Acarina)
Hypera punctata (Coleoptera)
Lecanium coryli (Homoptera)
Pultrinaría vitis (Homoptera)

ADENANTHERA:

- Ectomyelois ceratoniae* (Lepidoptera)

AGARICUS:

- Trogoderma parabile* (Coleoptera)

AGAVE:

- Batrachedra linaria* (Lepidoptera)
Gymnococcus agavium (Homoptera)
Lepidosaphes philococcus (Homoptera)
Ozophora consanguineus (Hemiptera)
Pseudischmispis bowreyi (Homoptera)

ALLIUM CEPA:

- Lygaeus albo-ornatus* (Hemiptera)

ALLIUM PORRUM:

- Acrolepia assectella* (Lepidoptera)
Deroceras reticulatum (Mollusca)

ALLIUM SATIVUM:

- Aceria tulipae* (Acarina)
Brachycerus albidentatus (Coleoptera)
Brachycerus alpinus (Coleoptera)
Delogala guttata (Coleoptera)
Dyspessa ulula (Lepidoptera)
Frankliniella tenuicornis (Thysanoptera)
Parmena battentus (Coleoptera)

ALOCASIA:

- Brevipalpus phoenicis* (Acarina)

ALPINIA:

- Bradybaena similis* (Mollusca)
Ceroplastes rubens (Homoptera)
Orchidophilus aterrimus (Coleoptera)
Oxydema fusiforme (Coleoptera)

ALTHAEA:

- Trialeurodes abutilonea* (Homoptera)

ALYXIA:

- Ceroplastes rubens* (Homoptera)

AMARYLLIS:

- Trionymus lounsburyi* (Homoptera)

AMBROSIA:

- Pachyzancla bipunctalis* (?) (Lepidoptera)

ANANAS:

- Dysdercus mimus* (Hemiptera)
Eurtheota bidentata (Coleoptera)
Noropsis hieroglyphica (Lepidoptera)
Pheidole megacephala (Hymenoptera)
Ribua innoxia (Lepidoptera)
 "Targionia" bromiliae (Homoptera)
Thecla zebra (Lepidoptera)

ANEMONE:

- Thrips flavus* (Thysanoptera)

ANNONA:

- Cerconota anonella* (Lepidoptera)
Irdomyrmex humilis (Hymenoptera)
Pseudococcus citricus (Homoptera)
Talponia batesi (Lepidoptera)

ANTHURIUM:

- Bradybaena similis* (Mollusca)
Ceroplastes rubens (Homoptera)
Chrysomphalus albopictus (Homoptera)
Chrysomphalus umboniferus (Homoptera)
Lepidosaphes tokionis (Homoptera)
Orchidophilus aterrimus (Coleoptera)
Pinnaspis buzi (Homoptera)
Pseudischmispis alienus (Homoptera)

ANTIRRHINUM:

- Haplothrips goudyei* (Thysanoptera)
Thrips flavus (Thysanoptera)

APIUM:

- Deroceras reticulatum* (Mollusca)
Euleia heraclei (?) (Diptera)

APOLLONIAS:

- Targionia laurina* (Homoptera)

APONOGETON:

- Monomorium destructor* (Hymenoptera)

ARACHIS:

- Caryedon fuscus* (Coleoptera)
Trogoderma granarium (Coleoptera)

ARALIA:

- Coccus viridis* (Homoptera)

ARMERIA:

- Helix aspersa* (Mollusca)

ARMORACIA:

- Tyrophagus infestans* (Acarina)

ARTOCARPUS:

- Pheidole megacephala* (Hymenoptera)

ASCOCENTRUM:

- Parlatoria proteus* (Homoptera)

ASPLENIUM:

- Pheidole megacephala* (Hymenoptera)

ASTER:

- Taeniothrips atratus* (Thysanoptera)
Thrips major (Thysanoptera)

BAMBOO:

- Asterolecanium bambusae* (Homoptera)
Asterolecanium miltaris (Homoptera)
Asterolecanium miltaris miltaris (Homoptera)
Asterolecanium miltaris robustum (Homoptera)
Lyctocylus japonum (Coleoptera)
Lyctus africanus (Coleoptera)
Trogoderma parabile (?) (Coleoptera)

BAMBUSA:

- Aspidiotus destructor* (Homoptera)

BAUHINIA:

- Trialeurodes acaciae* (Homoptera)

BELLIS:

- Thrips flavus* (Thysanoptera)

BETA:

- Gnorimoschema ocellatella* (Lepidoptera)
Tyrophagus infestans (Acarina)

BETULA:

- Arge pullata* (Hymenoptera)

BOUGAINVILLEA:

- Sybra alternans* (Coleoptera)

BRASSAIA:

- Protopulvinaria pyriformis* (Homoptera)

BRASSAVOLA:

- Conchaspis orchidarum* (Homoptera)
Furcaspis biformis (Homoptera)
Pseudischmispis alienus (Homoptera)
Vinsonia stellifera (Homoptera)

Hosts and Insects—Continued

BRASSIA:

- Leucaspis cockerelli* (Homoptera)
- Vinsonia stellifera* (Homoptera)
- Zonitoides arboreus* (Mollusca)

BRASSICA CHINENSIS:

- Barathra brassicae* (Lepidoptera)
- Deroceras reticulatum* (Mollusca)
- Nezara viridula* (Hemiptera)

BRASSICA OLERACEA ACOEPHALA:

- Phytomyza rufipes* (Diptera)

BRASSICA OLERACEA BOTRYTIS:

- Deroceras reticulatum* (Mollusca)
- Phytomyza rufipes* (Diptera)

BRASSICA OLERACEA CAPITATA:

- Deroceras reticulatum* (Mollusca)
- Mamestra brassicae* (Lepidoptera)
- Phytomyza rufipes* (Diptera)

BRASSICA PEKINENSIS:

- Barathra brassicae* (Lepidoptera)

BRASSICA RAPA:

- Acalymma tridittata* (Coleoptera)
- Acrolepia assectella* (Lepidoptera)
- Deroceras reticulatum* (Mollusca)
- Helicula undatis* (Lepidoptera)
- Limax marginatus* (Mollusca)
- Phytomyza rufipes* (Diptera)
- Psyllodes chryscephala* (Coleoptera)

BROMELIA CEAE:

- Plagioderma thymaloides* (Coleoptera)

BROMELIAD:

- Calligrapha labyrinthica* (Coleoptera)
- Cryphula apicatus* (Hemiptera)
- Diabrotica porracea* (Coleoptera)
- Furcaspis bifurmis* (Homoptera)
- Galgapha punctifer* (Hemiptera)
- Galgapha quadrisignata* (Hemiptera)
- Limax marginatus* (Mollusca)
- Nasutitermes corniger* (Isoptera)
- Ogdoecosta catenulata* (Coleoptera)
- Paromius longulus* (Hemiptera)

BROMUS:

- Luzulaspis kondarensis* (Homoptera)

BROUGHTONIA:

- Asterolecanium epidendri* (Homoptera)
- Chrysomphalus odontoglossi* (Homoptera)
- Leucaspis cockerelli* (Homoptera)
- Vinsonia stellifera* (Homoptera)

BRYOPHYLLUM:

- Deroceras reticulatum* (Mollusca)
- Pulvinaria psidii* (Homoptera)

BUXUS:

- Cenopalpus pulcher* (Acarina)
- Chionaspis salicis* (Homoptera)
- Eriophyes canestrinii* (Acarina)
- Parlatoria camelliae* (Homoptera)
- Procryptotermes hubbardi* (Isoptera)
- Spanioneura fonscolombi* (Homoptera)

CACTUS:

- Amitermes wheeleri* (Isoptera)
- Ceratitidis capitata* (Diptera)
- Lepidosaphes phloeococcus* (Homoptera)
- Pseudodiaspis yuccae* (Homoptera)
- Reticulitermes tibialis* (Isoptera)

CAJANUS:

- Acanthoscelides armilagai* (Coleoptera)
- Ancylostoma stercora* (Lepidoptera)
- Chalcodermus aeneus* (Coleoptera)
- Fundella pellucens* (Lepidoptera)
- Maruca testulalis* (Lepidoptera)
- Phaedole megacephala* (Hymenoptera)

CALADIUM:

- Pentalonia nigronervosa* (Homoptera)

CALLUNA:

- Frankliniella intonsa* (Thysanoptera)
- Gelechia ericetella* (Lepidoptera)
- Micrelus ericae* (Coleoptera)
- Scolopostethus decoratus* (Hemiptera)
- Taeniothrips atratus* (Thysanoptera)
- Taeniothrips ericae* (Thysanoptera)
- Thrips major* (Thysanoptera)

CALOCARPUM:

- Anastrepha ludens* (Diptera)
- Anastrepha serpentina* (Diptera)

CALOPHYLLUM:

- Dacus dorsalis* (Diptera)

CAMELLIA:

- Aleurotrachelus camelliae* (Homoptera)
- Aspidiotus degeneratus* (Homoptera)
- Aspidiotus destructor* (Homoptera)
- Ceroplastes rubens* (Homoptera)
- Fiorinia theae* (Homoptera)
- Lepidosaphes kamakurensis* (Homoptera)
- Parlatoria camelliae* (Homoptera)
- Pulvinaria camelicola* (Homoptera)
- Pulvinaria floccifera* (Homoptera)
- Stephanitis nashi* (Hemiptera)

CANAVALLIA:

- Lampides boeticus* (Lepidoptera)
- Maruca testulalis* (Lepidoptera)

CANNABIS:

- Pseudischnaspis bowreyi* (Homoptera)

CAPSICUM:

- Ceratitidis capitata* (?) (Diptera)
- Faustinus cubae* (Coleoptera)
- C. norimoschema gudmannella* (Lepidoptera)
- Ligyrocoris auribilliana* (Hemiptera)
- Nezara viridula* (Hemiptera)
- Pachyzancla perisalis* (Lepidoptera)
- Platynota rostrana* (Lepidoptera)
- Pyrausta nubilalis* (Lepidoptera)

CARICA:

- Pseudoparlatoria ostreata* (Homoptera)

CARNEGIEA:

- Pseudodiaspis yuccae* (Homoptera)

CASSIA:

- Aganactes indecora* (Lepidoptera)
- Caryedon fuscus* (Coleoptera)
- Ectomyelois ceratoniae* (Lepidoptera)
- Phelomerus aberrans* (Coleoptera)

CASTANEA:

- Cureulio elephas* (Coleoptera)
- Hemimene juliana* (Lepidoptera)
- Laspeyresia splendana* (Lepidoptera)

CATTLEA:

- Asterolecanium epidendri* (Homoptera)
- Chrysomphalus tenax* (Homoptera)
- Chrysomphalus umboniferus* (Homoptera)
- Cryptoblabes gnidiella* (Lepidoptera)
- Furcaspis bifurmis* (Homoptera)
- Pseudischnaspis alienus* (Homoptera)
- Puto uller* (Homoptera)
- Vinsonia stellifera* (Homoptera)

CENTAUREA:

- Frankliniella panamensis* (Thysanoptera)

CERATONIA:

- Aspidiotus aharonii* (Homoptera)
- Neodryocetes guianae* (Coleoptera)

CHAENOMALES:

- Ceroplastes japonicus* (Homoptera)

Hosts and Insects—Continued

CHAMAEDOREA:

- Chrysomphalus albopictus* (Homoptera)
- Chrysomphalus sphaeroides* (Homoptera)
- Dinaspis aculeata* (Homoptera)
- Eugeraeus unifasciatus* (?) (Coleoptera)
- Lycophotia ornea* (Lepidoptera)

CHRYSANTHEMUM:

- Blissus pulchellus* (Hemiptera)
- Bryobia cristata* (Acarina)
- Conotelus mexicanus* (Coleoptera)
- Euschistus servus* (Hemiptera)
- Frankliniella formosae* (Thysanoptera)
- Frankliniella schultzei* (Thysanoptera)
- Taeniothrips hawaiiensis* (Thysanoptera)
- Thrips flavus* (Thysanoptera)
- Thrips imaginis* (Thysanoptera)

CICER:

- Bruchus tristis* (Coleoptera)

CICHORIUM:

- Helix aspersa* (Mollusca)
- Lygus gemellatus* (Hemiptera)
- Phytomyza rufipes* (Diptera)

CINNAMOMUM:

- Aspidiotus palmarum* (Homoptera)

CITRUS AURANTIFOLIA:

- Aleurocanthus woglumi* (Homoptera)
- Anastrepha ludens* (Diptera)
- Ceratitis capitata* (?) (Diptera)
- Leucaspis cockerelli* (Homoptera)
- Parlatoria cinerea* (Homoptera)
- Parlatoria zizyphus* (Homoptera)
- Phyllocnistis citrella* (Lepidoptera)
- Pseudonidia trilobitiformis* (Homoptera)
- Unaspis yanonensis* (Homoptera)

CITRUS AURANTIUM:

- Aleurocanthus woglumi* (Homoptera)
- Anastrepha ludens* (Diptera)
- Unaspis yanonensis* (Homoptera)

CITRUS GRANDIS:

- Aonidiella inornata* (Homoptera)
- Leucaspis cockerelli* (Homoptera)
- Parlatoria zizyphus* (Homoptera)
- Prays endocarpa* (Lepidoptera)

CITRUS LIMON:

- Aonidiella inornata* (Homoptera)
- Ceratitis capitata* (Diptera)
- Ceroplastes sinensis* (?) (Homoptera)
- Cryptoblabes gnidiella* (Lepidoptera)
- Parlatoria cinerea* (Homoptera)
- Parlatoria zizyphus* (Homoptera)
- Pseudonidia trilobitiformis* (Homoptera)
- Unaspis citri* (Homoptera)
- Unaspis yanonensis* (Homoptera)

CITRUS PARADISI:

- Anastrepha ludens* (Diptera)
- Gynandrosoma aurantianum* (Lepidoptera)
- Leucaspis cockerelli* (Homoptera)
- Morganella longispina* (Homoptera)
- Olethreutes leucotreta* (Lepidoptera)
- Parlatoria cinerea* (Homoptera)
- Parlatoria zizyphus* (Homoptera)
- Unaspis citri* (Homoptera)
- Unaspis yanonensis* (Homoptera)

CITRUS RETICULATA:

- Aonidiella inornata* (Homoptera)
- Bemisia citricola* (?) (Homoptera)
- Ceratitis capitata* (Diptera)
- Chrysomphalus bifasciculatus* (Homoptera)
- Morganella longispina* (Homoptera)
- Parlatoria zizyphus* (Homoptera)
- Unaspis yanonensis* (Homoptera)

CITRUS SINENSIS:

- Acrosternum heegeri* (Hemiptera)
- Aleurocanthus woglumi* (Homoptera)

- Aleurothrixus floccosus* (Homoptera)
- Aleurothrixus myrtacei* (Homoptera)
- Anastrepha ludens* (Diptera)
- Brevipalpus phoenicis* (Acarina)
- Ceratitis capitata* (Diptera)
- Chrysomphalus diversicolor* (Homoptera) (as defined by McKenzie).
- Cryptoblabes gnidiella* (Lepidoptera)
- Leucaspis cockerelli* (Homoptera)
- Monomorium destructor* (Hymenoptera)
- Morganella longispina* (Homoptera)
- Olethreutes leucotreta* (Lepidoptera)
- Parlatoria cinerea* (Homoptera)
- Parlatoria zizyphus* (Homoptera)
- Phyllocnistis saligna* (Lepidoptera)
- Pseudonidia trilobitiformis* (Homoptera)
- Pseudococcus citricus* (Homoptera)
- Tetraneurae ursorum* (Homoptera)
- Unaspis citri* (Homoptera)
- Unaspis yanonensis* (Homoptera)

CITUS SP.:

- Aleurocanthus woglumi* (Homoptera)
- Aleurothrixus floccosus* (Homoptera)
- Coccus viridis* (Homoptera)
- Dialeurodes citrifolii* (Homoptera)
- Eutetranychus banksi* (Acarina)
- Orthesia pseudosignis* (Homoptera)
- Parlatoria citri* (Homoptera)
- Parlatoria zizyphus* (Homoptera)
- Tetraneurae ursorum* (Homoptera)
- Trialeurodes vitrinellus* (Homoptera)
- Unaspis yanonensis* (Homoptera)

COCOS:

- Agonoxena argaula* (Lepidoptera)
- Aonidiella inornata* (Homoptera)
- Aspidiotus destructor* (Homoptera)
- Aspidiotus palmarum* (Homoptera)
- Chrysomphalus albopictus* (Homoptera)
- Chrysomphalus personatus* (Homoptera)
- Chrysomphalus tingi* (Homoptera)
- Dacus dorsalis* (Diptera)
- Diocalandra taitensis* (Coleoptera)
- Ereunetis flavistriata* (Lepidoptera)
- Furcaspis oceanica* (Homoptera)
- Lepidosaphes mcgregori* (Homoptera)
- Pseudococcus palmarum* (Homoptera)
- Rhinostomus barbirostris* (Coleoptera)

CODIAEUM:

- Lepidosaphes tokionis* (Homoptera)
- Parlatoria crotonis* (Homoptera)

COFFEA:

- Ceratitis capitata* (Diptera)
- Coccus viridis* (Homoptera)
- Dacus dorsalis* (Diptera)
- Stephanoderes hampei* (Coleoptera)

COLLINIA:

- Aleuroplatus variegatus* (Homoptera)
- Coelonertus nigritrostris* (Coleoptera)

CONVALLARIA:

- Frankliniella intonsa* (Thysanoptera)
- Limothrips denticornis* (Thysanoptera)

COPAIFERA:

- Platypus rugulosus* (Coleoptera)

CORDIA:

- Mimosastes sallaei* (Coleoptera)
- Tetranychus desertorum* (Acarina)

CORDYLINAE:

- Bradybaena similis* (Mollusca)
- Lepidosaphes tokionis* (Homoptera)
- Pheidole megacephala* (Hymenoptera)
- Pinnaspis buxi* (Homoptera)
- Plusia chalcites* (Lepidoptera)
- Sybra alternans* (Coleoptera)

CORNUS:

- Anocia corni* (Homoptera)

*Hosts and Insects—Continued***CORYLOPSIS:***Aleurotuberculatus magnoliae* (Homoptera)**CORYLUS:***Curculio nucum* (Coleoptera)**COTONEASTER:***Ceroplastes japonicus* (Homoptera)*Ceroplastes rubens* (Homoptera)*Pseudaonidia paeoniae* (Homoptera)**CRATAEGUS:***Grapholitha packardii* (Lepidoptera)*Trogoderma parabile* (Coleoptera)**CROTALARIA:***Callosobruchus phaseoli* (Coleoptera)**CRYPTOMERIA:***Aspidiotus cryptomeriae* (Homoptera)**CUCUMIS:***Dacus cucurbitae* (?) (Diptera)*Ligyrocoris aurivilliana* (Hemiptera)*Naupactus xanthographus* (Coleoptera)*Pyrausta nubilalis* (Lepidoptera)*Teznanus spatulatus* (Homoptera)**CUCURBITA:***Dacus cucurbitae* (Diptera)*Ferrisia virgata* (Homoptera)**CUPRESSUS:***Lepidosaphes pallida* (Homoptera)**CUSSONIA:***Diaspis zamiae* (Homoptera)**CYCAD:***Ozophora concava* (Hemiptera)**CYCAS:***Aonidiella inornata* (Homoptera)**CYDONIA:***Anastrepha ludens* (Diptera)*Ceratitis capitata* (Diptera)*Ectomyelois ceratoniae* (Lepidoptera)**CYMBIDIUM:***Lepidosaphes tuberculata* (Homoptera)*Pseudaonidia curculiginis* (Homoptera)*Zonitoides arboreus* (Mollusca)**CYNARA:***Apion carduorum* (Coleoptera)**CYNODON:***Antonia graminis* (Homoptera)*Odonaspis ruthae* (Homoptera)**CYPRIPEDIUM:***Coccus capparidis* (Homoptera)**CYRTOPODIUM:***Aspidiotus destructor* (Homoptera)**CYTISUS:***Aspidiotus mairai* (Homoptera)*Chionaspis salicis* (Homoptera)**DAHLIA:***Frankliniella intonsa* (Thysanoptera)*Hepialus humuli* (Lepidoptera)*Taeniothrips atratus* (Thysanoptera)**DAUCUS:***Limax marginatus* (Mollusca)**DELPHINIUM:***Thrips imaginis* (Thysanoptera)**DENDROBIUM:***Aspidiotus australiensis* (Homoptera)*Aspidiotus palmarum* (Homoptera)*Chrysomphalus pinnulifera* (Homoptera)*Ferrisia virgata* (Homoptera)*Halticus chrysolepis* (Hemiptera)*Morganella longispina* (Homoptera)*Orchidophilus aterrimus* (Coleoptera)*Orydema fusiforme* (Coleoptera)*Phenacaspis dendrobii* (tentative) (Homoptera)*Pinnaspis buzi* (Homoptera)**DIANTHUS:***Dysdercus honestus* (Hemiptera)*Frankliniella formosae* (Thysanoptera)*Haplothrips gowdeyi* (Thysanoptera)*Iridomyrmex humilis* (Hymenoptera)*Taeniothrips dianthi* (Thysanoptera)*Taeniothrips hawaiiensis* (Thysanoptera)**DIEFFENBACHIA:***Ferrisia virgata* (Homoptera)*Neoleucon rubrotylus* (Hemiptera)**DIOSCOREA:***Palaeopus costicollis* (Coleoptera)*"Targionia" hartii* (Homoptera)**DIOSPYROS:***Lepidosaphes conchiformis* (Homoptera)*Lepidosaphes tubulorum* (Homoptera)*Pseudococcus azaleae* (Homoptera)*Pseudococcus kraunhiae* (Homoptera)**DISTYLIUM:***Aulacaspis latissimus* (Homoptera)**DRACAENA:***Chrysomphalus sphaerioides* (Homoptera)**ELAEODENDRON:***Diaspis zamiae* (Homoptera)**EPHEDRA:***Leucaspis riccae* (Homoptera)**EPIDENDRUM:***Asterolecanium epidendri* (Homoptera)*Chrysomphalus umboniferus* (Homoptera)*Eurytoma orchidearum* (?) (Hymenoptera)*Furcaspis bifornis* (Homoptera)*Pseudischnaspis alienus* (Homoptera)*Pseudoparlatoria ostreata* (Homoptera)*Tenthecoris angustimarginatus* (Hemiptera)*Tenthecoris distinguendus* (Hemiptera)*Vinsonia stelfifera* (Homoptera)**ERICA:***Iridomyrmex humilis* (Hymenoptera)*Pseudothrips glaucus* (?) (Thysanoptera)**ERIOBOTRYA:***Ectomyelois ceratoniae* (Lepidoptera)**ERYTHRINA:***Aspidiotus herculeanus* (Homoptera)**ESENBECKIA:***Bradybaena similis* (Mollusca)**EUGENIA:***Anastrepha mombinapraeoptans* (Diptera)*Dacus dorsalis* (Diptera)**EUGENIA(?):***Trialeurodes lauri* (Homoptera)**EUONYMUS:***Lecanium corni* (Homoptera)**EUPHORBIA:***Cryptophlebia illepidia* (Lepidoptera)*Iridomyrmex humilis* (Hymenoptera)**EURYA:***Lepidosaphes tubulorum* (Homoptera)*Parlatoria camelliae* (Homoptera)

Hosts and Insects—Continued

FATSIA:

Chrysomphalus bifasciculatus (Homoptera)

FERN:

Deroceras reticulatum (Mollusca)

FEROCACTUS:

Lepidosaphes philococcus (Homoptera)

FICUS:

Ceratitis capitata (Diptera)
Ceroplastes rusci (Homoptera)
Epidiaspis piricola (Homoptera)
Lepidosaphes ficus (Homoptera)

FORTUNELLA:

Unaspis yanonensis (Homoptera)

FRAGARIA:

Aleyrodes ionicae (Homoptera)

FREESIA:

Iridomyrmex humilis (Hymenoptera)

GARDENIA:

Aleuroparadoxus gardeniae (Homoptera)
Ceroplastes rubens (Homoptera)
Coccus viridis (Homoptera)
Dialeurodes kirkaldyi (Homoptera)
Eucalymnatus tessellatus (Homoptera)
Ferrisia virgata (Homoptera)
Pulvinaria psidii (Homoptera)
Taeniothrips hawaiiensis (Thysanoptera)

GENTIANA:

Stenoptilia stigmatodactyla (Lepidoptera)
Taeniothrips picipes (Thysanoptera)

GERBERA:

Coccus viridis (Homoptera)
Haplothrips gowdeyi (Thysanoptera)

GLADIOLUS:

Frankliniella formosae (Thysanoptera)
Frankliniella panamensis (Thysanoptera)
Phera centrolinea (Homoptera)
Rhoecocoris sulciiventris (?) (Hemiptera)

GONGORA:

Furcaspis bififormis (Homoptera)

GOSSYPIUM:

Bucculatrix thurberiella (Lepidoptera)
Ferrisia virgata (Homoptera)
Jadera sanguinolenta (Hemiptera)
Pectinophora gossypiella (Lepidoptera)
Platynota rostrana (Lepidoptera)

GREVILLEA:

Asterolecanium petrophilae (Homoptera)

HEDERA:

Brevipalpus obovatus (Acarina)
Ceroplastes rubens (Homoptera)
Chrysomphalus bifasciculatus (Homoptera)

HELICHRYSUM:

Frankliniella intonsa (Thysanoptera)

HELICONIA:

Vinsonia stellifera (Homoptera)

HIBISCUS:

Bemisia tabaci (Homoptera)
Pachybrachius albocinctus (Hemiptera)
Pectinophora gossypiella (Lepidoptera)

HORDEUM:

Limothrips denticornis (Thysanoptera)

HYMENAEA:

Rhinococcus stigma (Coleoptera)

ILEX:

Aleurotuberculatus aucubae (Homoptera)
Aleurotuberculatus similis (Homoptera)

Aonidiella lauretorum (Homoptera)
Ceronema japonica (?) (Homoptera)
Ceroplastes rubens (Homoptera)
Chrysomphalus bifasciculatus (Homoptera)
Deroceras reticulatum (Mollusca)

IOCHROMA:

Brevipalpus obovatus (Acarina)

IODINA:

Tetranychus cinnabarinus (Acarina)

IPOMOEA:

Cylas femoralis (Coleoptera)
Cylas formicarius ssp. (Coleoptera)
Cylas formicarius var. (Coleoptera)
Cylas formicarius elegantulus (Coleoptera)
Cylas formicarius formicarius (Coleoptera)
Cylas puncticollis (Coleoptera)
Euscepes postfasciatus (Coleoptera)
Spermophagus sericeus (?) (Coleoptera)
Sybra alternans (Coleoptera)

IRIS:

Iridothrips iridis (Thysanoptera)

IXORA:

Coccus viridis (Homoptera)
Phcidole megacephala (Hymenoptera)
Protopulvinaria pyriformis (Homoptera)
Pseudonidia trilobitiformis (Homoptera)

JASMINUM:

Aonidiella compereti (Homoptera)
Aspidiotus palmarum (Homoptera)
Coccus viridis (Homoptera)
Dialeurodes kirkaldyi (Homoptera)

JUGLANS:

Ectomyelois ceratoniae (Lepidoptera)
Rhagoletis juglandis (Diptera)

JUNCUS:

Nipponaclerda biwakoensis (Homoptera)

JUNIPERUS:

Lepidosaphes newsteadi (Homoptera)
Lepidosaphes pallida (Homoptera)
Lineaspis striata (Homoptera)
Pentamerismus oregonensis (Acarina)

KIGELIA:

Ectomyelois ceratoniae (Lepidoptera)

LACTUCA:

Deroceras reticulatum (Mollusca)
Helix aspersa (Mollusca)
Milax gagates (?) (Mollusca)
Myzus ascalonicus (Homoptera)
Nysius vinitor (Hemiptera)
Thrips angusticeps (Thysanoptera)

LAELIA:

Anaphothrips orchidaceus (Thysanoptera)
Furcaspis bififormis (Homoptera)
Plagiodera thymaloidea (Coleoptera)
Puto ulter (Homoptera)

LANSIUM:

Pseudococcus lilacinus (Homoptera)

LATHYRUS:

Bruchus tristis (Coleoptera)
Taeniothrips atratus (Thysanoptera)
Thrips flavus (Thysanoptera)
Thrips major (Thysanoptera)

LAURUS:

Aleuroplatus plumosus (Homoptera)
Trialeurodes lauri (Homoptera)

LAVANDULA:

Frankliniella intonsa (Thysanoptera)

Hosts and Insects—Continued

LENS:

- Bruchus erri* (Coleoptera)
Bruchus signaticornis (Coleoptera)

LEUCAENA:

- Aracercus leipennis* (Coleoptera)
Sybra alternans (Coleoptera)

LICUALA:

- Aspidiotus destructor* (Homoptera)

LILIUM:

- Frankliniella formosae* (Thysanoptera)
Phenacoccus gossypii (Homoptera)
Rhipsiella palastinae (Homoptera)
Taeniothrips hawaiiensis (Thysanoptera)

LIRIOPE:

- Pinnaspis caricis* (Homoptera)

LITCHI:

- Cryptophlebia illepidia* (Lepidoptera)
Fiorinia nephelii (Homoptera)
Icerya seychellarum (Homoptera)
Puleinaria psidii (Homoptera)

LOCKHARTIA:

- Conchaspis orchidarum* (Homoptera)

LOLIUM:

- Hypera postica* (Coleoptera)

LUCUMA:

- Anastrepha serpentina* (Diptera)

LUPINUS:

- Acanthoscelides spinipes* (Coleoptera)
Bruchus tristicus (Coleoptera)

LYCASTE:

- Puto ulter* (Homoptera)

LYCOPERSICON:

- Dacus cucurbitae* (Diptera)
Dacus dorsalis (Diptera)
Eryptochionera oblonga (Hemiptera)
Gnaphalodes trachyderoides (Coleoptera)
Neoleucinodes elegantalis (Lepidoptera)
Platynota rostrana (Lepidoptera)
Pyrausta nubilalis (Lepidoptera)

LYCORIS:

- Taeniothrips gracilis* (Thysanoptera)

MACADAMIA:

- Oxydema fusiforme* (Coleoptera)
Sybra alternans (Coleoptera)

MALPIGHIA:

- Puleinaria urbicola* (tentative) (Homoptera)

MALUS:

- Argyresthia conjugella* (Lepidoptera)
Carpocapsa niponensis (Lepidoptera)
Epidiaspis piricola (Homoptera)
Parlatoria oleae (Homoptera)
Rhopalosiphum crataegellum (Homoptera)

MALVACEAE:

- Pectinophora gossypiella* (?) (Lepidoptera)

MANGIFERA:

- Anastrepha ludens* (Diptera)
Anastrepha mombinpraepotans (Diptera)
Aspidiotus destructor (Homoptera)
Aulacaspis mangiferae (Homoptera)
Aulacaspis tuberculoris (Homoptera)
Ceratitis capitata (Diptera)
Chrysomphalus personatus (Homoptera)
Dacus dorsalis (Diptera)
Pseudischinaspis longissima (Homoptera)
Selenothrips rubrocinctus (Thysanoptera)
Sternonchus mangiferae (Coleoptera)

MEDICAGO:

- Frankliniella schultzei* (Thysanoptera)

MENTHA:

- Haplothrips gowdeyi* (Thysanoptera)

METROSIDEROS:

- Ceroplastes rubens* (Homoptera)

MICHELIA:

- Brevipalpus obesus* (Acarina)

MOMORDICA:

- Dacus cucurbitae* (Diptera)
Sybra alternans (Coleoptera)

MONSTERA:

- Neoleucon rubrotylus* (Hemiptera)
Pinnaspis buzi (Homoptera)
Vinsonia stellifera (Homoptera)

MUSA:

- Cosmopolites sordidus* (Coleoptera)
Dacus dorsalis (Diptera)
Epilachna borealis aequinoctialis (Coleoptera)
Epilachna paenulata (Coleoptera)
Metamasius sericeus (Coleoptera)
Metamasius sericeus sericeus (Coleoptera)
Platynota rostrana (Lepidoptera)
Porphyrobaphe iostoma (Mollusca)

MUSCARI:

- Bouhelia maroccana* (Homoptera)

MYRISTICA:

- Aspidiotus palmarum* (Homoptera)
Pseudanidia trilobitiformis (Homoptera)

NARCISSUS:

- Lampetia equestris* (Diptera)
Steneotarsonemus laticeps (Acarina)

NEOMOOREA:

- Pinnaspis buzi* (Homoptera)

NEPENTHES:

- Limax marginatus* (Mollusca)

NERIUM:

- Chrysomphalus personatus* (Homoptera)
Haplothrips gowdeyi (Thysanoptera)
Morganella longispina (Homoptera)

NIPA:

- Aspidiotus destructor* (Homoptera)

NYMPHAEA:

- Thrips imaginis* (Thysanoptera)

ODONTOGLOSSUM:

- Aspidiotus mendax* (Homoptera)
Puto ulter (Homoptera)
Tenthetorix bicolor (Hemiptera)

OEONIELLA:

- Zonitoides arboreus* (Mollusca)

OLEA:

- Aleurolobus olivinus* (Homoptera)
Ceratitis capitata (Diptera)
Dacus oleae (Diptera)
Ectomyelois ceratoniae (Lepidoptera)
Leucaspis riccae (Homoptera)
Parlatoria oleae (Homoptera)
Phloeotribus scarabaeoides (Coleoptera)
Prays oleellus (Lepidoptera)

OLINIA:

- Thrips major* (Thysanoptera)

ONCIDIUM:

- Asterolecanium epidendri* (Homoptera)
Chrysomphalus umboniferus (tentative) (Homoptera)
Farinococcus guatemalensis (Homoptera)

Hosts and Insects—Continued

ONCIDIUM—Continued

- Furcaspis biformis* (Homoptera)
Pseudoparlatoria ostreata (Homoptera)
Tenthecoris confusus (Hemiptera)
Vinsonia stellifera (Homoptera)

OPERCULINA:

- Adoretus sinicus* (Coleoptera)
Chaetanaphothrips orchidii (Thysanoptera)
Sybra alternans (Coleoptera)

OPUNTIA:

- Ceratitis capitata* (Diptera)

ORCHID:

- Aleuroglandulus emmae* (Homoptera)
Amphelasma decoratum (Coleoptera)
Anacraga sofia (Lepidoptera)
Aonidiella citrina (Homoptera)
Aspidiotus destructor (Homoptera)
Aspidiotus palmas (Homoptera)
Asterolecanium epidendri (Homoptera)
Bradybaena similis (Mollusca)
Brevipalpus oncidii (Acarina)
Brevipalpus phoenicis (Acarina)
Chrysomphalus personatus (Homoptera)
Chrysomphalus unboniferus (Homoptera)
Deloyala guttata (Coleoptera)
Deroceras reticulatum (Mollusca)
Diachus auratus (Coleoptera)
Diorymerellus laevimargo (Coleoptera)
Erpochiomeria albomaculata (Hemiptera)
Erpochiomeria confusa (Hemiptera)
Farinococcus guatemalensis (Homoptera)
Furcaspis biformis (Homoptera)
Galgupha punctifer (Hemiptera)
Iridomyrmex iniquus (Hymenoptera)
Lecaniodiaspis dendrobii (Homoptera)
Lepidosaphes tuberculata (Homoptera)
Ligyrocoris aurivilliana (Hemiptera)
Ligyrocoris nitidicollis (Hemiptera)
Limax marginatus (Mollusca)
Microceroterme arboreus (Isoptera)
Monanthia monotropidia (Hemiptera)
Mormidea pictiventris (Hemiptera)
Nysius raphanus (Hemiptera)
Oebalus insularis (Hemiptera)
Oedancata bimaculata (Hemiptera)
Opuntiaspis carinata (Homoptera)
Pachygroncha oedaneolodes (Hemiptera)
Parlatoria pseudaspidotus (Homoptera)
Paromitus longulus (Hemiptera)
Plagioderia semivittata (Coleoptera)
Plagioderia thymaloides (Coleoptera)
Planococcus hoznyi (Homoptera)
Pseudischinaspis alienus (Homoptera)
Pseudischinaspis longissima (Homoptera)
Pseudoparlatoria ostreata (Homoptera)
Puto ulter (Homoptera)
Rhopalosiphum rufiabdominalis (Homoptera)
Tenthecoris bicolor (Hemiptera)
Tenthecoris confusus (Hemiptera)
Tenthecoris distinguendus (Hemiptera)
Tenthecoris vestitus (Hemiptera)
Tenuipalpus pacificus (Acarina)
Vilga dissimilis (Hemiptera)
Vinsonia stellifera (Homoptera)
Zonitoides arboreus (Mollusca)

OREOPANAX:

- Pseudococcus gahani* (Homoptera)

ORNITHOGALUM:

- Epichorista ionephela* (Lepidoptera)

ORYZA:

- Chilo suppressalis* (Lepidoptera)
Monomorium destructor (Hymenoptera)
Trogoderma granarium (Coleoptera)

OSMANTHUS:

- Aspidiotus excisus* (Homoptera)

OXALIS:

- Trialeurodes tabaci* (Homoptera)

PACHYCEREUS:

- Diaspis echinocacti* (Homoptera)

PACHYSANDRA:

- Aspidiotus excisus* (Homoptera)

PALM:

- Aspidiotus destructor* (Homoptera)
Bostrychophilus cornutus (Coleoptera)
Chrysomphalus personatus (Homoptera)
Chrysomphalus propinquis (Homoptera) (as defined by McKenzie)
Chrysomphalus sphaerioides (Homoptera)
Chrysomphalus tenax (Homoptera)
Diaspis zamiae (Homoptera)
Eucalymnatus tessellatus (Homoptera)
Heterotermes conexinotatus (Isoptera)
Lyctus brunneus (Coleoptera)

PANDANUS:

- Lepidosaphes esakii* (Homoptera)
Pseudococcus pandani (Homoptera)

PANICUM:

- Antonina graminis* (Homoptera)

PASSIFLORA:

- Dacus dorsalis* (Diptera)

PELARGONIUM:

- Orychilus allarius* (Mollusca)
Phenacoccus gossypii (Homoptera)
Puto mexicanus (Homoptera)

PELTOPHORUM:

- Caryedon fuscus* (?) (Coleoptera)

PEPEROMIA:

- Bradybaena similis* (Mollusca)

PERSEA:

- Anastrepha ludens* (Diptera)
Chrysomphalus personatus (Homoptera)
Conotrachelus aguacatae (Coleoptera)
Conotrachelus perseae (Coleoptera)
Dacus dorsalis (Diptera)
Limax marginatus (Mollusca)
Stenomoma catenifer (Lepidoptera)

PETROSELINUM:

- Cepaea nemoralis* (Mollusca)
Theba pisana (Mollusca)

PHAJUS:

- Vinsonia stellifera* (Homoptera)

PHASEOLUS:

- Apion griseum* (Coleoptera)
Callosobruchus phaseoli (Coleoptera)
Dacus cucurbitae (Diptera)
Epinotia aporema (Lepidoptera)
Erpochiomeria confusa (Hemiptera)
Iridomyrmex humilis (Hymenoptera)
Laspeyresia fabiora (Lepidoptera)
Maruca testualis (Lepidoptera)
Pyrausta nubilalis (Lepidoptera)

PHILODENDRON:

- Chrysomphalus albopictus* (Homoptera)
Chrysomphalus sphaerioides (Homoptera)
Chrysomphalus tenax (Homoptera)
Chrysomphalus unboniferus (Homoptera)
Neoleucon rubrotulus (Hemiptera)
Pinnaspis buxi (Homoptera)
Tenthecoris bicolor (Hemiptera)

PHOENIX:

- Dactyloctenium aegyptium* (Coleoptera)
Ectomyelois ceratoniae (Lepidoptera)

PHORADENDRON:

- Aspidiotus popularum* (tentative) (Homoptera)

PILEA:

- Pseudococcus citricus* (Homoptera)

Hosts and Insects—Continued

PINUS:

- Lepidosaphes newsteadi* (Homoptera)
Leucaspis loewi (Homoptera)
Leucaspis pusilla (Homoptera)
 "Poliaspis" *pini* (Homoptera)

PIPER:

- Phenacoccus hirsutus* (Homoptera)

PISTACIA:

- Chrysomphalus inopinatus* (Homoptera)
Eurytoma plotnikovi (Hymenoptera)
Lepidosaphes pistaciae (Homoptera)
Lepidosaphes pistaciae f. pistacicola (Homoptera)

PISUM:

- Ancylostomia stercorea* (Lepidoptera)
Caryedon fuscus (Coleoptera)
Chalcodermus aeneus (Coleoptera)
Everes comyntas (Lepidoptera)
Fundella pellucens (Lepidoptera)
Laspeyresia nigricana (Lepidoptera)
Maruca testulalis (Lepidoptera)

PITHECELOBIUM:

- Stator limbatus* (Coleoptera)

PITTOSPORUM:

- Brevipalpus obovatus* (Acarina)

PLEUROTHALLIS:

- Amyssonotum rastratum flexum* (Hemiptera)

PLUMERIA:

- Pholidopus advena* (Coleoptera)
Taeniothrips hawaiiensis (Thysanoptera)

POLIANTHES:

- Thrips flavus* (Thysanoptera)

POTENTILLA:

- Thrips major* (Thysanoptera)

POTHOS:

- Diaprepes abbreviatus* (Coleoptera)

PRIMULA:

- Deroceras reticulatum* (Mollusca)

PROTEA:

- Cenaeus pectoralis* (Hemiptera)
Iridomyrmex humilis (Hymenoptera)

PRUNUS AMYGDALUS:

- Aspidiotus destructor* (Homoptera)
Ectomyelois ceratoniae (Lepidoptera)
Parlatoria oleae (Homoptera)
Trogoderma parabile (Coleoptera)

PRUNUS ARMENIACA:

- Ischnodemus diplopterus* (Hemiptera)
Parlatoria oleae (Homoptera)

PRUNUS DOMESTICA:

- Ceratitis capitata* (Diptera)
Geniocremnus chilensis (Coleoptera)
Listroderes subcincta (Coleoptera)
Pseudococcus gahani (Homoptera)

PRUNUS PERSICA:

- Anastrepha ludens* (Diptera)
Ceratitis capitata (Diptera)
Dichocrocis punctiferalis (Lepidoptera)
Geniocremnus chilensis (Coleoptera)
Ischnodemus diplopterus (Hemiptera)
Pultinaria vitis (Homoptera)
Trogoderma granarium (Coleoptera)

PRUNUS PERSICA NECTARINA:

- Geniocremnus chilensis* (Coleoptera)

PRUNUS SEROTINA:

- Anthonomus rectirostris* (Coleoptera)

PRUNUS SP. (cherry):

- Malacosoma neustria* (Lepidoptera)
Rhagoletis cerasi (Diptera)

PRUNUS SP.(?):

- Ceroptastes japonicus* (Homoptera)

PSIDIUM:

- Anastrepha mombinpraeoptans* (Diptera)
Anastrepha striata (?) (Diptera)
Ceratitis capitata (Diptera)
Lechriops psidii (Coleoptera)

PUNICA:

- Anastrepha ludens* (Diptera)
Ceratitis capitata (Diptera) 1
Cryptoblabes gnidiella (Lepidoptera)
Dacus dorsalis (Diptera)
Ectomyelois ceratoniae (Lepidoptera)
Orthezia pseudotsignis (Homoptera)

PYRUS:

- Ceratitis capitata* (Diptera)
Lepidosaphes conchiformis (Homoptera)
Pseudococcus gahani (Homoptera)

QUERCUS:

- Adleria kollari* (Hymenoptera)
Curculio elephas (Coleoptera)
Hemimene juliana (Lepidoptera)

RAPHANUS:

- Hellula undalis* (Lepidoptera)

RAUWOLFIA:

- Pseudaonidia darutyi* (Homoptera)

REINHARDTIA:

- Pseudaonidia tessarata* (Homoptera)

RENANTHERA:

- Furcaspis biformis* (Homoptera)

RHAPIS:

- Aspidiotus destructor* (Homoptera)

RHODODENDRON:

- Ceroptastes rubens* (Homoptera)
Dialeurodes chittendeni (Homoptera)
Gracilaria azalella (Lepidoptera)
Pseudaonidia clavigera (Homoptera)
Pseudococcus gahani (Homoptera)
Stephanitis pyrioides (Hemiptera)

RHYNCHOSTYLIS:

- Phenacaspis dendrobii* (tentative) (Homoptera)

ROBINIA:

- Lecanium corni* (Homoptera)

ROSA:

- Chrysomphalus personatus* (Homoptera)
Frankliniella infusa (Thysanoptera)
Isoneurothrips obscuratus (Thysanoptera)
Parlatoria oleae (Homoptera)
Paromius longulus (Hemiptera)
Tetraleurodes ursorum (Homoptera)
Tetranychus lobosus (Acarina)
Thrips fuscipennis (Thysanoptera)
Thrips major (Thysanoptera)

ROYSTONEA:

- Leucaspis cockerelli* (Homoptera)

RUBUS:

- Asterobemisia carpini* (Homoptera)

RUMEX:

- Dysdercus andreae* (Hemiptera)
Pheidole megacephala (Hymenoptera)

RUTA:

- Tetraleurodes abutilonea* (Homoptera)

Hosts and Insects—Continued

RUTACEAE(?):

Trialeurodes similis (Homoptera)

SACCHARUM:

Aulacaspis madiunensis (Homoptera)*Chilo loftini* (Lepidoptera)*Pyrophorus noctilucus* (Coleoptera)*Trionymus sacchari* (Homoptera)

SAINTPAULIA:

Acalypta brunnea (Hemiptera)

SCHEFFLERA:

Protopulvinaria pyriformis (Homoptera)*Pseudococcus gahani* (Homoptera)

SCHOMBURGKIA:

Chrysomphalus umboniferus (Homoptera)*Pseudischaspis alienus* (Homoptera)

SECIUM:

Phenacoccus gossypii (Homoptera)*Platynota rostrana* (Lepidoptera)

SEDUM:

Pulvinaria psidii (Homoptera)

SELAGINELLA:

Bradybaena similis (Mollusca)

SESBANIA:

Acanthoscelides griseolus (?) (Coleoptera)

SOIL:

Aleyrodes loniceræ (Homoptera)*Arion circumscriptus* (Mollusca)*Brachyrhinus ovatus* (Coleoptera)*Bradybaena similis* (Mollusca)*Frankliniella schultzei* (Thysanoptera)*Glycyphagus ornatus* (Acarina)*Limax marginatus* (Mollusca)*Orychilus allarius* (Mollusca)*Pentodon punctatus* (Coleoptera)*Philaenus leucophthalmus* (Homoptera)*Synygria diffundens* (Lepidoptera)*Tetranychus desertorum* (Acarina)

SOLANUM MELONGENA:

Leucinodes orbonalis (Lepidoptera)*Neoleucinodes elegantalis* (Lepidoptera)

SOLANUM QUITOENSE:

Neoleucinodes elegantalis (Lepidoptera)

SOLANUM TUBEROSUM:

Tyrophagus infestans (Acarina)

SOLANUM SP.:

Pachyzancla perusalis (Lepidoptera)

SORBUS:

Chionaspis salicis (Homoptera)

SORGHUM:

Pyrausta nubilalis (Lepidoptera)

SPINACIA:

Gnorimoschema ocellatella (Lepidoptera)

SPONDIAS:

Anastrepha mombinpraeoptans (Diptera)*Dacus dorsalis* (Diptera)

STANHOPEA:

Brevipalpus phoenicis (Acarina)*Coccus viridis* (Homoptera)*Furcaspis biformis* (Homoptera)

STRELITZIA:

Thecla ziba (Lepidoptera)

SYRINGA:

Adoxophyes orana (Lepidoptera)

TAMARINDUS:

Caryedon fuscus (Coleoptera)*Cryptophlebia ombrodella* (Lepidoptera)*Ectomyeiois ceratoniae* (Lepidoptera)

TAXUS:

Lepidosaphes pallida (Homoptera)

TERMINALIA:

Aspidiotus destructor (Homoptera)*Dacus dorsalis* (Diptera)

THEOBROMA:

Stenoma decora (Lepidoptera)

THUJA:

Aspidiotus pseudomeyeri (Homoptera)*Oligonychus perditus* (Acarina)

TILLANDSIA:

Andrector atrofasciata (Coleoptera)*Galgapha punctifer* (Hemiptera)

TRACHELOSPERMUM:

Aspidiotus destructor (Homoptera)

TRAPA:

Fulvius brevicornis (Hemiptera)

TRIFOLIUM:

Hypera nigrirostris (Coleoptera)

TRIGONIDIUM:

Vinsonia stellifera (Homoptera)

TRITICUM:

Iridomyrmex humilis (Hymenoptera)*Limothrips denticornis* (Thysanoptera)*Oxygryllus ruginasus* (Coleoptera)*Trogoderma glabrum* (Coleoptera)*Trogoderma granarium* (Coleoptera)*Trogoderma inclusum* (Coleoptera)

TSUGA:

Aspidiotus abietis (Homoptera)

TULIPA:

Myzus ascalonicus (Homoptera)*Taeniothrips gracilis* (Thysanoptera)

TURNERA:

Trialeurodes similis (Homoptera)*Trialeurodes tephrosiae* (Homoptera)

VACCINIUM:

Aleurotuberculatus similis (Homoptera)

VANDA:

Athesapeuta cyperi (Coleoptera)*Bradybaena similis* (Mollusca)*Caryedon fuscus* (Coleoptera)*Deroceras reticulatum* (Mollusca)*Furcaspis biformis* (Homoptera)*Leucaspis cockerelli* (Homoptera)*Nysius coenosulus* (Hemiptera)*Orchidophilus aterrimus* (Coleoptera)*Parlatoria pseudaspidiotus* (Homoptera)*Siphanta acuta* (Homoptera)*Zonitoides arboreus* (Mollusca)

VIBURNUM:

Frauenfeldiella jelinekii (Homoptera)

VICIA:

Acanthoscelides spinipes (Coleoptera)*Bruchus guttalis* (?) (Coleoptera)*Bruchus luteicornis* (Coleoptera)*Bruchus tristis* (Coleoptera)*Callosobruchus phaseoli* (Coleoptera)

VIGNA:

Nezara viridula (Hemiptera)

Hosts and Insects—Continued

VIOLA:

Frankliniella panamensis (Thysanoptera)

VITIS:

Acedra fratero (Hemiptera)
Ischnodemus diplopterus (Hemiptera)
Leptoglossus chilensis (Hemiptera)
Lobesia botrana (?) (Lepidoptera)
Naupactus xanthographus (Coleoptera)
Neotermes chilensis (Isoptera)
Nezara viridula (Hemiptera)
Phlyctinus callosus (Coleoptera)
Raglius apicalis (Hemiptera)

YUCCA:

Chrysomphalus agavis (Homoptera)
Farinococcus olivaceus (Homoptera)

Pseudococcus cualatensis (Homoptera)
Puto mexicanus (Homoptera)

ZANTEDESCHIA:

Cyrtopeltis modestus (Hemiptera)
Haplothrips gowdeyi (Thysanoptera)
Nezara viridula (Hemiptera)

ZEA:

Chilo loftini (Lepidoptera)
Pagiocerus fiorii (Coleoptera)
Pyrausta nubilalis (Lepidoptera)
Zeadiatraea lineolata (Lepidoptera)

ZINGIBER:

Tyrophagus infestans (Acarina)

Hosts Unknown

AIRPLANE:

Adoretus sinicus (Coleoptera)
Agrotis exusta (Lepidoptera)
Amblycephalus spectrus (Homoptera)
Azeta versicolor (Lepidoptera)
Ceresium unicolor (Coleoptera)
Coptotermes formosanus (Isoptera)
Epilachna sparsa (?) (Coleoptera)
Ereunetis simulans (Lepidoptera)
Euzoa spinifera (Lepidoptera)
Heterobostrychus aequalis (Coleoptera)
Melipotis famelica (Lepidoptera)
Nephotettix apicalis (Homoptera)
Nephotettix bipunctatus (Homoptera)
Noropsis hieroglyphica (Lepidoptera)
Ortholomus jamaicensis (Hemiptera)
Pachodynerus nasidens (Hymenoptera)
Pachybrachius nigriceps (Hemiptera)
Paragonatus divergens (Hemiptera)
Paromius longulus (Hemiptera)
Perkinetella saccharicida (Homoptera)
Piezodorus rubrofasciatus (Hemiptera)
Plusia chalcites (Lepidoptera)
Prodenia litura (Lepidoptera)
Protactia orientalis (Coleoptera)
Rupela tinctella (Lepidoptera)
Sinozylon conigerum (Coleoptera)
Stoeberhinus testaceus (Lepidoptera)
Trogoderma sternale ssp. (Coleoptera)

AUTOMOBILE:

Thyanta antiquensis (Hemiptera)

BAGGAGE:

Adoretus sinicus (Coleoptera)
Anomala orientalis (Coleoptera)
Cylas formicarius elegantulus (Coleoptera)

BAGGING:

Trogoderma granarium (Coleoptera)

BARK:

Ips combrae (Coleoptera)

BEAN:

Adoretus sinicus (Coleoptera)
Ancylostoma stercora (Lepidoptera)
Andrector ruficornis (Coleoptera)
Bruchus tristis (Coleoptera)
Trogoderma granarium (Coleoptera)
Trogoderma insulare (Coleoptera)

BIRDS—STUFFED:

Trogoderma inclusum (Coleoptera)

BRAN:

Trogoderma parabile (Coleoptera)

BULBS:

Opogona subcervinella (Lepidoptera)

CLOTHING:

Sybra alternans (Coleoptera)

CONEX BOX:

Theba pisana (Mollusca)

CUTTING:

Lapazia oblecta (Homoptera)

DUNNAGE:

Cepaea nemoralis (Mollusca)

FEED:

Trogoderma parabile (Coleoptera)

FLOUR:

Trogoderma granarium (Coleoptera)
Trogoderma parabile (Coleoptera)

FLOWERS:

Adoretus sinicus (Coleoptera)
Bradybaena similis (Mollusca)
Bryobia cristata (Acarina)
Conotekus mexicanus (Coleoptera)

Deroceras reticulatum (Mollusca)
Frankliniella formosae (Thysanoptera)
Frankliniella intonsa (Thysanoptera)
Geotomus pygmaeus (Hemiptera)
Haplothrips gowdeyi (Thysanoptera)
Helix aspersa (Mollusca)
Hidomyrmex humilis (Hymenoptera)
Siphanta acuta (Homoptera)
Taeniothrips atratus (Thysanoptera)
Thrips flabus (Thysanoptera)
Thrips major (Thysanoptera)
Vallonia pulchella (Mollusca)

FOLIAGE:

Hyalopeplus pellucidus (Hemiptera)
Syagrius fulvitaris (Coleoptera)

FOODSTUFF:

Callosobruchus phaseoli (Coleoptera)

GRAIN:

Trogoderma glabrum (Coleoptera)

GRASS:

Aclerda yunnanensis (Homoptera)

GRITS:

Trogoderma parabile (Coleoptera)

HERB:

Micrualis apicalis (Homoptera)

LEAF:

Aspidiotus destructor (Homoptera)
Gynaikothrips ficorum (Thysanoptera)
Pinnaspis uniloba (Homoptera)
Protopulvinaria pyrifomis (Homoptera)
Pseudomidia trilobitiformis (Homoptera)
Tetraleurodes acaciae (Homoptera)
Tetraleurodes ursorum (Homoptera)
Trialetrodes variabilis (Homoptera)

LEGUME:

Bruchus tristis (Coleoptera)
Ectomyelois muriscis (Lepidoptera)
Mimosestes sallaei (Coleoptera)

LOG:

Ips calligraphus (Coleoptera)
Palaeocorynus nigrosignatus (Coleoptera)

MAILBAG:

Lethocerus indicus (Hemiptera)

MAIL PARCEL:

Adoretus sinicus (Coleoptera)
Oxydema fusiforme (Coleoptera)

MILITARY CARGO:

Achatina fulica (Mollusca)
Theba pisana (Mollusca)

MOSS:

Limax maximus (Mollusca)
Sitona lineata (Coleoptera)

PACKAGE:

Trogoderma parabile (Coleoptera)

PACKING CASE:

Callidium rufipenne (Coleoptera)
Theba pisana (Mollusca)

PAPER:

Sybra alternans (Coleoptera)

PLANTS:

Chrysomphalus minutus (Homoptera)
Coccus viridis (Homoptera)
Dicyphus errans (Hemiptera)
Haplothrips cotei (Thysanoptera)
Haplothrips gowdeyi (Thysanoptera)
Morganella longispina (Homoptera)
Pinnaspis buxi (Homoptera)

Hosts Unknown—Continued

PLANTS—Continued

Pulvinaria psidii (Homoptera)
Tetraneurodes acaciae (Homoptera)
Tetraneurodes ursorum (Homoptera)
Tetranychus tumidus (Acarina)

RAILWAY CAR:

Trogoderma glabrum (Coleoptera)
Trogoderma inclusum (Coleoptera)

ROSACIOUS SHRUBS:

Brachyrhinus porcatus (Coleoptera)

SEED:

Systole geniculata (Hymenoptera)

SEED POD:

Ectomyelois muriscis (Lepidoptera)

STORES—DRY:

Trogoderma granarium (Coleoptera)

SUITCASE:

Orydema fusiforme (Coleoptera)

TWIG:

Aspidiotus aesculi (tentative) (Homoptera)
Chrysomphalus sacculata (tentative) (Homoptera)

UNKNOWN:

Anastrepha mombinpraeoptans (Diptera)
Helix aspersa (Mollusca)
Trogoderma granarium (Coleoptera)

WOOD:

Cryptotermes brevis (Isoptera)
Heterobostrychus aequalis (Coleoptera)
Hylurgops palliatus (Coleoptera)
Listroderes costirostris obliquus (Coleoptera)
Lyctus africanus (Coleoptera)
Minthea rugicollis (Coleoptera)
Molorchus minor (Coleoptera)
Nasutitermes corniger (Isoptera)
Nasutitermes costalis (Isoptera)
Obrum cantharinum (?) (Coleoptera)
Pityogenes chalcographus (Coleoptera)
Reticulitermes flavipes (Isoptera)
Sinozylon anale (Coleoptera)
Sinozylon conigerum (Coleoptera)
Theba pisana (Mollusca)

Countries of Origin and Insects

ALGERIA:

Coccus viridis
Parlatoria zizyphi

AMERICAN SAMOA:

Parlatoria pseudaspidiotus

AMERICAN VIRGIN ISLANDS:

Vinsonia stellifera

ANGLO-EGYPTIAN SUDAN:

Pectinophora gossypiella

ANGOLA:

Pectinophora gossypiella(?)

ANTIGUA:

Asterolecanium milaris robustum
Dysdercus andreae
Pectinophora gossypiella
Vinsonia stellifera

ARGENTINA:

Ceratitidis capitata
Frankliniella schultzei
Limax marginatus
Parlatoria cinerea
Pseudaonidia trilobitiformis
Tyrophagus infestans
Vallonia pulchella

ARUBA:

Acanthoscelides armitagei

AUSTRALIA:

Aspidiotus australiensis
Aspidiotus palmae
Asterolecanium petrophilae
Eucalymnatus tessellatus
Frankliniella schultzei
Isonurothrips obscuratus
Lepidosaphes tuberculata
Limax marginatus
Monomorium destructor
Nysius vinitor
Rhoecocoris sulcipectus(?)
Sternonchus mangiferae
Thrips imaginis
Zonitoides arboreus

AUSTRALIA(?):

Prodenia litura

AUSTRIA:

Aleyrodes lonicerae

AZORES:

Ceratitidis capitata
Haplothrips cottei
Haplothrips gowdeyi
Helix aspersa
Iridomyrmex humilis
Laspeyresia splendana
Pseudococcus citricus
Rhagoletis cerasi

BAHAMAS:

Ancylostoma stercora
Asterolecanium epidendri
Chalcodermus aeneus
Ectomyelois ceratoniae
Ips calligraphus
Melipotis famelica
Mormidea pictiventris
Pheidole megacephala
Protopulvinaria pyriformis

BARBADOS:

Aspidiotus destructor
Chalcodermus aeneus
Fundella pellucens
Pectinophora gossypiella
Protopulvinaria pyriformis
Pseudaonidia trilobitiformis

BELGIAN CONGO:

Ceratitidis capitata(?)

BELGIUM:

Acrolepia assectella
Anthonomus rectirostris
Deroceras reticulatum
Lecanium coryli
Mamestra brassicae
Phytomyza rufipes
Pityogenes chalcographus
Rhagoletis cerasi
Tyrophagus infestans

BERMUDA:

Bradybaena similis
Deroceras reticulatum
Haplothrips gowdeyi
Iridomyrmex humilis
Morganella longispina
Phenacoccus gossypii
Pulvinaria psidii

BOLIVIA:

Pseudaonidia trilobitiformis

BRAZIL:

Aleurothrixus floccosus
Aleurothrixus myrtacei
Anastrepha serpentina
Asterolecanium epidendri
Bradybaena similis
Brevipalpus obovatus
Ceratitidis capitata(?)
Cerconota anonella
Chrysomphalus personatus
Dysdercus honestus
Euscepes postfasciatus
Furcaspis biformis
Maruca testulalis
Monanthia monotropidia
Neoleucinodes elegantalis
Parlatoria cinerea
Phelomerus aberrans
Pseudaonidia trilobitiformis
Stenomoma catenifer
Stephanoderes hampei
Trialeurodes tabaci
Trogoderma granarium
Vinsonia stellifera

BRITISH GUIANA:

Aspidiotus destructor
Cylas formicarius elegantulus
Furcaspis biformis
Vinsonia stellifera

BRITISH HONDURAS:

Asterolecanium epidendri
Chrysomphalus umboniferus
Furcaspis biformis
Lecaniodiaspis dendrobii
Pseudischnaspis alienus
Vinsonia stellifera

BRITISH WEST INDIES:

"*Targionia*" *hartii*

CANADA:

Arion circumscriptus
Brachyrhinus ovalis
Chermes piceae
Philaenus leucophthalmus
Pulvinaria vitis
Taeniothrips ericae
Zonitoides arboreus

CANAL ZONE:

Aspidiotus destructor
Asterolecanium epidendri
Brevipalpus phoenicis
Chrysomphalus umboniferus
Conchaspsis orchidarium
Furcaspis biformis
Leucaspis cockerelli

Countries of Origin and Insects—Continued

CANAL ZONE—Continued

Parlatoria cinerea
Pinnaspis buxi
Pseudischinaspis alienus
Tenthecoris distinguendus
Unaspis citri
Vilga dissimilis
Vinsonia stellifera

CANARY ISLANDS:

Brevipalpus phoenicis
Chrysomphalus diversicolor (as defined by McKenzie)

CAPE VERDE ISLANDS:

Bruchus luteicornis

CENTRAL AMERICA:

Anastrepha mombinpraeoptans
Conotrachelus perseae

CEYLON:

Monomorium destructor
Tyrophagus infestans

CHILE:

Acletra fraterno
Epinotia aporema
Gentiocremnus chilensis
Leptoglossus chilensis
Listroderes subcincta
Lygaeus albo-ornatus
Naupactus xanthographus
Neoterme chilensis
Nezara viridula
Pseudococcus gahani

CHINA:

Parlatoria zizyphus
Trogoderma granarium
Unaspis yanonensis

COLOMBIA:

Cyrtopeltis modestus
Epinotia aporema
Ferrisia virgata
Frankliniella panamensis
Parlatoria cinerea
Parlatoria pseudaspidotus
Platypus rugulosus
Pseudodaonidia trilobitiformis
Stenoma catenifer
Thecla ziba

COSTA RICA:

Anastrepha mombinpraeoptans
Aspidiotus destructor
Aspidiotus palmae
Asterolecanium epidendri
Chrysomphalus umboniferus
Cosmopolites sordidus
Deroceras reticulatum
Farinococcus guatemalensis
Furcaspis biformis
Ligyrocoris nitidicollis
Limax marginatus
Ortholomus jamaicensis
Pinnaspis buxi
Pseudischinaspis alienus
Puto ulter
Tenthecoris confusus
Tenthecoris distinguendus

CUBA:

Aganactes indecora
Anastrepha mombinpraeoptans
Andrector ruficornis
Aspidiotus destructor
Asterolecanium epidendri
Asterolecanium militaris
Coccus viridis
Cylas formicarius elegantulus
Faustinus cubae
Ferrisia virgata
Furcaspis biformis

Heterobostrychus aequalis
Leucaspis cockerelli
Limax marginatus
Micrutalis apicalis
Noropsis hieroglyphica
Pachybrachius albocinctus
Parlatoria crotonis
Parlatoria zizyphus
Pectinophora gossypiella
Pheidole megacephala
Platynota rostrana
Pseudischinaspis bowreyi
Pseudoparlatoria ostreata
Pyrophorus noctilucus
Ribua innoxia
Tetranychus tumidus
Unaspis citri
Vinsonia stellifera
Zeadiatraea lineolata

DENMARK:

Frankliniella intonsa
Limothrips denticornis
Molorechus minor

DOMINICAN REPUBLIC:

Aleurothrixus floccosus
Anastrepha mombinpraeoptans
Ancylostomia stercora
Cylas formicarius elegantulus
Dialeurodes citrifolii
Leucaspis cockerelli
Pectinophora gossypiella
Platynota rostrana
Ribua innoxia
Systole geniculata
Trionymus sacchari

ECUADOR:

Chrysomphalus umboniferus
Cosmopolites sordidus
Epilachna borealis aequinoctialis
Epilachna paenulata
Exptochiomera confusa
Laspeyresia fabivora
Metamasius sericeus
Metamasius sericeus sericeus
Neoleucinodes elegantalis
Pagiocerus fiorii
Porphyrobapha iostoma
Stenoma catenifer

EGYPT:

Callosobruchus phaseoli
Ceratitidis capitata
Stephanoderes hampei

ELEUTHERA ISLAND:

Pectinophora gossypiella

EL SALVADOR:

Anastrepha mombinpraeoptans
Aulacaspis mangiferae
Aulacaspis tubercularis
Chrysomphalus umboniferus
Deroceras reticulatum
Furcaspis biformis
Pseudischinaspis alienus
Pseudoparlatoria ostreata
Stenoma catenifer
Vinsonia stellifera

ENGLAND:

Aleuroplatus plumosus
Anoecia corni
Argyresthia conjugella
Brevipalpus oncidii
Dactylotrypes uytenboogaarti
Deroceras reticulatum
Dialeurodes chittendeni
Frankliniella intonsa
Frauenfeldiella jelinekii
Gelechia ericetella
Heptalus humuli
Iridothrips iridis

Countries of Origin and Insects—Continued

ENGLAND—Continued

Lampetia equestris
Lecanium corni
Lepidosaphes tuberculata
Myzus ascalonicus
Phytomyza rufipes
Pulvinaria camelicola
Steneotarsonemus laticeps
Taeniothrips atratus
Thrips flavus
Thrips fuscipennis
Thrips major
Trogoderma granarium
Zonitoides arboreus

ENIWETOK (?):

Sternonchetus mangiferae

FEDERATION OF MALAYA:

Furcaspis biformis
Parlatoria zizyphus
Prays endocarpa

FIJI ISLANDS:

Aspidiotus herculeanus
Lepidosaphes tuberculata
Morganella longispina
Unaspis citri

FINLAND:

Arge pullata

FORMOSA:

Ceroplastes rubens
Lepidosaphes tuberculata
Parlatoria zizyphus
Trogoderma granarium

FRANCE:

Aceria macrochelus
Acrolepia assectella
Aspidiotus mairiei
Asterobemisia carpini
Brevipalpus phoenicis
Curculio elephas
Deroceras reticulatum
Helix aspersa
Hypera punctata
Laspeyresia splendana
Lecanium corni
Lecanium coryli
Leucaspis loewi
Obrum cantharinum(?)
Parlatoria zizyphus
Phytomyza rufipes
Pseudococcus gahani
Psylliodes chrysocephala
Pulvinaria vitis
Rhagoletis cerasi
Taeniothrips atratus
Thrips major

FRANCE(?):

Ceratitidis capitata

FRENCH WEST AFRICA:

Hellula undalis
Palaeocorynus nigrosignatus
Parlatoria zizyphus
Tyrophagus infestans

GERMANY:

Acalypta brunnea
Aleyrodes toniceriae
Argyresthia conjugella
Arion circumscriptus
Brachyrhinus porcatus
Brevipalpus obovatus
Cepaea nemoralis
Frankliniella intonsa
Gelechia ericetella
Ips combrae
Lampetia equestris
Milax gagates(?)
Phytomyza rufipes

Rhagoletis cerasi
Steneotarsonemus laticeps
Taeniothrips atratus
Taeniothrips dianthi
Taeniothrips ericae
Thrips flavus
Thrips major

GHANA:

Maruca testulalis

GRAND CAYMAN:

Microcerotermes arboreus

GREECE:

Bruchus tristis
Ceratitidis capitata
Cryptoblabes gnidiella
Curculio elephas
Ectomyelois ceratoniae
Hypera postica
Laspeyresia splendana
Leucaspis riccae
Parlatoria oleace
Pseudococcus citricus
Ripersistella palastinae
Trogoderma inclusum

GRENADA:

Furcaspis biformis

GUAM:

Achatina fulica
Aonidiella tinornata
Cerestium unicolor
Lepidosaphes mcgregori
Pheidole megacephala
Sternonchetus mangiferae

GUATEMALA:

Anastrepha ludens
Anastrepha mombinpraeoptans
Aspidiotus mendax
Aspidiotus palmarum
Asterolecanium epidendri
Chrysomphalus tenax
Chrysomphalus umboniferus
Deroceras reticulatum
Farinococcus guatemalensis
Furcaspis biformis
Iridomyrmex iniquus
Lepidosaphes tuberculata
Ligyrocoris aurivilliana
Limax marginatus
Nysius raphanus
Paromitus longulus
Pseudoparlatoria ostreata
Pulo ulter
Stenomoma catenifer
Tenthetocoris bicolor
Tenthetocoris confusus
Tenthetocoris vestitus
Vinsonia stellifera

HAITI:

Anastrepha mombinpraeoptans
Bemisia tabaci
Cylas formicarius elegantulus
Haplothrips gowdeyi
Nezara viridula

HAWAII:

Adoretus sinicus
Anomala orientalis
Araecerus levipennis
Athesapecta cyperi
Bradybaena similaris
Caryedon fuscus
Ceratitidis capitata
Ceroplastes rubens
Chaetanaphothrips orchidii
Coccus viridis
Conotellus mexicanus
Coptotermes formosanus
Cryptophlebia illepidia

Countries of Origin and Insects—Continued

HAWAII—Continued

Cryptotermes brevis
Cylas formicarius elegantulus
Dacus cucurbitae
Dacus dorsalis
Deroceras reticulatum
Diachus auratus
Dialeurodes kirkaldyi
Diocalantra taitensis
Ectomyelois ceratoniae
Ereunetis flavistriata
Euscapes postfasciatus
Furcaspis biformis
Geotomus pygmaeus
Halticus chrysolepis
Hyalopeplus pellicudus
Lampides boeticus
Lepidosaphes tokionis
Lepidosaphes tuberculata
Leucaspis cockerelli
Listroderes costirostris obliquus
Maruca testulalis
Mimosastes sallaei
Nysius coenosulus
Orchidophilus aterrimus
Oxydenia fusiforme
Parlatoria cratonis
Parlatoria zizyphus
Pectinophora gossypiella
Perkinsiella saccharicida
Pheidole megacephala
Pholidophorus advena
Pinnaspis buxi
Pinnaspis caricis
Plusia chalcites
Pseudococcus palmarum
Pulvinaria psidii
Sinoxylon conigerum
Siphanta acuta
Sternonchetus mangiferae
Syagrius fulvitaris
Sybra alternans
Taeniothrips hawaiiensis
Trogoderma insulare
Zonitoides arboreus

HONDURAS:

Anastrepha mombinpraeoptans
Chrysomphalus umboniferus
Cosmopolites sordidus
Furcaspis biformis
Metamasius sericeus
Paromius longulus
Plagiodes thymaloides
Pseudischinaspis alienus
Pseudoparlatoria ostreata
Rhinostomus barbirostris
Tenthetocoris vestitus

HONG KONG:

Cylas formicarius formicarius
Fiortina nephelii
Fulvius brevicornis
Parlatoria zizyphus
Unaspis yanonensis
Aonidiella inornata
Callosobruchus phaseoli
Caryedon fuscus
Chrysomphalus pinnulifera
Coccus capparidis
Cylas formicarius formicarius
Heterobostrychus aequalis
Lyctus africanus
Minthea rugicollis
Sinoxylon anale
Sinoxylon conigerum
Stephanoderes hampei
Trogoderma granarium

INDIA(?):

Nepholetitz bipunctatus

INDONESIA:

Aspidiotus palmae
Orchidophilus aterrimus

Parlatoria pseudaspidiotus
Phenacaspis dendrobii (tentative)

IRAN:

Lepidosaphes pistaciae
Lepidosaphes pistaciae f. pistacicola
Luzulaspis kondarensis
Parlatoria camelliae
Parlatoria oleae

IRELAND:

Argyresthia conjugella
Deroceras reticulatum
Helix aspersa
Lampetia equestris
Oxychilus allarius
Thrips major

ISRAEL:

Acrosternum heegeri
Aspidiotus aharonii
Ceratitidis capitata
Ceroplastes rusci
Cryptoblabes gnidiella
Ectomyelois ceratoniae
Pyrausta nubilalis

ITALY:

Acanthoscelides spinipes
Acrolepis assectella
Adleria kollari
Aleurolobus olivinus
Apion carduorum
Argyresthia conjugella
Arion circumscriptus
Bemisia citricola(?)
Brachycerus albidentatus
Brachycerus algeris
Bruchus ervi
Bruchus signaticornis
Bruchus tristis
Ceratitidis capitata
Ceroplastes rusci
Ceroplastes sinensis(?)
Cryptoblabes gnidiella
Curculio elephas
Curculio nucum
Dacus oleae
Deloyala guttata
Deroceras reticulatum
Diaspis zamiae
Dyspessa ulula
Ectomyelois ceratoniae
Eucalyptus tessellatus
Euleia heraclei(?)
Frankliniella tenuicornis
Hemimene juliana
Hypera nigristrostris
Iridomyrmex humilis
Laspeyresia nigricana
Laspeyresia splendana
Lepidosaphes ficus
Leucaspis riccae
Limax maximus
Lobesia botrana(?)
Lygus gemellatus
Parlatoria oleae
Parlatoria zizyphus
Parmena balteatus
Pentodon punctatus
Phloeotribus scarabaeoides
Prays oleellus
Pseudococcus citricus
Pyrausta nubilalis
Rhagoletis cerasi
Spanioneura fonscolombei
Spermophagus sericeus(?)
Thrips major
Trialeurodes lauri
Trogoderma granarium

JAMAICA:

Anastrepha mombinpraeoptans
Aonidiella citrina
Aonidiella comperei

Countries of Origin and Insects—Continued

JAMAICA—Continued

Aspidiotus destructor
Asterolecanium epidendri
Chrysomphalus odontoglossi
Coccus viridis
Cylas formicarius elegantulus
Faustinus cubae
Furcaspis biformis
Leucaspis cockerelli
Monomorium destructor
Palaeopus costicollis
Parlatoria proteus
Pectinophora gossypiella
Pseudoparlatoria ostreata
Tetranychus cucurbitae
Unaspis citri
Vinsonia stellifera

JAPAN:

Adoretus sinicus
Agrotis exusta
Aleurotrachelus camelliae
Aleurotuberculatus aucubae
Aleurotuberculatus magnoliae
Aleurotuberculatus similis
Aspidiotus cryptomeriae
Aspidiotus degeneratus
Aspidiotus destructor
Aspidiotus excisus
Aspidiotus pseudomeyeri
Aulacaspis latissimus
Barathra brassicae
Bryobia cristata
Callidium rufipenne
Callosobruchus phaseoli
Corposina niponensis
Ceronema japonica(?)
Ceroplastes japonicus
Ceroplastes rubens
Chilo suppressalis
Chrysomphalus bifasciculatus
Deroceus reticulatus
Dichocrocis punctiferalis
Ereunetis simulans
Frankliniella formosae
Gracilaria azaleella
Haplothrips gowdeyi
Icerya seychellarum
Lepidosaphes conchiformis
Lepidosaphes kamakurenensis
Lepidosaphes newsteadi
Lepidosaphes pallida
Lepidosaphes tuberculata
Lepidosaphes tubulorum
Limax marginatus
Lycotrylon japonum
Lyctus africanus
Malacosoma neustrina
Maruca testulalis
Morganella longispina
Nipponaclerda biwakoensis
Oligonychus perditus
Parlatoria camelliae
Parlatoria zizyphus
Pentamerismus oregonensis
Phyllocnistis saligna
Piezodorus rubrofasciatus
Pinnaspis buzi
Pinnaspis uniloba
Plusia chalcites
"Plusia" pini
Protaetia orientalis
Pseudonidia clavigera
Pseudonidia paeoniae
Pseudococcus azaleae
Pseudococcus kraunhiae
Pulvinaria psidii
Pyrausta nubilalis
Stephanitis nashi
Stephanitis pyrioides
Taeniothrips gracilis
Taeniothrips hawaiiensis
Trogoderma parvum(?)
Unaspis yanonensis

JAPAN(?):

Amblycephalus spectrum
Nephotettix apicalis
Prodenia litura

KENYA:

Bostrychoplites cornutus
Lyctus brunneus
Odonaspis ruthae

KOREA:

Chilo suppressalis
Lepidosaphes conchiformis

KWAJALEIN:

Furcaspis oceanica
Pseudococcus palmarum

LEBANON:

Bruchus ervi
Ceratitis capitata
Chrysomphalus inopinatus
Lepidosaphes pistaciae

LIBERIA:

Planococcus hoznyi

LIBYA:

Ceratitis capitata
Theba pisana

MADEIRA ISLANDS:

Chrysomphalus personatus

MARSHALL ISLANDS:

Lepidosaphes esakii

MARTINIQUE:

Leucaspis cockerelli

MEDITERRANEAN REGION:

Theba pisana

MEXICO:

Acalymma trivittata
Acanthoscelides griseolus(?)
Aleurocanthus woglumi
Aleuroglandulus emmae
Aleuroparadoxus gardeniae
Aleuroplatus variegatus
Aleurothrixus floccosus
Amitermes wheeleri
Amphelasma decoratum
Amyssonotum rastratum flexum
Anacraga sofia
Anaphothrips orchidaceus
Anastrepha ludens
Anastrepha mombinpraeoptans
Anastrepha serpentina
Anastrepha striata(?)
Andrector atrofasciata
Apion griseum
Aspidiotus aesculi (tentative)
Aspidiotus destructor
Aspidiotus palmae
Aspidiotus popularum (tentative)
Asterolecanium epidendri
Aulacaspis tuberculatis
Botrachedra tinaria
Blissus pulchellus
Bucculatrix thurberiella
Calligrapha labyrinthica
Chilo toftini
Chrysomphalus agavis
Chrysomphalus albopictus
Chrysomphalus personatus
Chrysomphalus sacculata (tentative)
Chrysomphalus sphaerioides
Chrysomphalus tenax
Chrysomphalus tingi
Chrysomphalus umboniferus
Coelonertus nigrirostris
Conotelus mexicanus
Conotrachelus aguacatae

Countries of Origin and Insects—Continued

MEXICO—Continued

Cosmopolites sordidus
Cryphula apicatus
Cylas formicarius elegantulus
Deloyala guttata
Deroceras reticulatum
Diabrotica porracea
Diaspis echinocacti
Dinaspis aculeata
Diorymerellus laevis
Dysdercus mimus
Ectomyelois muriscis
Epinotia aporema
Eucalymnatus tessellatus
Eutheola bidentata
Eugeraeus unifasciatus (?)
Eurytoma orchidearum (?)
Euschistus servus
Eutetranychus banksi
Everes comyntas
Exptochiomeria albomaculata
Exptochiomeria confusa
Exptochiomeria oblonga
Farinococcus olivaceus
Ferrisia virgata
Galgupha punctifer
Galgupha quadrisignata
Gnaphalodes trachyderoides
Gnorimoschema gudmannella
Grapholitha packardii
Gymnandrosoma aurantianum
Gymnococcus aparium
Gynaikothrypes ficorum
Helix aspersa
Heterotermes connexinotatus
Jadera sanguinolenta
Lapazia oblecta
Lepidosaphes philococcus
Ligyrocoris aurivilliana
Ligyrocoris nitidicollis
Limax marginatus
Lycophotia ornea
Neoleucinodes elegantalis
Neoleucon rubrotiglius
Nezara viridula
Oebalus insularis
Oedancala bimaculata
Ogdoecosta catenulata
Opuntiaspis carinata
Orthesia pseudinsignis
Oxygryllus ruginasus
Ozophora concava
Ozophora consanguineus
Pachodynerus nasidens
Pachygrontha oedancalodes
Paragonatus divergens
Parlatoria cinerea
Paromius longulus
Pectinophora gossypiella
Phenacoccus gossypii
Phera centrolineata
Plagiodera semivittata
Plagiodera thymaloidea
Platynota rostrana
Procrityptermes hubbardi
Pseudaonidia tessarata
Pseudischnaspis alienus
Pseudischnaspis longissima
Pseudococcus eucalensis
Pseudodiaspis yuccae
Pseudoparlatoria ostreata
Puto mexicanus
Puto uller
Reticulitermes flavipes
Reticulitermes tibialis
Rhagoletis juglandis
Rhopalosiphum rufiabdominalis
Stator limbatus
Stator pruinatus
Stenoma catenifer
Synyrias diffundens
Talponia batesi
"Targionia" bromiliae
Tenthecoris angustimarginatus
Tenthecoris bicolor

Tenthecoris confusus
Tetraleurodes acaciae
Tetraleurodes ursorum
Tetranychus desertorum
Tetranychus lobosus
TeXanaspis spatulatus
Thecla ziba
Thyanta antiquensis
Trialeurodes abutilonea
Trialeurodes similis
Trialeurodes tephrosiae
Trialeurodes variabilis
Trialeurodes vitrinellus
Trogoderma glabrum
Trogoderma granarium
Trogoderma inclusum
Trogoderma parabile
Trogoderma sternale ssp.
Unaspis citri
Zonitoides arboreus

MIDWAY ISLANDS:

Oxydema fusiforme

MONACO:

Tetranychus cinnabarinus

MOROCCO:

Bouhelia maroccana
Gnorimoschema ocellatella
Parlatoria zizyphus
Theba pisana

NEPAL:

Fiornia theae

NETHERLANDS:

Acrolepia assectella
Adozophyes orana
Deroceras reticulatum
Dialeurodes chittendeni
Eriophyes canestrinii
Frankliniella intonsa
Gracilaria azaleella
Lampetia equestris
Myzus ascalonicus
Orychilus allarius
Phytomyza rufipes
Rhopalosiphum crataegellum
Sitona lineata
Taeniothrips atratus
Thrips major
Trogoderma granarium
Tyrophagus infestans

NEW CALEDONIA:

Pseudaonidia darutyi

NEW GUINEA:

Aulacaspis madiuensis
Pinnaspis buxi

NEW ZEALAND:

Lepidosaphes tuberculata
Parlatoria pseudaspidiotus

NICARAGUA:

Aleurocanthus woglumi
Aleurothrixus floccosus
Anastrepha mombinpraeoptans
Chrysomphalus umboniferus
Pseudischnaspis alienus ?
Pseudischnaspis longissima
Stenoma catenifer

NIGERIA:

Cylas femoralis
Cylas puncticollis
Leucinodes orbonalis

NORTHERN IRELAND:

Lampetia equestris

NORWAY:

Chionaspis salicis

Countries of Origin and Insects—Continued

PALMYRA ISLAND:

Agonoxena argaula
Pheidole megacephala

PANAMA:

Acanthoscelides armitagei
Anastrepha mombinpraeoptans
Ancylostomia stercorea
Aspidiotus destructor
Asterolecanium epidendri
Azeta versicolor
Brevipalpus phoenicis
Chalcodermus aeneus
Chrysomphalus personatus
Chrysomphalus tenax
Coccus viridis
Deroceras reticulatum
Ectomyelois muriscis
Furcaspis biformis
Leucaspis cockerelli
Nasutitermes corniger
Parlatoria cinerea
Parlatoria pseudaspidiotus
Pheidole megacephala
Platynota rostrana
Rhinochenus stigma
Stenoma catenifer
Tenthecoris distinguendus
Trogoderma sternale ssp.
Unaspis citri
Vinsonia stellifera
Zonitoides arboreus

PANAMA(?):

Chrysomphalus umboniferus

PARAGUAY:

Pectinophora gossypiella

PERU:

Coccus viridis
Euscepes postfasciatus
Helix aspersa
Pagiocerus fiorii
Stenoma calenifer
Unaspis citri

PHILIPPINES:

Aclerda yunnanensis
Antonina graminis
Aonidiella inornata
Aspidiotus destructor
Aspidiotus palmarum
Aulacaspis mangiferae
Chrysomphalus minutus
Coccus viridis
Cryptophlebia ombrodelta
Cylas formicarius ssp.
Cylas formicarius var.
Cylas formicarius formicarius
Dialeurodes kirkaldyii
Epilachna sparsa(?)
Ferrisia virgata
Laspeyresia splendana
Morganella longispina
Nephotettix bipunctatus
Parlatoria zizyphus
Phyllocnistis citrella
Pseudonidia curculiginis
Pseudococcus lilacinus
Sternonchus mangiferae
Stoeberhinus testaceus
Tenuipalpus pacificus

POLAND:

Aceria tulipae
Limothrips denticornis
Phytomyza rufipes

PONAPE:

Pseudococcus pandani
"Targionia" bromeliae

PORTUGAL:

Aonidiella lauretorum
Aspidiotus degeneratus
Brevipalpus obovatus
Bruchus guttalis(?)
Caryedon fuscus
Cenopalpus pulcher
Ceratitis capitata
Curculio elephas
Diaspis zamiae
Dicyphus errans
Epidiopsis piricola
Glycyphagus ornatus
Iridomyrmex humilis
Laspeyresia splendana
Leucaspis pusilla
Lineaspis striata
Opogona subcervinella
Parlatoria camelliae
Pulvinaria floccifera
Rhagoletis cerasi
Targionia laurina
Thrips angusticeps
Trogoderma granarium

PORTUGAL(?):

Chilo suppressalis

PUERTO RICO:

Anastrepha mombinpraeoptans
Ancylostomia stercorea
Coccus viridis
Cylas formicarius elegantulus
Diaprepes abbreviatus
Euscepes postfasciatus
Fundella pellucens
Lechriops psidii
Maruca testulalis
Nasutitermes costalis
Nezara viridula
Pachyzancla bipunctalis(?)
Pachyzancla periusalis
Pulvinaria urticae (tentative)
Selenothrips rubrocinctus
Trionymus sacchari

RHODESIA:

Caryedon fuscus(?)

ST. KITTS:

Ancylostomia stercorea
"Targionia" hartii

ST. LUCIA:

Aspidiotus palmarum

SCOTLAND:

Frauenfeldiella jelinekii
Gelechia ericetella
Micrelus ericae
Pseudococcus gahani
Scolopostethus decoratus
Taeniothrips atratus
Taeniothrips ericae
Thrips major

SIERRA LEONE:

Cylas puncticollis

SINGAPORE:

Aspidiotus destructor
Cylas formicarius formicarius
Furcaspis biformis
Parlatoria zizyphus
Phenacaspis dendrobii (tentative)

SOUTH PACIFIC:

Pachybrachius nigriceps
Parlatoria zizyphus

SPAIN:

Brachycerus algeris
Ceratitis capitata
Chionaspis salicis

Countries of Origin and Insects—Continued

SPAIN—Continued

Cyrtoblabe gnidiella
Curculio elephas
Dacus oleae
Dyspessa ulula
Gnorimoschema ocellatella
Laspeyresia splendana
Parlatoria zizyphus
Rhagoletis cerasi
Theba pisana

SUMATRA:

Bruchus luteicornis

SWEDEN:

Argyresthia conjugella
Blastophagus piniperda
Chionaspis salicis
Myzus ascalonicus
Phytomyza rufipes
Pityogenes chalcographus

SWEDEN(?):

Aspidiotus abietis

SWITZERLAND:

Hylurgops palliatus
Parlatoria camelliae
Rhagoletis cerasi
Stenoptilia stigmatodactyla
Taeniothrips picipes

TAHITI:

Aspidiotus destructor
Morganella longispina
Parlatoria cinerea

TANGANYIKA:

Antonina graminis

THAILAND:

Cylas formicarius ssp.
Cylas formicarius formicarius
Parlatoria citri
Parlatoria zizyphus
Phenacoccus hirsutus

TORTOLA:

Ancylostoma stercora
Haplothrips gowdeyi

TRINIDAD:

Aganactesis indecora
Anastrepha mombinpraeoptans(?)
Asterolecanium mliaris mliaris
Coccus viridis
Ectomyelois ceratoniae
Furcaspis biformis
Neodryocotes guianae
Parlatoria cinerea
Pentalonia nigronervosa
Protopulvinaria pyriformis
Pseudonidia trilobitiformis
Stenoma decora
Vinsonia stellifera

TUNISIA:

Ceratitis capitata
Parlatoria zizyphus

TURKEY:

Curculio elephas

UNION OF SOUTH AFRICA:

Callosobruchus phaseoli
Cenaen pectoralis
Ceratit capitata(?)
Epichorista ionephela
Frankliniella schultzei
Iridomyrmex humilis
Ischnodemus diplopterus
Olethreutes leucotreta
Phlyctinus callosus
Pseudothrips glaucus(?)
Raglius apicalis
Trogoderma granarium

UNKNOWN:

Acrolepia assectella
Adoretus sinicus
Argyresthia conjugella
Bruchus tristis
Cylas formicarius formicarius
Dacus dorsalis
Dacus oleae(?)
Ectomyelois ceratoniae
Eurytoma plotnikovi
Metamasius sericeus
Parlatoria cinerea
Parlatoria zizyphus
Rhagoletis cerasi
Taeniothrips atratus
Trionymus lounsburyi
Trogoderma granarium
Trogoderma parabile
Unaspis yanonensis

VENEZUELA:

Aganactesis indecora
Asterolecanium bambusae
Asterolecanium epidendri
Asterolecanium mliaris mliaris
Chrysomphalus personatus
Chrysomphalus prosimus (as defined by McKenzie)
Cyrtoblabe gnidiella
Deroceus reticulatum
Ectomyelois muriscis
Furcaspis biformis
Noropsis hieroglyphica
Phelomerus aberrans
Pseudischaspis alienus
Rupela tinctella
Stenoma catenifer

VIETNAM:

Sternochetus mangiferae

WEST PACIFIC:

Euxoa spinifera
Lethocerus indicus
Prodenia litura

YUGOSLAVIA:

Ectomyelois ceratoniae
Frankliniella intonsa
Pyrausta nubilalis

Pests Collected and Reported From July 1, 1957, Through June 30, 1958

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
† <i>Allantonectria millina</i> (Mont.) Weese: <i>Agave</i> sp.-----	Mexico-----			1	Ariz.
<i>Alternaria citri</i> Ell. & Pierce: <i>Citrus limon</i> (lemon)-----	Italy-----		1		Calif.*
<i>Alternaria dianthi</i> F. L. Stevens & J. G. Hall: <i>Dianthus</i> sp.-----	England-----			1	Mass.
<i>Aphelenchoides fragariae</i> (Ritzema Bos) Christie(?): <i>Bletilla hyacinthina</i> (orchid)-----	†Japan, Netherlands-----			2	N.J.
† <i>Ascochyta cucumis</i> Fautr. & Roum.(?): <i>Secium edule</i> (chayote)-----	Mexico-----	1			Ariz.
<i>Ascochyta pisi</i> Lib.: <i>Pisum sativum</i> (pea)-----	Italy, Japan, †Portugal-----	1	2		N.Y., Wash.
† <i>Aspergillus mangini</i> (Mangin) Thom & Raper: <i>Oryza sativa</i> (rice)-----	Portugal-----	1			P.R.
<i>Asperisporium caricae</i> (Speg.) Maubl.: <i>Carica papaya</i> (papaya)-----	Brazil, Mexico-----	3			P.R., Tex.
† <i>Asterinella epidendri</i> (Rehm) Theiss.: <i>Epidendrum</i> sp. (orchid)-----	Mexico-----			1	Tex.
<i>Botryosphaeria berengeriana</i> de N. var. <i>araucaria</i> Sacc.: <i>Araucaria araucana</i> -----	Italy-----			1	N.J.
† <i>Botryosphaeria palmigena</i> (Berk. & Cke.) Bomm. & Rous.: <i>Chamaedorea</i> sp.-----	Mexico-----			1	Tex.
<i>Botryosphaeria ribis</i> Gross. & Dug.: <i>Delonix regia</i> (royal poinciana)-----	Unknown-----	1			N.Y.
<i>Botrytis gladiolorum</i> Timmerm.: <i>Gladiolus</i> sp.-----	Japan, Mexico, Netherlands, †Venezuela-----	2		28	Calif., Calif.* N.J., N.Y.
<i>Ceratocystis narcissii</i> (Limber) J. Hunt: <i>Narcissus</i> sp.-----	England, Germany, New Zealand-----			6	N.J.
<i>Cercospora angraci</i> Feuill. & Roum.: <i>Epidendrum ciliare</i> (orchid)-----	Mexico-----			1	Tex.
<i>Odontoglossum hallii</i> (orchid)-----	do-----			1	Tex.
<i>Oncidium lamelligerum</i> (orchid)-----	†Ecuador-----			1	Calif.*
Orchid-----	Mexico-----			1	Tex.
<i>Cercospora canescens</i> Ell. & G. Martin: <i>Phaseolus vulgaris</i> var. (string bean)-----	Puerto Rico-----	1			P.R.
<i>Cercospora coffeicola</i> Berk. & Cke.: <i>Coffea</i> sp. (coffee)-----	Brazil, †El Salvador-----	1		1	La., Tex.
† <i>Cercospora columaris</i> Ell. & Ev.: <i>Phaseolus vulgaris</i> -----	Puerto Rico-----	1			P.R.
† <i>Cercospora cyripedii</i> Ell. & Dearn: <i>Sobralia xantholeuca</i> (orchid)-----	Guatemala-----			1	Tex.
<i>Cercospora gossypina</i> Cke.: <i>Gossypium</i> sp. (cotton)-----	Mexico-----	1			Tex.
<i>Cercospora handelii</i> Bub.: <i>Rhododendron</i> sp.-----	Netherlands-----			9	N.J., N.Y.
<i>Cercospora insulana</i> Sacc.: <i>Armeria</i> sp. (statice)-----	Mexico, †Peru-----	2			Fla., Tex.
<i>Cercospora musae</i> Zimm.: <i>Musa paradisica sapientum</i> (banana)-----	Panama-----	1			S.C.
<i>Cercospora neriella</i> Sacc.: <i>Nerium oleander</i> (oleander)-----	Bermuda-----			1	Va.
† <i>Cercospora odontoglossi</i> Prill. & Delac.: <i>Oncidioida</i> sp. (orchid)-----	Mexico-----			1	Tex.
† <i>Cercospora puderi</i> B. H. Davis: <i>Rosa</i> sp.-----	do-----	1			Tex.
<i>Cercospora purpurea</i> Cke.: <i>Persea americana</i> (avocado)-----	do-----	1			Tex.
<i>Cerebella andropogonis</i> Ces.: <i>Paspalum dilatatum</i> (Dallis grass)-----	Australia, New Zealand-----			2	Ill., S.C.
† <i>Cerotelium fici</i> (Buhl.) Arth.: <i>Ficus carica</i> (fig)-----	Ecuador-----	1			Fla.
† <i>Chalaropsis thielaviopsis</i> Peyronel: <i>Astilbe</i> sp.-----	Netherlands-----			1	N.J.
<i>Chlamydomyces palmarum</i> (Cke.) Mason: <i>Oryza sativa</i> (rice)-----	Japan-----	1			Calif.*

See footnotes at end of table.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Chrysomya ledi</i> d By. var. <i>rhododendri</i> (d By.) Savile:					
<i>Rhododendron ferrugineum</i> (rock rhododendron).	Switzerland	25		1	N.J., N.Y., Wash.
<i>Rhododendron hirsutum</i> (garland rhododendron).	Austria, Switzerland	2			N.J.
<i>Rhododendron pemakoense</i>	†Canada			1	Wash.
<i>Rhododendron</i> 'Racil'	do			1	Wash.
<i>Rhododendron radicans</i> (rockmantle rhododendron).	do			1	Wash.
<i>Rhododendron</i> 'Tessa'	do			1	Wash.
<i>Rhododendron</i> sp.	Germany, Switzerland	5		5	Calif.,* D.C., Ill., N.J., N.Y., Va.
<i>Chrysomya ledicola</i> Laghr.:					
<i>Picea mariana</i> (black spruce)	Canada			1	N.J.
<i>Cladosporium orchidearum</i> Cke. & Mass.:					
<i>Cattleya citrina</i> (orchid)	Mexico			1	Tex.
† <i>Coleosporium asterum</i> (Diet.) Syd.:	Cuba	1			Fla.
<i>Callistophus chinensis</i> (China-aster)					
<i>Coleosporium ipomoeae</i> (Schw.) Burr.:	Mexico	1			Tex.
<i>Ipomoea</i> sp.					
† <i>Colletotrichum crassipes</i> (Speg.) Arx:	El Salvador	1			Tex.
<i>Crataegus</i> sp.					
<i>Colletotrichum dematium</i> (Fr.) Grove:					
<i>Capsicum frutescens</i> (pepper)	Mexico, Union of South Africa, England	2			N.Y., Tex.
<i>Hedera helix</i> (ivy)	do		1		Mass.
<i>Hedera</i> sp.	do		1	1	Mass., N.Y.
<i>Rheum raphonticum</i> (rhubarb)	Canada			1	N.Y.
<i>Colletotrichum dematium</i> (Fr.) Grove f. <i>circinans</i> (Berk.) Arx:					
<i>Allium porrum</i> (leek)	†Japan		1		Calif.*
<i>Colletotrichum graminicola</i> (Ces.) G. W. Wils.:					
<i>Arundinaria</i> sp.	†Portugal			1	D.C.
<i>Brachypodium</i> sp.	Italy			1	D.C.
Straw—cereal	Portugal	1			S.C.
<i>Triticum aestivum</i> (wheat)	do	1			N.Y.
<i>Colletotrichum musae</i> (Berk. & Curt.) Arx:					
<i>Musa paradisiaca sapientum</i> (banana)	Brazil	1			P.R.
† <i>Coniothecium agares</i> Petr.:					
<i>Agave</i> sp.	Mexico			1	Tex.
<i>Coniothecium scabrum</i> McAlp.:					
<i>Citrus limon</i> (lemon)	Italy	1			N.Y.
<i>Coniothecium cytisellum</i> (Pass. & Thuem.) Sacc.:					
<i>Laburnum watereri</i> (waterer laburnum)	Netherlands			3	N.J.
† <i>Coniothyrium diplodiella</i> (Speg.) Sacc.:					
<i>Vitis</i> sp. (grape)	Denmark			1	Calif.*
† <i>Coniothyrium globulisporeum</i> Speg.:					
Cactus plants	Mexico			1	Tex.
<i>Coniothyrium hellebori</i> Cke. & Mass.:					
<i>Helleborus niger</i> (Christmas-rose)	Germany, Italy, Netherlands			3	N.J., N.Y., Pa.
<i>Helleborus</i> sp.	Netherlands			1	N.Y.
† <i>Coniothyrium socium</i> Pass. & Beltr. (?):					
Palm	Mexico	1			Mass.
† <i>Coniothyrium stanhopeae</i> P. Henn.:					
<i>Stanhopea bucephalus</i> (orchid)	Canal Zone			1	Fla.
<i>Corynespora cassicola</i> (Berk. & Curt.) Wei:					
<i>Lycopersicon esculentum</i> (tomato)	Mexico		1		La.
† <i>Coryneum carpophilum</i> (Lev.) Jauch:					
<i>Prunus tenella</i>	Canada			1	N.J.
<i>Criconeoides xenoplax</i> Raski:					
<i>Juniperus</i> sp.	Japan			1	Wash.
<i>Cryptospora longispora</i> Servazzi:					
<i>Araucaria excelsa</i> (Norfolk-Island-pine)	Australia, Norfolk Island			12	Calif.* D.C., Fla., N.J.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
† <i>Cumminsia mirabilissima</i> (Pk.) Nannf.: <i>Mahonia</i> sp.	England(?)		1		Mass.
† <i>Curcularia geniculata</i> (Tracy & Earle) Boed.: <i>Areca cathecu</i> (betel palm)	Pakistan	1			D.C.
<i>Curcularia lunata</i> (Wakk.) Boed.: <i>Capsicum frutescens longum</i> (chili pepper)	Mexico	1			Tex.
† <i>Cylindrocarpon radicicola</i> Wr.: <i>Cotinus coggygia</i>	Netherlands			1	N.J.
† <i>Cytospora chrysosperma</i> Fr.: <i>Populus</i> sp.	Canada			1	Wash.
† <i>Dendrophoma cytosporoides</i> Sacc. var. <i>punicina</i> Sacc.: <i>Punica granatum</i> (pomegranate)	Spain	1			N.Y.
† <i>Diaporthe arctii</i> (Lasch) Nits.: <i>Cocos nucifera</i> (coconut)	Christmas Island	1			Hawaii
† <i>Diaporthe eres</i> Nits.: <i>Ilex</i> sp.	England			1	D.C.
† <i>Diaporthe oncostoma</i> (d By.) Fekl.: <i>Parkinsonia aculeata</i>	Uruguay			1	Calif.*
<i>Didymellina ornithogali</i> Jacques: <i>Ornithogalum thyrsoides</i> (chinkerichee)	Union of South Africa	2			Mass.
<i>Diplodia circinans</i> Berk. & Br.: <i>Yucca</i> sp.	Mexico			1	Ariz.
<i>Diplodia coccocarpa</i> Sacc.: <i>Cocos nucifera</i> (coconut)	†Canal Zone, Hawaii, Mexico.	4			Calif.*
<i>Diplodina eurrhododendri</i> Voss: <i>Rhododendron</i> sp.	Netherlands			1	N.Y.
<i>Diplodina leucothoes</i> (P. Henn.) Died.: <i>Leucothoe catesbaei</i>	do			1	N.J.
<i>Discohainesia oenotherae</i> (Cke. & Ell.) Nannf.: <i>Bergenia cordifolia</i>	do			1	N.J.
<i>Paconia suffruticosa</i> (tree peony)	Japan			1	N.J.
<i>Paconia</i> sp.	Japan, Netherlands			2	N.J., Pa.
<i>Rhododendron ferrugineum</i> (rock rhododendron)	Switzerland			1	N.J.
<i>Ditylenchus dipsaci</i> (Kuhn) Filip.: <i>Allium sativum</i> (garlic)	Mexico	2			Ariz.
<i>Iris</i> sp.	Netherlands			1	Pa.
<i>Narcissus</i> sp.	England, Scotland			9	N.J.
<i>Elsinoe australis</i> Bitanc. & Jenkins: <i>Citrus aurantifolia</i> (lime)	Unknown		1		Calif.*
<i>Citrus limon</i> (lemon)	Argentina, Brazil, unknown.	4	4		Calif., Fla., Mass., N.Y.
<i>Citrus paradisi</i> (grapefruit)	Brazil			3	Calif.,* Pa., Tex.
<i>Citrus reticulata</i> (Mandarin orange)	do	1			N.Y.
<i>Citrus sinensis</i> (orange)	Argentina, Brazil, unknown.	2	36		Fla., La., Md., Mass., N.Y., Pa., S.C., Tex.
<i>Elsinoe mangiferae</i> Bitanc. & Jenkins: <i>Mangifera indica</i> (mango)	Cuba, †Guatemala, Honduras, unknown.	8	1		N.Y.
<i>Elsinoe phaseoli</i> Jenkins: <i>Phaseolus lunatus</i> (civet bean)	Puerto Rico	1			Ill.
<i>Phaseolus lunatus macrocarpus</i> (lima bean)	do	2			Ill.
<i>Entyloma oryzae</i> Syd. & P. Syd.: <i>Oryza sativa</i> (rice)	Japan			5	Calif.*
<i>Erobasidium vaccinii</i> (Fekl.) Wor.: <i>Rhododendron indicum</i>	Belgium			1	N.Y.
<i>Fusarium oxysporum</i> Schlecht. f. <i>gladioli</i> (Massey) Syd. & Hans.: <i>Freestia</i> sp.	England			1	N.Y.
<i>Gladiolus</i> sp.	Mexico			1	Calif.
<i>Fusicoccum galeiulatum</i> (Tul.) Sacc.: <i>Fagus sylvatica</i> (European beech)	Netherlands			1	N.J.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
† <i>Geotrichum candidum</i> Lk.: <i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Ariz.
† <i>Gotholdsteineria goodeyi</i> (Loof & Oostenbrink) Andrassy:					
Soil with unknown plants	Ireland			1	Mass.
"Greasy spot": <i>Citrus reticulata</i> (Mandarin orange)	Mexico	1			Tex.
<i>Citrus sinensis</i> (orange)	do.	1			Tex.
† <i>Griphosphaeria corticola</i> (Fekl.) Hoehn.:					
<i>Rosa</i> sp.	Germany			1	N.Y.
<i>Guignardia traversi</i> (Cav.) Lind.:					
<i>Stanhopea</i> sp. (orchid)	Mexico			1	Tex.
<i>Gymnosporangium haraeum</i> Syd.:					
<i>Juniperus chinensis</i> (Chinese juniper)	Japan			3	Calif.*
† <i>Helicotylenchus erythrinae</i> (Zimmerman) Golden:					
Soil with garlic	Ireland			1	Mass.
Soil with unknown plants	Mexico			1	Tex.
† <i>Helicotylenchus multicinctus</i> (Cobb) Golden:					
Soil with roots of banana plants	Cuba			1	Fla.
<i>Helicotylenchus nannus</i> Steiner:					
Soil with begonia plants	Mexico			2	Ariz.
Soil with carnation plants	do.			1	Tex.
Soil with coleus plants	do.			1	Ariz.
Soil with herbaceous plant	do.			1	Tex.
Soil with mint plant	do.			1	Tex.
Soil with unknown plants	do.			3	Ariz., Tex.
Soil with unknown roots	Netherlands			1	Fla.
<i>Hendersonia opuntiae</i> Ell. & Ev.:					
<i>Pachycereus marginatus</i> (organpipe cactus)	Mexico			1	Ariz.
† <i>Hendersonia oryzae</i> Miyake:					
<i>Oryza sativa</i> (rice)	India	1			Calif.*
<i>Hendersonia piriformis</i> Otth.:					
<i>Fagus sylvatica</i> (European beech)	Netherlands			2	N.J.
<i>Heterodera avenae</i> Eidam:					
Soil	†Czechoslovakia	1			N.Y.
Soil with automobiles	England, Europe (country(?)), Germany.	4			Fla., Md., Wash.
Soil with carnation plants	Germany			1	N.Y.
Soil with cypress and juniper plants	England			1	N.J.
Soil with dahlia roots	do.			1	N.J.
Soil with garlic	Italy	2			N.Y.
Soil with onions	Spain	2			N.Y.
Soil with <i>Ornithogalum saundersiae</i>	Israel			1	N.Y.
Soil with potatoes	England		1		Tex.
Soil with primrose plant	do.			1	N.Y.
Soil with spruce seedlings	Germany			1	N.J.
Soil with unknown plants	Germany, Italy			2	N.Y.
<i>Heterodera cacti</i> Filip. & Schurr. Stek.:					
Soil	Mexico	3		1	Ariz., Tex.
Soil with acacia plant	do.			1	Ariz.
Soil with <i>Aloe gasterioides</i> plants	do.			1	Tex.
Soil with aloe plant	do.			1	Tex.
Soil with amaryllis bulbs	do.	1			Ariz.
Soil with avocado and begonia plants	do.			1	Tex.
Soil with begonia plants	do.			2	Tex.
Soil with begonia and portulaca cuttings	do.			1	Ariz.
Soil with bougainvillea plants	do.			2	Ariz., Tex.
Soil with bromeliad	do.			1	Tex.
Soil with <i>Bryophyllum</i> sp. plants	do.	1		1	Fla., Tex.
Soil with bulbs	do.			1	Tex.
Soil with cactus plants	England, Mexico, †Venezuela	1	1	43	Ala., N.Y., Pa., Tex.
Soil with cactus and ground-moss plants	Mexico				Tex.
Soil with cactus and succulent plants	do.			1	Tex.
Soil with caladium plants	Mexico, †Trinidad			3	Ariz., Va.
Soil with carnation plant	Mexico			1	Tex.
Soil with <i>Cereus</i> sp., portulaca, and spiderwort plants	do.			1	Tex.
Soil with coleus plants	do.			1	Ariz.
Soil with cuttings	do.			1	Tex.
Soil with empty trailer	do.		1		Tex.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Heterodera cacti</i> Filip. & Schurr. Stek.—Con.					
Soil with fern plants.....	Mexico.....	1		3	Ariz., Tex.
Soil with feverfew roots.....	do.....	1			Tex.
Soil with garlic.....	Argentina, Mexico.....	20			N.Y., Pa., Tex.
Soil with geranium plants.....	Mexico.....		1	2	Tex.
Soil with gladiolus corms.....	do.....			1	Tex.
Soil with herbaceous plants.....	do.....	1		1	Tex.
Soil with herbaceous and mint plants.....	do.....			1	Tex.
Soil with India rubber tree.....	do.....			1	Tex.
Soil with ivy plant.....	do.....			1	Tex.
Soil with leaf mold.....	do.....			1	Tex.
Soil with lilac plant.....	do.....			1	Tex.
Soil with mint plants.....	do.....	1		2	Ariz., Calif., Tex.
Soil with narcissus bulbs.....	Japan.....			1	N.Y.
Soil with orange lycoris bulbs.....	do.....			1	N.Y.
Soil with oxalis plants.....	Mexico.....	1			Tex.
Soil with palm plant.....	do.....			2	Ariz., Tex.
Soil with pampas grass plants.....	do.....			1	Tex.
Soil with pansy plants.....	do.....			1	Ariz.
Soil with passion vine plants.....	do.....			1	Ariz.
Soil with peperomia and sprenger asparagus plants.....	do.....			1	Tex.
Soil with petunia plant.....	do.....			1	Ariz.
Soil with poinsettia plants.....	do.....	1			Tex.
Soil with portulaca plants.....	do.....	1		4	Tex.
Soil with potatoes.....	do.....	1	8		Tex.
Soil with pothos (?) plant.....	do.....			1	Tex.
Soil with railway car.....	do.....		3		Tex.
Soil with rosa-de-montana plant.....	do.....			1	Tex.
Soil with rue plant.....	do.....			1	Tex.
Soil with <i>Sedum</i> sp. plant.....	do.....			1	Tex.
Soil with selaginella plants.....	do.....			1	Tex.
Soil with spearmint plants.....	do.....	1			Tex.
Soil with spiderwort plants.....	do.....			1	Ariz.
Soil with succulent plants.....	do.....			6	Tex.
Soil with taro plant.....	do.....			1	Tex.
Soil with tree stump.....	do.....	1			Tex.
Soil with tuberosc bulbs.....	do.....			2	Ariz., Tex.
Soil with unknown plants.....	do.....			34	Ariz., Tex.
Soil with wandering-jew plant.....	do.....	1			Tex.
Soil with yarrow plants.....	do.....			1	Tex.
<i>Heterodera humuli</i> Filip.:					
Soil with hop roots.....	England, †Germany.....			2	N.J.
<i>Heterodera punctata</i> Thorne:					
Soil with Araceae root.....	England.....			1	Fla.
Soil with automobiles.....	Belgium, England, Europe (country(?)), Germany.....	9			Fla., Mass., N.Y., Tex., Wash.
Soil with cypress and juniper plants.....	England.....			2	N.J.
Soil with dahlia roots and gladiolus corms.....	France.....			1	N.Y.
Soil with fuchsia, gardenia, and geranium roots.....	England.....			1	N.J.
Soil with gardenia plants.....	Germany.....			1	N.J.
Soil with grass sod.....	Unknown.....			1	N.Y.
Soil with leeks.....	Netherlands.....		1		Md.
Soil with potatoes.....	England, Mexico.....		4		N.Y., Tex.
Soil with primrose plant.....	England.....			1	N.Y.
Soil with rubber plants.....	Mexico.....			1	Tex.
Soil with sweetpotatoes.....	do.....	1			Ariz.
Soil with track shoes.....	Ireland.....	1			N.Y.
Soil with tuberous begonia.....	Mexico.....			2	Ariz.
Soil with unknown plants.....	Germany, Mexico.....			3	N.Y., Tex.
<i>Heterodera rostochiensis</i> Wr.:					
Soil with acacia plant.....	Mexico.....			1	Ariz.
Soil with agave plants.....	do.....			1	Tex.
Soil with automobiles.....	Germany.....	5			Ala., La., Tex., Wash.
Soil with beets.....	England, Germany.....		2		Tex., Wash.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued

Pest and host	County of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Heterodera rostochiensis</i> Wr.—Con.					
Soil with bromelia plants, lily bulbs, and mint plants.	Mexico	---	---	1	Tex.
Soil with cactus plant.	Scotland	---	---	1	Mass.
Soil with carnation and geranium plants.	Mexico	---	---	1	Tex.
Soil with carrot root.	Denmark	---	1	---	Tex.
Soil with cypress and juniper plants.	England	---	---	1	N.J.
Soil with dahlia roots.	England, Scotland	---	---	4	Ill., Mass., N.J.
Soil with fern plant.	Mexico	---	---	1	Ariz.
Soil with geranium plant.	do.	---	---	1	Tex.
Soil with grass sod.	British Isles	---	---	1	N.Y.
Soil with heather plant.	Scotland	---	---	1	N.J.
Soil with horseradish.	Germany	---	3	---	Md., Va.
Soil with lavender and mint plants.	England	---	---	1	N.Y.
Soil with lily bulbs.	Mexico	---	---	1	Tex.
Soil with parsnip root.	England	---	1	---	Tex.
Soil with potatoes.	Argentina, England, Ireland, †Malta, Peru, Sweden.	3	7	1	Calif., * Fla., Ill., La., Md., Mass., N.Y.
Soil with primrose plants.	Scotland	---	---	1	Mass.
Soil with shamrock plants.	Ireland	1	---	1	Calif., * N.Y.
Soil with strawberry plant.	Scotland	---	---	1	D.C.
Soil with unknown plants.	Ireland, Mexico	---	---	4	Mass., Tex.
Soil with zephyrilly plants.	Mexico	---	---	1	Tex.
<i>Heterosporium iridis</i> (Faut. & Roum.) Jacques:					
<i>Iris germanica</i> (German iris).	New Zealand	---	---	1	Calif.*
<i>Heterosporium ornithogali</i> (Klotzsch) Cke.:					
<i>Ornithogalum thyrsoides</i> (chinkerichee).	Union of South Africa	2	---	---	Ga., N.J.
<i>Lemboisia rolfsii</i> Horne:					
<i>Miltonia endresii</i> (orchid).	Costa Rica	---	---	1	Hawaii.
"Leprosis":					
<i>Citrus sinensis</i> (orange).	Mexico	3	---	---	Ariz., Tex.
† <i>Leptosphaeria eustomoides</i> Sacc.:					
<i>Triticum</i> sp.	Belgium, Japan	1	4	---	Calif.*
† <i>Leptosphaeria michotii</i> (West.) Sacc.:					
<i>Oryza sativa</i> (rice).	Japan	---	---	1	Calif.*
<i>Leptosphaeria oryzina</i> Sacc.:					
<i>Oryza sativa</i> (rice).	do.	4	19	---	Calif.*
<i>Leptosphaeria ruscii</i> (Wallr.) Sacc.:					
<i>Ruscus</i> sp.	Italy	10	5	---	Pa.
<i>Macrophoma araucariae</i> De Lac.:					
<i>Araucaria cunninghamii</i>	†New Guinea.	---	---	1	Calif.*
<i>Araucaria excelsa</i> (Norfolk-Island-pine).	Australia, Bermuda, Norfolk Island.	---	---	5	Calif.*
<i>Macrophoma cocos</i> Pass.:					
<i>Cocos nucifera</i> (coconut).	†American Samoa, †Guam, Hawaii, †Japan, Mexico.	11	---	1	Calif.*
<i>Macrophoma musae</i> (Cke.) Berl. & Vogl.:					
<i>Musa paradisiaca sapientum</i> (banana).	Hawaii, unknown	1	1	---	Calif.*
<i>Musa</i> sp.	Costa Rica	1	---	---	Calif.*
† <i>Melampsora paradoxa</i> Diet. & Holw.(?):					
<i>Salix</i> sp. (willow).	Mexico	1	---	---	Ariz.
<i>Meloidogyne arenaria</i> (Neal) Chitwood:					
<i>Begonia</i> sp.	Mexico, †New Guinea.	---	---	2	Calif., * Tex.
<i>Berberis thunbergii</i> (Japanese barberry).	Japan	---	---	1	Calif.*
Cactus.	Mexico	---	---	1	Tex.
<i>Caladium</i> 'Candidum'.	Guatemala	---	---	3	N.J.
<i>Caladium</i> sp.	Japan, Mexico	---	---	2	Calif., * Tex.
<i>Calathea</i> sp.	Mexico	---	---	1	Tex.
<i>Colocasia</i> sp.	do.	---	---	1	Tex.
<i>Dahlia</i> sp.	Japan	---	---	2	Calif.*
<i>Freesia</i> sp.	do.	---	---	1	N.Y.
<i>Gladiolus pandaeensis</i> .	do.	---	---	1	Calif.*
<i>Gladiolus</i> sp.	do.	---	---	15	Calif., * N.Y.
<i>Iris kaempferi</i> (Japanese iris).	do.	---	---	1	N.J.
<i>Maranta</i> sp.	Mexico	---	---	1	Tex.
<i>Solanum tuberosum</i> (potato).	Argentina.	---	1	---	Pa.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Meloidogyne arenaria</i> (Neal) Chitwood—Con.					
<i>Zantedeschia aethiopica</i> (calla lily)	Japan			1	N.J.
<i>Zingiber officinale</i> (ginger)	Canal Zone			1	Fla.
<i>Zingiber</i> sp.	Mexico			1	Tex.
<i>Meloidogyne hapla</i> Chitwood:					
<i>Apium graveolens</i> (celery)	England		2		Pa.
<i>Dahlia</i> sp.	Australia, Japan			3	Calif.*
<i>Geranium endressi</i>	England, Netherlands			2	N.J., N.Y.
<i>Oreocharis primuloides</i>	Canada			1	N.J.
<i>Paconia mlkosewitschii</i>	England			1	N.J.
<i>Paconia suffruticosa</i> (tree peony)	Japan			1	N.J.
<i>Pastinaca sativa</i> (parsnip)	Germany		1		Va.
<i>Rosa multiflora</i> (Japanese rose)	Netherlands			1	N.J.
Soil	Mexico	1			Ariz.
<i>Weigela hortensis</i> 'Manelys'	Netherlands			1	N.J.
<i>Meloidogyne incognita</i> (Kofoid & White) Chitwood:					
<i>Apium graveolens</i> (celery)	†Singapore		1		Mass.
<i>Beta vulgaris</i> (beet)	Mexico, West Africa	3	1		La., Tex.
<i>Brassica rapa</i> (turnip)	Mexico	2			Tex.
<i>Daucus carota</i> (carrot)	do.	2			Tex.
<i>Ipomoea batatas</i> (sweetpotato)	Peru		1		La.
<i>Kleinia cylindrica</i>	Union of South Africa			1	Calif.*
<i>Lactuca sativa</i> (lettuce)	French West Africa		1		Mass.
<i>Polianthes</i> sp.	Canal Zone			1	Tex.
Soil with portulaca plants	Mexico			1	Ariz.
<i>Solanum tuberosum</i> (potato)	Argentina, Bermuda, Italy, Peru	1	3		La., Mass.
<i>Meloidogyne incognita</i> (Kofoid & White) Chitwood(?):					
<i>Polianthes tuberosa</i> (tuberose)	Israel			1	N.Y.
<i>Meloidogyne incognita</i> (Kofoid & White) Chitwood <i>acrita</i> Chitwood:					
<i>Agapanthus</i> sp.	Japan			1	Hawaii.
<i>Aloe</i> sp.	Mexico			1	Tex.
<i>Apium graveolens</i> (celery)	†Colombia		1		Tex.
<i>Artocarpus</i> sp.	Cuba			1	Fla.
<i>Canna</i> sp.	Mexico			1	Tex.
<i>Cichorium</i> sp.	French West Africa		1		Mass.
<i>Echeveria gibbiflora metallica</i>	Brazil			1	D.C.
<i>Epimedium</i> spp.	†England			1	N.J.
<i>Gladiolus</i> sp.	Japan			3	Calif.*
<i>Iris kaempferi</i> (Japanese iris)	Japan			1	N.J.
<i>Jasminum nudiflorum</i>	do.			1	Calif.*
<i>Lactuca sativa</i> (lettuce)	French West Africa, †Trinidad		2		Mass.
<i>Lilium</i> sp. (lily)	Cuba			1	Fla.
<i>Monstera deliciosa</i>	Mexico			1	Tex.
<i>Ophiopogon japonica</i> (dwarf lilyturf)	Brazil			1	D.C.
<i>Rhapis</i> sp.	Mexico			1	Tex.
<i>Sansevieria laurentii</i>	do.			1	Tex.
Soil with <i>Anemopsis californica</i> (?) plant	do.			1	Ariz.
<i>Solanum tuberosum</i> (potato)	Brazil, †India		3		Pa.
Unknown plant	Brazil			1	D.C.
<i>Zantedeschia elliptica</i> (golden calla lily)	Japan			1	N.J.
<i>Meloidogyne javanica</i> (Treub.) Chitwood:					
<i>Aloe schelpii</i>	†Kenya			1	Calif.*
<i>Begonia</i> sp.	Mexico			1	Tex.
Cactus	do.			1	Tex.
<i>Cichorium</i> sp.	†French West Africa		1		Mass.
<i>Colocasia esculenta</i> (dasheen)	Cuba	1			Fla.
<i>Dahlia</i> sp.	Australia			1	Calif.*
<i>Daucus carota</i> (carrot)	†Fiji Islands		1		Md.
<i>Euphorbia polycantha</i>	Kenya			1	Calif.*
<i>Euphorbia</i> sp.	do.			1	Calif.*
<i>Freesia</i> sp.	Italy			1	N.J.
<i>Gerbera</i> sp.	Jamaica			1	Fla.
<i>Malphigia</i> sp.	†Puerto Rico			1	D.C.
<i>Phaseolus</i> sp.	Mexico	1			Calif.*
<i>Polianthes tuberosa</i> (tuberose)	†Israel			1	N.Y.
<i>Roscoeia</i> sp.	India			1	Calif.*

. See footnotes at end of table.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Meloidogyne javanica</i> (Treub.) Chitwood—Con.					
<i>Solanum tuberosum</i> (potato)	Brazil, Egypt		3		Pa.
<i>Tabebuia chrysotricha</i>	Brazil			1	D.C.
<i>Thomsonia nepalensis</i>	India			1	N.J.
<i>Viola</i> sp.	Hawaii			1	Calif.*
<i>Zantedeschia aethiopica</i> (calla lily)	France, Italy		7		N.J., Va.
<i>Memnoniella echinata</i> (Riv.) Gall:					
<i>Musa paradisiaca sapientum</i> (banana)	Honduras			1	N.J.
Palm	†French West Africa	1			Tex.
<i>Solanum tuberosum</i> (potato)	Belgium, England		2		Calif.*
<i>Zingiber officinale</i> (ginger)	China	1			Calif.*
<i>Micropeltis bakeri</i> (Syd.) Cash & Watson:					
<i>Oncidium</i> sp. (orchid)	Mexico			1	Tex.
Orchid	Surinam			1	P.R.
† <i>Microthyriella rubi</i> Petr.:					
<i>Rubus</i> sp.	France		3		Mass.
<i>Monilinia fructigena</i> (Aderh. & Ruhl.) Honey:					
<i>Malus sylvestris</i> (apple)	England, France, Spain		3		Pa.
<i>Monochaetia compta</i> (Sacc.) Allesch.:					
<i>Rosa multiflora japonica</i>	Netherlands			2	N.J.
<i>Mycosphaerella calliae</i> Cash & Watson:					
<i>Epidendrum</i> sp. (orchid)	Mexico			1	Tex.
<i>Mycosphaerella clintoniana</i> House:					
<i>Rhododendron</i> sp.	England			1	N.Y.
† <i>Mycosphaerella coffeicola</i> (Cke.) Stevenson & Wellman:					
<i>Coffea</i> sp.	Portugal			1	Mass.
<i>Mycosphaerella fragariae</i> (Tul.) Lindau:					
<i>Fragaria</i> sp. (strawberry)	Germany			1	D.C.
<i>Mycosphaerella opuntiae</i> Ell. & Ev.:					
<i>Astrophytum</i> spp.	Mexico			1	Tex.
Cactus	do			1	Tex.
<i>Mycosphaerella rosigena</i> (Ell. & Ev.) Lindau:					
<i>Rosa</i> sp.	Costa Rica			1	Fla.
† <i>Mycosphaerella rubi</i> Roark:					
<i>Rubus</i> sp.	France		1		Mass.
<i>Mycosphaerella schoenoprasii</i> (Rab.) Schroet.:					
<i>Allium cepa solanum</i>	Japan			1	Calif.*
<i>Allium fistulosum</i> (Welsh onion)	do			13	Pa.
<i>Allium porrum</i> (leek)	do			4	Calif.,* N.Y.
<i>Allium schoenoprasum</i>	do			1	Calif.*
† <i>Mycosphaerella serrulatae</i> (Ell. & Ev.) Dicl:					
Palm	Mexico	1			Mass.
† <i>Mycosphaerella vaccinii</i> (Cke.) Schroet.:					
<i>Vaccinium vitis-idaea</i>	Norway			1	N.Y.
<i>Myrothecium roridum</i> Fr.:					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Tex.
† <i>Mystrosporium adustum</i> Massee:					
<i>Iris</i> sp.	Japan			1	Pa.
† <i>Mystrosporium everhartii</i> Sacc. & Syd.:					
<i>Cornus alba</i> var.	Netherlands			1	N.J.
<i>Neofabraea malicorticis</i> Jacks:					
<i>Pyrus communis</i> (pear)	Mexico (?)		1		Ariz.
<i>Neovossia horrida</i> (Tak.) Padw. & A. Kahn:					
<i>Oryza sativa</i> (rice)	Japan		2		Calif.*
<i>Nigrospora sphaerica</i> (Sacc.) Mason:					
<i>Oryza sativa</i> (rice)	do	1			Calif.*
<i>Omphalia flarida</i> (Cke.) Maubl. & Rangel:					
<i>Gardenia augusta</i> (gardenia)	Mexico			3	Tex.
<i>Oospore pustulans</i> Owen and Wakef.:					
<i>Solanum tuberosum</i> (potato)	Netherlands	1			Ill.
<i>Ophiobolus oryzae</i> Sacc.:					
<i>Oryza sativa</i> (rice)	Japan		1		Calif.*
<i>Ophiobolus versisporus</i> Ell. & G. Martin:					
<i>Cocos nucifera</i> (coconut)	Bahamas	1			Tex.
<i>Popularia sphaerosperma</i> (Lk.) Hoehn.:					
Bamboo	Hong Kong, Mexico	1		1	Ariz., Wash.
<i>Lavoisiera</i> sp.	Brazil			1	D.C.
<i>Populiaspora coprophila</i> Hotson:					
<i>Gladiolus</i> sp.	Japan			5	Calif.*

See footnotes at end of table.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
† <i>Pirulasporea dodgei</i> Conners:					
<i>Acidanthera</i> sp.	Netherlands			1	N.J.
<i>Pirulasporea parasitica</i> (Eidam.) Harz.:					
<i>Allium porrum</i> (leek)	Japan		1		Calif.*
‡ <i>Parodiella congregata</i> Syd.:					
<i>Agave shawii</i>	Mexico	1			Calif.
<i>Periconia pycnospora</i> Fr.:					
Orchid.	do			1	Ariz.
<i>Pestalotia conspicua</i> Servazzi:					
<i>Angræcum falcatum</i>	†Japan			1	Calif.*
<i>Cymbidium simonsianum</i> (orchid)	do			1	Calif.*
<i>Dendrobium bracteosum</i> (orchid)	New Guinea			1	Hawaii
<i>Oncidium wentworthianum</i> (orchid)	Mexico			1	Tex.
Orchid.	British Honduras			1	Fla.
† <i>Pestalotia disseminata</i> Thuem.:					
<i>Terminalia catappa</i> (tropical almond)	Cuba	1			La.
<i>Pestalotia funerea</i> Desm.:					
<i>Pinus</i> sp. (pine)	England			1	D.C.
<i>Pestalotia macrotricha</i> Kleb.:					
<i>Rhododendron</i> sp.	Netherlands			2	N.Y.
† <i>Pestalotia micheneri</i> Guba:					
<i>Araucaria cunninghamii</i>	New Guinea			1	Calif.*
<i>Araucaria excelsa</i> (Norfolk-Island-pine)	Hawaii			1	Calif.*
<i>Pestalotia psidii</i> Pat.:					
<i>Psidium guajava</i> (guava)	Mexico	3			Tex.
<i>Pestalotia rhododendri</i> (D. Sacc.) Guba:					
<i>Rhododendron</i> sp.	Netherlands			4	N.J., N.Y.
<i>Phoma araucarie</i> Trav.:					
<i>Araucaria excelsa</i> (Norfolk-Island-pine)	Australia			1	Calif.*
<i>Phoma citricarpa</i> McAlp.:					
<i>Citrus aurantifolia</i> (sour lime)	Union of South Africa		1		Tex.
<i>Citrus aurantium</i> (sour orange)	†Federation of Malaya, Japan.		2		Calif.*
<i>Citrus limon</i> (lemon)	Africa (country(?)), Australia, Brazil, Union of South Africa, unknown.	1	19		Ala., Calif.,* Hawaii, Md., Mass., N.Y., Pa., Tex.
<i>Citrus paradisi</i> (grapefruit)	Union of South Africa		1		N.Y.
<i>Citrus reticulata</i> (Mandarin orange)	Australia(?), China, Federation of Malaya, Formosa, Hong Kong, Japan, Philippines, Singapore, Thailand, unknown.	39	15		Calif.,* Hawaii, Mass., N.Y., Wash.
<i>Citrus reticulata unshiu</i> (Satsuma orange)	China	1			Wash.
<i>Citrus sinensis</i> (orange)	Australia, China, Formosa, Hong Kong, Japan, Union of South Africa, unknown.	25	34		Calif.,* Hawaii, Mass., Minn., N.J., N.Y., Pa., Tex., Va.
<i>Citrus</i> sp.	China, Hong Kong, Japan(?), Philippines, unknown.	28			D.C., Hawaii, Mass., N.Y., Tex., Wash.
<i>Phoma insidiosa</i> Tassi:					
<i>Sorghum</i> spp.	India			1	N.J.
<i>Phoma lingam</i> (Fr.) Desm.:					
<i>Brassica oleracea capitata</i> (cabbage)	Netherlands		1		S.C.
<i>Phoma psidii</i> P. Henn.:					
<i>Psidium guajava</i> (guava)	Mexico	2			Tex.
† <i>Phomopsis quercella</i> (Sacc. & Roum.) Died.:					
<i>Quercus garryana</i> (Oregon white oak)	Canada			1	N.Y.
<i>Phyllachora engleri</i> Speg.:					
<i>Anthurium</i> sp.	Costa Rica			1	Fla.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Phyllachora graminis</i> (Fr.) Fekl.:					
<i>Oryza sativa</i> (rice).....	India.....	1			Ill.
<i>Triticum</i> sp.....	Japan.....		1		Calif.*
<i>Phyllosticta aucubicola</i> Sacc.:					
<i>Aucuba japonica</i> 'Croton'.....	Belgium.....			1	N.J.
† <i>Phyllosticta chrysanthemi</i> Ell. & Dearn.:					
<i>Chrysanthemum</i> sp.....	Mexico.....	1			Ariz.
† <i>Phyllosticta mortoni</i> Fairm.:					
<i>Mangifera indica</i> (mango).....	Dominican Republic.....			1	Fla.
† <i>Phyllosticta palmicola</i> Cke.:					
Palm.....	Mexico.....			1	Ariz.
<i>Phyllostictina pyriformis</i> Cash & Watson:					
<i>Cypripedium insignne</i>	India.....			1	N.J.
<i>Jacquinella major</i>	Canal Zone.....			1	Fla.
Orchid.....	Trinidad.....			1	P.R.
<i>Stanhopea</i> sp.....	Mexico.....			1	Tex.
† <i>Physalospora camptospora</i> Sacc.:					
<i>Earina mucronata</i>	New Zealand.....			1	Calif.*
† <i>Physalospora obtusa</i> (Schw.) Cke.:					
<i>Vitis</i> sp., probably <i>vinifera</i>	Greece.....			1	N.Y.
† <i>Physalospora willemanniana</i> Sacc.:					
<i>Cymbidium simonsianum</i> (orchid).....	Japan.....			1	Calif.*
<i>Phytophthora capsici</i> Leon.:					
<i>Benincasa hispida</i> (zit-kwa).....	Mexico.....	1			Ariz.
<i>Cucurbita pepo</i> (squash).....	do.....	1			Ariz.
† <i>Plowrightia virgultorum</i> (Fr.) Sacc.:					
<i>Atnus</i> (?) sp.....	Norway.....			1	N.J.
<i>Pratylenchus penetrans</i> (Cobb) Sher & Allen:					
<i>Convallaria majalis</i> (lily-of-the-valley).....	†Japan.....			1	Calif.*
<i>Helleborus</i> sp.....	Netherlands.....			1	N.Y.
<i>Pratylenchus pratensis</i> (de Man) Filip.(?):					
<i>Astilbe</i> sp.....	do.....			1	N.J.
<i>Pseudomicrocera henningsii</i> (Koord.) Petch:					
Scale insect on plant material.....	British Guiana, Mexico.....	2			Fla., Tex.
<i>Pseudomonas tonelliana</i> (Ferr.) Burk.:					
<i>Nerium oleander</i> (oleander).....	Mexico.....			1	Tex.
† <i>Pseudomonas viburni</i> (Thornberry & H. W. Anderson) Stapp.:					
<i>Viburnum plicatum</i>	Scotland.....			1	D.C.
† <i>Psilenchus hilarulus</i> de Man:					
<i>Bougainvillea</i> sp.....	Mexico.....			1	Tex.
<i>Hibiscus</i> sp.....	do.....			1	Tex.
Soil with cactus plant.....	do.....			1	Tex.
Soil with coleus plant.....	do.....			1	Ariz.
Soil with fern plants.....	do.....			1	Ariz.
Soil with herbaceous plants.....	do.....	1			Tex.
<i>Puccinia angustata</i> Pk.:					
<i>Scirpus</i> sp. (bulrush).....	Unknown.....	1			N.Y.
<i>Puccinia arenariae</i> (Schum.) Wint.:					
<i>Dianthus barbatus</i> (sweet-william).....	England, †Sweden.....	2			Mass., N.Y.
<i>Puccinia buri</i> DC.:					
<i>Buzus sempervirens</i> (box).....	Italy.....			1	N.Y.
<i>Puccinia chloridis</i> Speg.:					
<i>Bouteloua</i> sp.....	Mexico.....	1		1	Ariz.
<i>Puccinia chrysanthemi</i> Roze:					
<i>Chrysanthemum</i> sp.....	Japan.....			1	Hawaii.
<i>Puccinia cynodontis</i> Desm.:					
<i>Cynodon dactylon</i> (Bermuda grass).....	Mexico.....	1			Tex.
<i>Puccinia horiana</i> P. Henn.:					
<i>Chrysanthemum</i> sp.....	Japan.....	12	8		Hawaii, Wash.
<i>Puccinia ornithogali-thyrsoides</i> Diet.:					
<i>Ornithogalum thyrsoides</i> (chinkerichee).....	Union of South Africa.....	5			Ill., Mass., Mich., N.J., N.Y.
<i>Puccinia phyllostachydis</i> Kus.:					
Bamboo.....	Japan.....	1			Hawaii.
<i>Puccinia striiformis</i> West.:					
<i>Hordeum vulgare</i> (barley).....	India.....			1	D.C.
Straw—cereal.....	Azores.....	1			Mass.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
† <i>Puccinia thaliae</i> Diet.:					
<i>Canna</i> sp.-----	Panama-----			2	Fla.
<i>Puccinia urbaniana</i> P. Henn.:					
<i>Stachytarpheta jamaicensis</i> -----	Puerto Rico-----	1			Ill.
† <i>Pyrenochaeta berberidis</i> (Sacc.) Brun.:					
<i>Mahonia bealei</i> (leatherleaf hollygrape)-----	England-----			1	N.J.
<i>Pythium aphanidermatum</i> (Edson) Fitz.:					
<i>Cucurbita pepo</i> (squash)-----	Mexico-----	1			Ariz.
<i>Phaseolus vulgaris</i> var. (string bean)-----	do-----	3			Ariz.
† <i>Pythium ultimum</i> Trow.:					
<i>Phaseolus vulgaris</i> var. (string bean)-----	do-----	1			Ariz.
† <i>Ravenelia mesillana</i> Ell. & Barth.:					
<i>Cassia bauhinioides</i> -----	do-----			1	Tex.
Ring spot virus:					
<i>Citrullus vulgaris</i> (watermelon)-----	do-----	4			Ariz.
† <i>Scirrhia lophodermioides</i> Ell. & Ev.:					
<i>Saccharum officinarum</i> (sugarcane)-----	do-----	1			Ariz.
<i>Sclerotopsis testudinea</i> Dearn.:					
<i>Paonia suffruticosa</i> (tree peony)-----	Japan-----			9	Calif.*
<i>Sclerotium cepivorum</i> Berk.:					
<i>Allium sativum</i> (garlic)-----	Italy-----	1			N.Y.
<i>Scopulariopsis brevicaulis</i> (Sacc.) Bain. var. <i>glabra</i> Thom:					
<i>Agave</i> sp.-----	Mexico-----			1	Ariz.
<i>Scutellonema brachyurum</i> (Steiner) Andrassay:					
Soil with begonia-----	do-----			1	Tex.
Soil with coleus plant-----	do-----			1	Ariz.
Soil with unknown plants-----	†Greece-----			1	Mass.
<i>Scutellonema bradys</i> (Steiner & LeHew) Andrassay:					
<i>Dioscorea</i> sp. (yam)-----	Africa (country(?))-----	1			N.Y.
† <i>Scutellonema christiei</i> (Golden & Taylor) Andrassay:					
Soil with caladium plants-----	Trinidad-----			1	Va.
Soil with palm-----	do-----			3	Va.
Soil with unknown plant-----	do-----			1	Va.
<i>Septonema intercalare</i> Cash & Watson:					
<i>Brassavola nodosa</i> (orchid)-----	Mexico-----			1	Tex.
<i>Oncidium hastatum</i> (orchid)-----	do-----			1	Tex.
Orchid-----	do-----			1	Ariz.
<i>Septoria avenae</i> Frank:					
<i>Avena</i> sp.-----	Belgium-----	1			Calif.*
<i>Septoria azaleae</i> Vogl.:					
<i>Rhododendron vuykianum</i> -----	Netherlands-----			1	N.J.
<i>Rhododendron</i> sp.-----	do-----			1	N.Y.
<i>Septoria chrysanthemi</i> Allesch.:					
<i>Chrysanthemum</i> sp.-----	England, Japan-----		1	1	N.J., Wash.
<i>Septoria citri</i> Pass.:					
<i>Citrus aurantium</i> (sour orange)-----	Italy-----		1		Calif.*
<i>Citrus limon</i> (lemon)-----	Italy, Spain, unknown-----	1	5		Calif.,* N.Y.
<i>Citrus sinensis</i> (orange)-----	Italy, Japan, Mexico, Spain-----	1	4		Calif.,* La., Tex.
<i>Septoria citri</i> Pass.(?):					
<i>Citrus sinensis</i> (orange)-----	Singapore-----		1		Hawaii.
<i>Septoria depressa</i> McAlp.:					
<i>Citrus sinensis</i> (orange)-----	Australia-----		1		Pa.
† <i>Septoria limonum</i> Pass.:					
<i>Citrus limon</i> (lemon)-----	Greece-----		1		Tex.
<i>Septoria oryzae</i> Catt.:					
<i>Oryza sativa</i> (rice)-----	Japan-----		4		Calif.*
† <i>Septoria piricola</i> Desm.:					
<i>Pyrus</i> sp.-----	Spain-----		1		Pa.
<i>Septoria selenophomoides</i> Cash & Watson:					
<i>Brassia verrucosa</i> (orchid)-----	Guatemala-----			1	Calif.*
<i>Catleya</i> sp. (orchid)-----	Mexico-----			1	Calif.*
<i>Dendrobium</i> 'Renown' (orchid)-----	England-----			1	Wash.
<i>Odontoglossum citrosimum</i> (orchid)-----	Mexico-----			1	Tex.
<i>Odontoglossum</i> sp.-----	do-----			1	Tex.
<i>Oncidium</i> sp. (orchid)-----	do-----			1	Tex.
Orchid-----	†Union of South Africa-----			1	N.Y.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Septoria unedonis</i> Rob. & Desm.:					
<i>Arbutus unedo</i>	Greece.....			1	Mass.
<i>Sphaceloma fawcettii</i> Bitanc. & Jenkins var.					
<i>scabiosa</i> (McAlp. & Tryon) Jenkins:					
<i>Citrus limon</i> (lemon).....	Australia, New Zealand.....		8		Hawaii, Pa.
<i>Sphaceloma punicae</i> Bitanc. & Jenkins:					
<i>Punica granatum</i> (pomegranate).....	Mexico.....	4			Ariz., Tex.
† <i>Sphaceloma rosarum</i> (Pass.) Jenkins:					
<i>Rosa</i> sp.....	do.....		1		Tex.
<i>Sphaerostilbe aurantiicola</i> (Berk. & Br.) Petch(?):					
Scale in section plant material.....	Japan.....			1	Hawaii.
† <i>Sphaerotheca pannosa</i> (Wallr.) Lev. var. <i>rosae</i> Woron.:					
<i>Rosa</i> sp.....	Germany.....	1			Mass.
<i>Sphenospora kevorkianii</i> Linder:					
<i>Epidendrum</i> sp. (orchid).....	Cuba.....			2	Fla.
<i>Huntleya</i> sp. (orchid).....	†Costa Rica.....			1	Fla.
<i>Oncidium</i> sp. (orchid).....	†Jamaica.....			2	Hawaii.
Orchid.....	†Dominican Republic.....			2	Fla.
<i>Sphenospora mera</i> Cummins (?):					
<i>Mormodes</i> sp. (orchid).....	Mexico.....			1	Tex.
<i>Stagonospora macrospora</i> (Dur. & Mont.) Sacc.:					
<i>Agave victoriae-reginae</i>	do.....			1	Tex.
<i>Agave</i> sp.....	do.....	1			Ariz.
† <i>Stemphylium botryosum</i> Wallr.:					
<i>Schizostylis</i> sp.....	England.....			1	D.C.
<i>Stilbum incarnatum</i> Wakk.:					
<i>Eleocharis dulcis</i> (waternut).....	China.....	4			Calif.*
† <i>Tilletia contraversa</i> Kuehn:					
<i>Secale cereale</i> (rye).....	Afghanistan.....			1	D.C.
†Tobacco ring spot virus (?):					
<i>Citrullus vulgaris</i> (watermelon).....	Mexico.....	5			Ariz.
† <i>Tranzschelia pruni-spinosae</i> (Pers.) Diet.:					
<i>Prunus persica</i> (peach).....	Japan.....			1	Hawaii.
<i>Trematosphaerella oryzae</i> (Miyake) Padwick:					
<i>Oryza sativa</i> (rice).....	do.....		2		Calif.*
<i>Tritirachium dependens</i> Limber:					
<i>Zingiber officinale</i> (ginger).....	China.....	1			Calif.*
† <i>Tylenchorhynchus acutus</i> M. W. Allen:					
Soil with coleus plant.....	Mexico.....			1	Ariz.
Soil with unknown plants.....	Cuba.....			1	Fla.
<i>Tylenchorhynchus capitatus</i> M. W. Allen:					
Soil with succulent plants.....	Mexico.....			1	Ariz.
Soil with unknown plants.....	do.....			2	Tex.
† <i>Tylenchorhynchus martini</i> Fielding:					
Soil with boraginaceous plants.....	do.....			1	Ariz.
Soil with India rubber tree plant.....	do.....			1	Tex.
† <i>Tylenchulus semipenetrans</i> Cobb:					
<i>Citrus</i> sp.....	Italy.....			1	N.Y.
† <i>Tylenchus darainei</i> Bastian:					
Soil and moss.....	Germany.....	1			Mass.
† <i>Tylenchus polyhyppus</i> Steiner & Albin:					
<i>Bougainvillea</i> sp.....	Mexico.....			1	Tex.
<i>Hibiscus</i> sp.....	do.....			1	Tex.
<i>Uredo anthurii</i> (Har.) Sacc.:					
<i>Anthurium</i> sp.....	Colombia.....			1	Fla.
<i>Uredo behnickiana</i> P. Henn.:					
<i>Epidendrum brassavolae</i> (orchid).....	Costa Rica.....			1	Fla.
<i>Epidendrum fragrans</i>	Mexico.....			1	Tex.
<i>Epidendrum mariae</i>	do.....			3	Tex.
<i>Epidendrum variegatum</i>	Brazil.....			1	Fla.
<i>Huntleya</i> sp. (orchid).....	Panama.....			1	Fla.
<i>Laelia anceps</i> (orchid).....	Mexico.....			4	Tex.
<i>Oncidium forbesii</i> (orchid).....	Brazil.....			1	Calif.*
<i>Oncidium marshallianum</i>	do.....			1	Calif.*
<i>Oncidium varicosum rogersii</i>	do.....			2	Calif.*
<i>Oncidium</i> sp.....	do.....			1	Calif.*
<i>Schomburgkia undulata</i> (orchid).....	Costa Rica.....			1	Fla.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Uredo epidendri</i> P. Henn.:					
<i>Epidendrum bilamellatum</i> (orchid)	Canal Zone			1	Fla.
<i>Epidendrum cinnabarinum</i>	Brazil			1	Fla.
<i>Epidendrum mirabile</i>	Costa Rica			1	Fla.
<i>Epidendrum myrianthum</i>	do			1	Fla.
<i>Epidendrum radicans</i>	Brazil			1	Fla.
<i>Epidendrum</i> sp.	Bahamas			1	Fla.
<i>Oncidium</i> sp. (orchid)	Honduras			1	Fla.
Orchid	†Nicaragua			1	Calif.*
<i>Trigonidium seemannii</i> (orchid)	Canal Zone			1	Fla.
<i>Uredo guacae</i> Mayor:					
<i>Epidendrum cinnabarinum</i> (orchid)	Brazil			1	Fla.
<i>Epidendrum mirabile</i>	Costa Rica			1	Calif.*
<i>Epidendrum polychlamys</i>	do			1	Calif.*
<i>Epidendrum verrucosum</i>	Jamaica			1	Fla.
<i>Huntleya</i> sp. (?) (orchid)	Costa Rica			1	Fla.
<i>Ionopsis</i> sp.	Jamaica			1	Fla.
<i>Stanhopea</i> sp. (orchid)	Costa Rica			1	Tex.
<i>Trigonidium egertonianum</i> (orchid)	British Honduras			1	Fla.
<i>Zygopetalum burtii</i> (orchid)	Costa Rica			1	Fla.
<i>Uredo nigropuncta</i> P. Henn.:					
<i>Epidendrum</i> sp. (orchid)	Cuba			1	Fla.
<i>Scaphyglottis</i> sp. (orchid)	Canal Zone			1	Fla.
<i>Stanhopea</i> sp. (orchid)	Costa Rica			1	Fla.
<i>Uredo oncidii</i> P. Henn.:					
<i>Oncidium bicallosum</i> (orchid)	Guatemala			1	Fla.
<i>Oncidium cavendishianum</i>	Mexico			2	Tex.
<i>Oncidium cebolleta</i>	Costa Rica, Mexico			2	Fla., Tex.
<i>Oncidium echinatum</i>	Brazil			1	Fla.
<i>Oncidium stramineum</i>	Mexico			1	Fla.
<i>Oncidium</i> sp.	British Honduras, El Salvador, Guatemala, Mexico.			4	Fla., Tex.
<i>Uredo oncidii</i> P. Henn. (?):					
<i>Odontoglossum bicktoniense</i> (orchid)	Mexico			1	N.J.
<i>Uredo scabies</i> Cke.:					
<i>Vanilla</i> sp. (orchid)	Panama			1	Fla.
† <i>Urocystis anemones</i> (Pers.) Schroet.:					
<i>Trollius</i> sp.	England			1	N.J.
<i>Urocystis gladiolicola</i> Ains.:					
<i>Gladiolus nanus</i> 'Peach Blossom' & 'Blushing Bride'.	Netherlands			1	N.J.
<i>Uromyces alyziae</i> Arth.:					
<i>Alyzia olivaeformis</i> (malle)	Hawaii	3			Hawaii.
† <i>Uromyces commelinae</i> Cke.:					
<i>Geogenanthus</i> sp.	Colombia			1	Fla.
<i>Uromyces coronatus</i> Yosh. (?):					
<i>Zizania aquatica</i>	China			1	N.J.
† <i>Uromyces limonii</i> (DC.) Lev.:					
<i>Armeria</i> sp. (statice)	Denmark, Germany	1		1	Pa.
<i>Uromyces lineolatus</i> (Desm.) Schroet.:					
<i>Scirpus maritimus</i>	†Portugal	1			Pa.
<i>Scirpus validus</i> (softstem bulrush)	Bermuda	1			N.Y.
† <i>Uromyces phaseoli</i> (Reb.) Wint.:					
<i>Phaseolus vulgaris</i> var. (string bean)	Spain		1		Pa.
<i>Ustilago bullata</i> Berk.:					
<i>Bromus macrostachys</i>	Turkey			1	D.C.
<i>Ustilago nuda</i> (Jens.) Rostr.:					
<i>Hordeum vulgare</i> (barley)	Ethiopia	1			D.C.
<i>Valsella pedicellata</i> Cash & Watson:					
<i>Laelia anceps</i> (orchid)	Mexico			1	Tex.
† <i>Venturia rhododendri</i> Tengwall (?):					
<i>Rhododendron</i> sp.	Netherlands			1	N.J.
<i>Volutella albo-pila</i> Boud.:					
Orchid	Central America (country(?)).	1			Tex.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1957, Through June 30, 1958—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Xanthomonas citri</i> (Hasse) Dowson:					
<i>Citrus aurantifolia</i> (lime).....	India.....	1	---	---	Va.
<i>Citrus aurantifolia</i> (sour lime).....	China, India, Japan.....	1	3	---	Calif.,* N.Y.
<i>Citrus aurantium</i> (sour orange).....	Japan.....	---	22	---	Calif.,* Md., Mass., Pa.
<i>Citrus grandis</i> (pummelo).....	Federation of Malaya, India, Japan.	---	3	---	Calif.,* Mass., Pa.
<i>Citrus limon</i> (lemon).....	Japan.....	---	5	---	Calif.*
<i>Citrus paradisi</i> (grapefruit).....	do.....	---	4	---	Calif.,* Tex.
<i>Citrus paradisi</i> (?).....	†Pakistan.....	1	---	---	N.Y.
<i>Citrus reticulata</i> (Mandarin orange).....	China, Hong Kong, Japan.....	4	5	---	Calif.,* Hawaii, Mass., Pa.
<i>Citrus sinensis</i> (orange).....	Hong Kong, Japan, Singapore.	1	25	---	Ala., Calif.,* Hawaii, Md., Wash.
<i>Citrus</i> sp.....	Hong Kong.....	1	---	---	Mass.
<i>Xanthomonas citri</i> (Hasse) Dowson(?):					
<i>Citrus limon</i> (lemon).....	Japan.....	---	1	---	Hawaii.
<i>Citrus paradisi</i> (grapefruit).....	do.....	---	1	---	Hawaii.
<i>Citrus sinensis</i>	do.....	---	1	---	Hawaii.
<i>Xanthomonas</i> sp. (Cancrosis B):					
<i>Citrus limon</i> (lemon).....	Argentina.....	---	3	---	Calif.,* Md., Mass.
<i>Citrus paradisi</i> (grapefruit).....	do.....	---	1	---	Mass.
† <i>Xiphinema diversicaudatum</i> (Micoletzky) Thorne:					
Soil with olive trees.....	Italy.....	---	1	---	D.C.
"Yellow spot" virus:					
<i>Camellia</i> sp.....	Netherlands.....	---	1	---	N.Y.

An asterisk (*) indicates State inspection.

A dagger (†) indicates a first interception from the country named.

A double dagger (‡) indicates first record of its interception by Division inspectors.

Host and Diseases

ACIDANTHERA:

†*Papulaspora dodgei* (Deuteromycetes)

AGAPANTHUS:

Meloidogyne incognita acrita (Nematoda)

AGAVE:

†*Allantonectria millina* (Ascomycetes)

†*Coniothecium agaves* (Deuteromycetes)

†*Parodiella congregata* (Ascomycetes)

†*Scopulariopsis brevicaulis* var. *glabra* (Deuteromycetes)

Stagonospora macrospora (Deuteromycetes)

ALLIUM CEPA SOLANIUM:

Mycosphaerella schoenoprasii (Ascomycetes)

ALLIUM FISTULOSUM:

Mycosphaerella schoenoprasii (Ascomycetes)

ALLIUM PORRUM:

†*Colletotrichum dematium* f. *circinans* (Deuteromycetes)

Mycosphaerella schoenoprasii (Ascomycetes)

Papulaspora parasitica (Deuteromycetes)

ALLIUM SATIVUM:

Ditylenchus dipsaci (Nematoda)

Sclerotium cepivorum (Deuteromycetes)

ALLIUM SCHOENOPRASUM:

Mycosphaerella schoenoprasii (Ascomycetes)

ALNUS(?):

†*Plowrightia virgultorum* (Ascomycetes)

ALOE:

Meloidogyne incognita acrita (Nematoda)

†*Meloidogyne javanica* (Nematoda)

ALYXIA:

Uromyces alyziae (Promycetes)

ANGRAECUM:

†*Pestalotia conspicua* (Deuteromycetes)

ANTHURIUM:

Phyllachora engleri (Ascomycetes)

Uredo anthurii (Promycetes)

APIUM:

Meloidogyne hapla (Nematoda)

†*Meloidogyne incognita* (Nematoda)

†*Meloidogyne incognita acrita* (Nematoda)

ARAUCARIA:

Botryosphaeria berengeriana var. *araucariae* (Ascomycetes)

Cryptospora longispora (Ascomycetes)

†*Macrophoma araucariae* (Deuteromycetes)

†*Pestalotia micheneri* (Deuteromycetes)

Phoma araucariae (Deuteromycetes)

ARBUTUS:

Septoria unedonis (Deuteromycetes)

ARECA:

†*Curvularia gemiculata* (Deuteromycetes)

ARMERIA:

†*Cercospora insulana* (Deuteromycetes)

†*Uromyces limonii* (Promycetes)

ARTOCARPUS:

Meloidogyne incognita acrita (Nematoda)

ARUNDINARIA:

†*Colletotrichum graminicola* (Deuteromycetes)

ASTILBE:

†*Chalaropsis thielaviopsis* (Deuteromycetes)

†*Pratylenchus pratensis* (?) (Nematoda)

ASTROPHYTUM:

Mycosphaerella opuntiae (Ascomycetes)

AUCUBA:

Phyllosticta aucubicola (Deuteromycetes)

AVENA:

Septoria avenae (Deuteromycetes)

BAMBOO:

Papularia sphaerosperma (Deuteromycetes)

Puccinia phyllostachydis (Promycetes)

BEGONIA:

†*Meloidogyne arenaria* (Nematoda)

Meloidogyne javanica (Nematoda)

BENINCASA:

Phytophthora capsici (Phycomycetes)

BERBERIS:

Meloidogyne arenaria (Nematoda)

BERGENIA:

Discohainesia oenotherae (Ascomycetes)

BETA:

Meloidogyne incognita (Nematoda)

BLETILLA:

†*Aphelenchoides fragariae* (?) (Nematoda)

BOUGAINVILLEA:

†*Psilenchus hilarulus* (Nematoda)

†*Tylenchus polyhyppnus* (Nematoda)

BOUTELOUA:

Puccinia chloridis (Promycetes)

BRACHYPODIUM:

Colletotrichum graminicola (Deuteromycetes)

BRASSAVOLA:

Septonema intercalare (Deuteromycetes)

BRASSIA:

Septoria selenophomoides (Deuteromycetes)

BRASSICA OLERACEA CAPITATA:

Phoma lingam (Deuteromycetes)

BRASSICA RAPA:

Meloidogyne incognita (Nematoda)

BROMUS:

Ustilago bullata (Promycetes)

BUXUS:

Puccinia buxi (Promycetes)

CACTUS:

†*Coniothyrium globuliforme* (Deuteromycetes)

Meloidogyne arenaria (Nematoda)

Meloidogyne javanica (Nematoda)

Mycosphaerella opuntiae (Ascomycetes)

CALADIUM:

Meloidogyne arenaria (Nematoda)

CALATHEA:

Meloidogyne arenaria (Nematoda)

CALLISTEPHUS:

†*Coleosporium asterum* (Promycetes)

CAMELLIA:

"Yellow spot" virus

CANNA:

Meloidogyne incognita acrita (Nematoda)

†*Puccinia thaliae* (Promycetes)

CAPSICUM:

Colletotrichum dematium (Deuteromycetes)

Curvularia lunata (Deuteromycetes)

CARICA:

Asperisporium caricae (Deuteromycetes)

See footnotes at end of this list.

Host and Diseases—Continued

CASSIA:

†*Ravenelia mesilana* (Promycetes)

CATTLEA:

Cladosporium orchidearum (Deuteromycetes)
Septoria selenophomoides (Deuteromycetes)

CHAMAEDOREA:

†*Botryosphaeria palmigena* (Ascomycetes)

CHRYSANTHEMUM:

†*Phyllosticta chrysanthemi* (Deuteromycetes)
Puccinia chrysanthemi (Promycetes)
Puccinia horiana (Promycetes)
Septoria chrysanthemi (Deuteromycetes)

CICHORIUM:

Meloidogyne incognita acrita (Nematoda)
†*Meloidogyne javanica* (Nematoda)

CITRULLUS:

Ring spot virus
†Tobacco ring spot virus(?)

CITRUS AURANTIFOLIA:

Elsinoe australis (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Xanthomonas citri (Schizomycetes)

CITRUS AURANTIUM:

†*Phoma citricarpa* (Deuteromycetes)
Septoria citri (Deuteromycetes)
Xanthomonas citri (Schizomycetes)

CITRUS GRANDIS:

Xanthomonas citri (Schizomycetes)

CITRUS LIMON:

Alternaria citri (Deuteromycetes)
Coniothecium scabrum (Deuteromycetes)
Elsinoe australis (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Septoria citri (Deuteromycetes)
†*Septoria limonium* (Deuteromycetes)
Sphaceloma fawcettii var. *scabiosa* (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
Xanthomonas sp. (Cancerosis B) (Schizomycetes)

CITRUS PARADISI:

Elsinoe australis (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
†*Xanthomonas citri* (Schizomycetes)
Xanthomonas sp. (Cancerosis B) (Schizomycetes)

CITRUS RETICULATA:

Elsinoe australis (Ascomycetes)
"Greasy spot"
Phoma citricarpa (Deuteromycetes)
Xanthomonas citri (Schizomycetes)

CITRUS RETICULATA UNSHIU:

Phoma citricarpa (Deuteromycetes)

CITRUS SINENSIS:

Elsinoe australis (Ascomycetes)
"Greasy spot"
"Leprosis"
Phoma citricarpa (Deuteromycetes)
Septoria citri (Deuteromycetes)
Septoria depressa (Deuteromycetes)
Xanthomonas citri (Schizomycetes)

CITRUS SP.:

Phoma citricarpa (Deuteromycetes)
†*Tylenchulus semipenetrans* (Nematoda)
Xanthomonas citri (Schizomycetes)

COCOS:

†*Diaporthe arctii* (Ascomycetes)
†*Diplodia coccocarpa* (Deuteromycetes)
†*Macrophoma cocos* (Deuteromycetes)
Ophiobolus versisporus (Ascomycetes)

COFFEA:

†*Cercospora coffeicola* (Deuteromycetes)
†*Mycosphaerella coffeicola* (Ascomycetes)

COLOCASIA:

Meloidogyne arenaria (Nematoda)
Meloidogyne javanica (Nematoda)

CONVALLARIA:

†*Pratylenchus penetrans* (Nematoda)

CORNUS:

†*Myzosporium everhartii* (Deuteromycetes)

COTINUS:

†*Cylindrocarpum radicicola* (Deuteromycetes)

CRATAEGUS:

†*Colletotrichum crassipes* (Deuteromycetes)

CUCURBITA:

Phytophthora capsici (Phycomycetes)
Pythium aphanidermatum (Phycomycetes)

CYMBIDIUM:

Pestalotia conspiciua (Deuteromycetes)
†*Physalospora wildemanniana* (Ascomycetes)

CYNODON:

Puccinia cynodontis (Promycetes)

CYPRIPEDIUM:

Phyllostictina pyriformis (Deuteromycetes)

DAHLIA:

Meloidogyne arenaria (Nematoda)
Meloidogyne hapla (Nematoda)
Meloidogyne javanica (Nematoda)

DAUCUS:

Meloidogyne incognita (Nematoda)
†*Meloidogyne javanica* (Nematoda)

DELONIX:

Botryosphaeria ribis (Ascomycetes)

DENDROBIUM:

Pestalotia conspiciua (Deuteromycetes)
Septoria selenophomoides (Deuteromycetes)

DIANTHUS:

Alternaria dianthi (Deuteromycetes)
†*Puccinia arenariae* (Promycetes)

DIOSCOREA:

Scutellonema bradys (Nematoda)

EARINA:

†*Physalospora campptospora* (Ascomycetes)

ECHEVERIA:

Meloidogyne incognita acrita (Nematoda)

ELEOCHARIS:

Stilbum incarnatum (Deuteromycetes)

EPIDENDRUM:

†*Asterinella epidendri* (Ascomycetes)
Cercospora angraei (Deuteromycetes)
Mycosphaerella cattleyae (Ascomycetes)
Sphenospora kevorkianii (Promycetes)
Uredo behnickiana (Promycetes)
Uredo epidendri (Promycetes)
Uredo guacae (Promycetes)
Uredo nigropuncta (Promycetes)

EPIMEDIUM:

†*Meloidogyne incognita acrita* (Nematoda)

EUPHORBIA:

Meloidogyne javanica (Nematoda)

FAGUS:

Fusicoccum galericulatum (Deuteromycetes)
Hendersonia piriformis (Deuteromycetes)

See footnotes at end of this list.

Host and Diseases—Continued

FICUS:

†*Cerotelium fici* (Promycetes)

FRAGARIA:

Mycosphaerella fragariae (Ascomycetes)

FREESIA:

Fusarium oxysporum f. *gladioli* (Deuteromycetes)

Meloidogyne arenaria (Nematoda)

Meloidogyne javanica (Nematoda)

GARDENIA:

Omphalia flavida (Basidiomycetes)

GEOGENANTHUS:

†*Uromyces commelinae* (Promycetes)

GERANIUM:

Meloidogyne hapla (Nematoda)

GERBERA:

Meloidogyne javanica (Nematoda)

GLADIOLUS:

†*Botrytis gladiolorum* (Deuteromycetes)

Fusarium oxysporum f. *gladioli* (Deuteromycetes)

Meloidogyne arenaria (Nematoda)

Meloidogyne incognita acrita (Nematoda)

Papulaspora coprophila (Deuteromycetes)

Urocystis gladiolicola (Promycetes)

GOSSYPIUM:

Cercopora gossypina (Deuteromycetes)

HEDERA:

Colletotrichum dematium (Deuteromycetes)

HELLEBORUS:

Coniothyrium hellebori (Deuteromycetes)

†*Pratylenchus penetrans* (Nematoda)

HIBISCUS:

†*Psilenchus hilarulus* (Nematoda)

†*Tylenchus polyhynus* (Nematoda)

HORDEUM:

Puccinia striiformis (Promycetes)

Ustilago nuda (Promycetes)

HUNTLEYA:

†*Sphenospora kevorkianii* (Promycetes)

Uredo behnickiana (Promycetes)

Uredo guacae (Promycetes)

ILEX:

†*Diaporthe eres* (Ascomycetes)

IONOPSIS:

Uredo guacae (Promycetes)

IPOMOEA:

Coleosporium ipomoeae (Promycetes)

Meloidogyne incognita (Nematoda)

IRIS:

Ditylenchus dipsaci (Nematoda)

Heterosporium iridis (Deuteromycetes)

Meloidogyne arenaria (Nematoda)

Meloidogyne incognita acrita (Nematoda)

†*Mystrosporium adustum* (Deuteromycetes)

JACQUINIELLA:

Phyllostictina pyriformis (Deuteromycetes)

JASMINUM:

Meloidogyne incognita acrita (Nematoda)

JUNIPERUS:

Cricanemoides xenoplax (Nematoda)

Gymnosporangium haraeanaum (Promycetes)

KLEINIA:

Meloidogyne incognita (Nematoda)

See footnotes at end of this list.

LABURNUM:

Coniothyrium cytisellum (Deuteromycetes)

LACTUCA:

Meloidogyne incognita (Nematoda)

†*Meloidogyne incognita acrita* (Nematoda)

LAELIA:

Uredo behnickiana (Promycetes)

Valsella pedicellata (Ascomycetes)

LAVOISIERA:

Papularia sphaerosperma (Deuteromycetes)

LEUCOTHOE:

Diplodina leucothoes (Deuteromycetes)

LILIUM:

Meloidogyne incognita acrita (Nematoda)

LYCOPERSICON:

Corynespora cassicola (Deuteromycetes)

†*Geotrichum candidum* (Deuteromycetes)

Myrothecium roridum (Deuteromycetes)

MAHONIA:

†*Cumminsella mirabilissima* (Promycetes)

†*Pyrenochaeta berberidis* (Deuteromycetes)

MALPHIGIA:

†*Meloidogyne javanica* (Nematoda)

MALUS:

Monilinia fructigena (Ascomycetes)

MANGIFERA:

†*Elsinoe mangiferae* (Ascomycetes)

†*Phyllosticta mortoni* (Deuteromycetes)

MARANTA:

Meloidogyne arenaria (Nematoda)

MILTONIA:

Lembosia rolfii (Ascomycetes)

MONDO:

Meloidogyne incognita acrita (Nematoda)

MONSTERA:

Meloidogyne incognita acrita (Nematoda)

MORMODES:

Sphenospora mera (?) (Promycetes)

MUSA:

Cercospora musae (Deuteromycetes)

Colletotrichum musae (Deuteromycetes)

Macrophoma musae (Deuteromycetes)

†*Memnoniella echinata* (Deuteromycetes)

NARCISSUS:

Ceratocystis narcissii (Ascomycetes)

Ditylenchus dipsaci (Nematoda)

NERIUM:

Cercospora neriella (Deuteromycetes)

Pseudomonas tonelliana (Schizomycetes)

ODONTOGLOSSUM:

Cercospora angraeci (Deuteromycetes)

Septoria selenophomoides (Deuteromycetes)

Uredo oncidii (?) (Promycetes)

ONCIDIODA:

†*Cercospora odontoglossi* (Deuteromycetes)

ONCIDIUM:

†*Cercospora angraeci* (Deuteromycetes)

Micropeltis bakeri (Ascomycetes)

Pestalotia conspicua (Deuteromycetes)

Septonema intercalare (Deuteromycetes)

Septoria selenophomoides (Deuteromycetes)

†*Sphenospora kevorkianii* (Promycetes)

Host and Diseases—Continued

ONCIDIUM—Continued

- Uredo behnickiana* (Promycetes)
Uredo epidendri (Promycetes)
Uredo oncidii (Promycetes)

ORCHID:

- Cercospora angraeci* (Deuteromycetes)
Micropeltis bakeri (Ascomycetes)
Periconia pycnospora (Deuteromycetes)
Pestalotia conspicua (Deuteromycetes)
Phyllosticta pyriformis (Deuteromycetes)
Septonema intercalare (Deuteromycetes)
†*Septoria selenophomoides* (Deuteromycetes)
†*Sphenospora kevorkianii* (Promycetes)
†*Uredo epidendri* (Promycetes)
Volutella albo-pila (Deuteromycetes)

OREOCHARIS:

- Meloidogyne hapla* (Nematoda)

ORNITHOGALUM:

- Didymella ornithogali* (Ascomycetes)
Heterosporium ornithogali (Deuteromycetes)
Puccinia ornithogali-thyrsoideis (Promycetes)

ORYZA:

- †*Aspergillus mangini* (Deuteromycetes)
Chlamydomyces palmarum (Deuteromycetes)
Entyloma oryzae (Promycetes)
†*Hendersonia oryzae* (Deuteromycetes)
†*Leptosphaeria michotii* (Ascomycetes)
Leptosphaeria oryzina (Ascomycetes)
Neovossia horrida (Promycetes)
Nigrospora sphaerica (Deuteromycetes)
Ophiobolus oryzinus (Ascomycetes)
Phyllachora graminis (Ascomycetes)
Septoria oryzae (Deuteromycetes)
Trematosphaerella oryzae (Ascomycetes)

PACHYCEREUS:

- Hendersonia opuntiae* (Deuteromycetes)

PAEONIA:

- Discohainesia oenotherae* (Ascomycetes)
Meloidogyne hapla (Nematoda)
Sclerotopsis testudinea (Deuteromycetes)

PALM:

- †*Coniothyrium socium*(?) (Deuteromycetes)
Memnoniella echinata (Deuteromycetes)
†*Mycosphaerella serrulatae* (Ascomycetes)
†*Phyllosticta palmicola* (Deuteromycetes)

PARKINSONIA:

- †*Diaporthe oncostoma* (Ascomycetes)

PASPALUM:

- Cerebella andropogonis* (Deuteromycetes)

PASTINACA:

- Meloidogyne hapla* (Nematoda)

PERSEA:

- Cercospora purpurea* (Deuteromycetes)

PHASEOLUS:

- Cercospora canescens* (Deuteromycetes)
†*Cercospora columnaris* (Deuteromycetes)
Elsinoe phaseoli (Ascomycetes)
Meloidogyne javanica (Nematoda)
Pythium aphanidermatum (Phycomycetes)
†*Pythium ultimum* (Phycomycetes)
†*Uromyces phaseoli* (Promycetes)

PICEA:

- Chrysomyza ledicola* (Promycetes)

PINUS:

- Pestalotia funerea* (Deuteromycetes)

PISUM:

- †*Ascochyta pisi* (Deuteromycetes)

See footnotes at end of this list.

POLIANTHES:

- Meloidogyne incognita* (Nematoda)
†*Meloidogyne javanica* (Nematoda)

POPULUS

- †*Cytospora chrysosperma* (Deuteromycetes)

PRUNUS PERISCA:

- †*Tranzschelia pruni-spinosae* (Promycetes)

PRUNUS TENELLA:

- †*Coryneum carpophilum* (Deuteromycetes)

PSIDIUM:

- Pestalotia psidii* (Deuteromycetes)
Phoma psidii (Deuteromycetes)

PUNICA:

- †*Dendrophoma cytosporoides* var. *punicina* (Deuteromycetes)
Sphaceloma punicae (Deuteromycetes)

PYRUS:

- Neofabraea malicorticis* (Ascomycetes)
†*Septoria piricola* (Deuteromycetes)

QUERCUS:

- †*Phomopsis quercella* (Deuteromycetes)

RHAPIS:

- Meloidogyne incognita acrita* (Nematoda)

RHEUM:

- Colletotrichum dematium* (Deuteromycetes)

RHODODENDRON:

- Cercospora handelii* (Deuteromycetes)
†*Chrysomyza ledi* var. *rhododendri* (Promycetes)
Diplodina eurhododendri (Deuteromycetes)
Discohainesia oenotherae (Ascomycetes)
Exobasidium vaccinii (Basidiomycetes)
Mycosphaerella clintoniana (Ascomycetes)
Pestalotia macrotricha (Deuteromycetes)
Pestalotia rhododendri (Deuteromycetes)
Septoria azaleae (Deuteromycetes)
†*Venturia rhododendri*(?) (Ascomycetes)

ROSA:

- †*Cercospora puderi* (Deuteromycetes)
†*Griphosphaeria corticola* (Ascomycetes)
Meloidogyne hapla (Nematoda)
Monochaetia compta (Deuteromycetes)
Mycosphaerella rosigena (Ascomycetes)
†*Sphaceloma rosarum* (Deuteromycetes)
†*Sphaerotheca pannosa* var. *rosae* (Ascomycetes)

ROSCOEIA:

- Meloidogyne javanica* (Nematoda)

RUBUS:

- †*Microthyriella rubi* (Ascomycetes)
†*Mycosphaerella rubi* (Ascomycetes)

RUSCUS:

- Leptosphaeria rusci* (Ascomycetes)

SACCHARUM:

- †*Scirrhia lophodermioides* (Ascomycetes)

SALIX:

- †*Melampsora paradoxa*(?) (Promycetes)

SANSEVIERIA:

- Meloidogyne incognita acrita* (Nematoda)

SCAPHYGLOTTIS:

- Uredo nigropuncta* (Promycetes)

SCHIZOSTYLIS:

- †*Stemphylium botryosum* (Deuteromycetes)

SCHOMBURGKIA:

- Uredo behnickiana* (Promycetes)

Host and Diseases—Continued

SCIRPUS:

- Puccinia angustata* (Promycetes)
 †*Uromyces lineolatus* (Promycetes)

SECALE:

- †*Tilletia contraversa* (Promycetes)

SECIUM:

- ‡*Ascochyta cucumis*(?) (Deuteromycetes)

SOBRALIA:

- †*Cercospora cypripedii* (Deuteromycetes)

SOIL:

- ‡*Gottholdsteineria goodeyi* (Nematoda)
 †*Helicotylenchus erythrinae* (Nematoda)
 †*Helicotylenchus multicinctus* (Nematoda)
 †*Helicotylenchus nannus* (Nematoda)
 †*Heterodera avenae* (Nematoda)
 †*Heterodera cacti* (Nematoda)
 †*Heterodera humuli* (Nematoda)
 †*Heterodera punctata* (Nematoda)
 †*Heterodera rostochiensis* (Nematoda)
 †*Meloidogyne hapla* (Nematoda)
 †*Meloidogyne incognita* (Nematoda)
 †*Meloidogyne incognita acrita* (Nematoda)
 †*Psilenchus hilarulus* (Nematoda)
 †*Scutellonema brachyurum* (Nematoda)
 †*Scutellonema christiei* (Nematoda)
 †*Tylenchorhynchus acutus* (Nematoda)
 †*Tylenchorhynchus capitatus* (Nematoda)
 †*Tylenchorhynchus martini* (Nematoda)
 †*Tylenchus davainei* (Nematoda)
 †*Xiphinema diversicaudatum* (Nematoda)

SOLANUM:

- Meloidogyne arenaria* (Nematoda)
Meloidogyne incognita (Nematoda)
 †*Meloidogyne incognita acrita* (Nematoda)
Meloidogyne javanica (Nematoda)
Memnoniella echinata (Deuteromycetes)
Oospira pustulans (Deuteromycetes)

SORGHUM:

- Phoma insidiosa* (Deuteromycetes)

STACHYTARPHETA:

- Puccinia urbaniana* (Promycetes)

STANHOPEA:

- †*Coniothyrium stanhopeae* (Deuteromycetes)
Guignardia traversi (Ascomycetes)
Phyllostictina pyriformis (Deuteromycetes)
Uredo guacae (Promycetes)
Uredo nigropuncta (Promycetes)

TABEBUIA:

- Meloidogyne javanica* (Nematoda)

TERMINALIA:

- †*Pestalotia disseminata* (Deuteromycetes)

THOMSONIA:

- Meloidogyne javanica* (Nematoda)

TRIGONIDIUM:

- Uredo epidendri* (Promycetes)
Uredo guacae (Promycetes)

TRITICUM:

- Colletotrichum graminicola* (Deuteromycetes)
 †*Leptosphaeria eustomoides* (Ascomycetes)
Phyllachora graminis (Ascomycetes)

TROLLIUS:

- †*Urocystis anemones* (Promycetes)

VACCINIUM:

- ‡*Mycosphaerella vaccinii* (Ascomycetes)

VANILLA:

- Uredo scabies* (Promycetes)

VIBURNUM:

- ‡*Pseudomonas ciburni* (Schizomycetes)

VIOLA:

- Meloidogyne javanica* (Nematoda)

VITIS:

- †*Coniothyrium diplodiella* (Deuteromycetes)
 †*Phylospora obtusa* (Ascomycetes)

WEIGELA:

- Meloidogyne hapla* (Nematoda)

YUCCA:

- Diplodia circinans* (Deuteromycetes)

ZANTEDESCHIA:

- Meloidogyne arenaria* (Nematoda)
Meloidogyne incognita acrita (Nematoda)
Meloidogyne javanica (Nematoda)

ZINGIBER:

- Meloidogyne arenaria* (Nematoda)
Memnoniella echinata (Deuteromycetes)
Tritirachium dependens (Deuteromycetes)

ZIZANIA:

- Uromyces coronatus* (?) (Promycetes)

ZYGOPETALUM:

- Uredo guacae* (Promycetes)

Hosts Unknown

PLANT:

- Meloidogyne incognita acrita* (Nematoda)

SCALE INSECT:

- Pseudomicrocera henningsii* (Deuteromycetes)
Sphaerostilbe aurantiicola(?) (Ascomycetes)

STRAW—CEREAL:

- Colletotrichum graminicola* (Deuteromycetes)
Puccinia striiformis (Promycetes)

A dagger (†) indicates a first interception from the country named.

A double dagger (‡) indicates first record of its interception by Division inspectors.

Countries of Origin and Diseases

- AFGHANISTAN:**
 †*Tilletia contraversa*
- AFRICA:**
Phoma citricarpa
Scutellonema bradys
- AMERICAN SAMOA:**
 †*Macrophoma cocos*
- ARGENTINA:**
Elsinoe australis
Heterodera cacti
Heterodera rostochiensis
Meloidogyne arenaria
Meloidogyne incognita
Xanthomonas sp. (Cancrosis B)
- AUSTRALIA:**
Cerebella andropogonis
Cryptospora longispora
Macrophoma araucariae
Meloidogyne hapla
Meloidogyne javanica
Phoma araucariae
Phoma citricarpa
Septoria depressa
Sphaceloma fawcettii var. *scabiosa*
- AUSTRIA:**
Chrysomyza ledi var. *rhododendri*
- AZORES:**
Puccinia striiformis
- BAHAMAS:**
Ophiobolus versisporus
Uredo epidendri
- BELGIUM:**
Erobasidium vaccinii
Heterodera punctata
 †*Leptosphaeria eustomoides*
Memnoniella echinata
Phyllosticta aucubicola
Septoria avenae
- BERMUDA:**
Cercospora neriella
Macrophoma araucariae
Meloidogyne incognita
Uromyces lineolatus
- BRAZIL:**
Asperisporium caricae
Cercospora coffeicola
Colletotrichum musae
Elsinoe australis
Meloidogyne incognita acrita
Meloidogyne javanica
Papularia sphaerosperma
Phoma citricarpa
Uredo behnickiana
Uredo epidendri
Uredo guacae
Uredo oncidii
- BRITISH GUIANA:**
Pseudomicrocera henningsii
- BRITISH HONDURAS:**
Pestalotia conspicua
Uredo guacae
Uredo oncidii
- BRITISH ISLES:**
Heterodera rostochiensis
- CANADA:**
 †*Chrysomyza ledi* var. *rhododendri*
Chrysomyza ledicola
Colletotrichum dematium
 †*Coryneum carpophilum*
- †*Cytospora chrysosperma*
Meloidogyne hapla
 †*Phomopsis quercella*
- CANAL ZONE:**
 †*Coniothyrium stanhopeae*
 †*Diplodia coccoarpa*
Meloidogyne arenaria
Meloidogyne incognita
Phyllostictina pyriformis
Uredo epidendri
Uredo nigropuncta
- CENTRAL AMERICA:**
Volutella albo-pila
- CHINA:**
Memnoniella echinata
Phoma citricarpa
Stilbum incarnatum
Tritirachium dependens
Uromyces coronatus(?)
Xanthomonas citri
- CHRISTMAS ISLAND:**
 †*Diaporthe articii*
- COLOMBIA:**
 †*Meloidogyne incognita acrita*
Uredo anthurii
 †*Uromyces commelinae*
- COSTA RICA:**
Lembosia rolsfii
Macrophoma musae
Mycosphaerella rosigena
Phyllachora engleri
 †*Sphenospora kevorkianii*
Uredo behnickiana
Uredo epidendri
Uredo guacae
Uredo nigropuncta
Uredo oncidii
- CUBA:**
 †*Coleosporium asterum*
Elsinoe mangiferae
 †*Helicotylenchus multicinctus*
Meloidogyne incognita acrita
Meloidogyne javanica
 †*Pestalotia disseminata*
Sphenospora kevorkianii
 †*Tylenchorhynchus acutus*
Uredo nigropuncta
- CZECHOSLOVAKIA:**
 †*Heterodera avenae*
- DENMARK:**
 †*Coniothyrium diplodiella*
Heterodera rostochiensis
 †*Uromyces limonii*
- DOMINICAN REPUBLIC:**
 †*Phyllosticta mortoni*
 †*Sphenospora kevorkianii*
- ECUADOR:**
 †*Cercospora angraei*
 †*Cerotelium fici*
- EGYPT:**
Meloidogyne javanica
- EL SALVADOR:**
 †*Cercospora coffeicola*
 †*Colletotrichum crassipes*
Uredo oncidii
- ENGLAND:**
Alternaria dianthi
Ceratocystis narcissii
Colletotrichum dematium

See footnotes at the end of this list.

Countries of Origin and Diseases—Continued

ENGLAND—Continued

- †*Diaporthe eres*
Ditylenchus dipsaci
Fusarium oxysporum f. *gladioli*
Heterodera avenae
Heterodera cacti
Heterodera humuli
Heterodera punctata
Heterodera rostochiensis
Meloidogyne hapla
†*Meloidogyne incognita acrita*
Memnoniella echinata
Monilinia fructigena
Mycosphaerella clintoniana
Pestalotia funerea
Puccinia arenariae
†*Pyrenochaeta berberidis*
Septoria chrysanthemi
Septoria selenophomoides
†*Stemphylium botryosum*
†*Urocystis anemones*

ENGLAND(?):

- †*Cumminsia mirabilissima*

ETHIOPIA:

- Ustilago nuda*

EUROPE:

- Heterodera avenae*
Heterodera punctata

FEDERATION OF MALAYA:

- Phoma citricarpa*
Xanthomonas citri

FIJI ISLANDS:

- †*Meloidogyne javanica*

FORMOSA:

- Phoma citricarpa*

FRANCE:

- Heterodera punctata*
Meloidogyne javanica
†*Microthyriella rubi*
Monilinia fructigena
†*Mycosphaerella rubi*

FRENCH WEST AFRICA:

- Meloidogyne incognita*
Meloidogyne incognita acrita
†*Meloidogyne javanica*
†*Memnoniella echinata*

GERMANY:

- Ceratocystis narcissii*
Chrysomya ledi var. *rhododendri*
Coniothyrium hellebori
†*Griphosphaeria corticola*
Heterodera avenae
†*Heterodera humuli*
Heterodera punctata
Heterodera rostochiensis
Meloidogyne hapla
Mycosphaerella fragariae
†*Sphaerotheca pannosa* var. *rosae*
†*Tylenchus davainei*
†*Uromyces limonii*

GREECE:

- †*Phyaspora obtusa*
†*Scutellonema brachyurum*
†*Septoria limonii*
Septoria unedonis

GUAM:

- †*Macrophoma cocos*

GUATEMALA:

- †*Cercospora cyripedii*
†*Elsinoe mangiferae*
Meloidogyne arenaria

- Septoria selenophomoides*
Uredo oncidii

HAWAII:

- Diplodia coccoarpa*
Macrophoma cocos
Macrophoma musae
Meloidogyne javanica
†*Pestalotia mitcheneri*
Uromyces alyziae

HONDURAS:

- †*Elsinoe mangiferae*
Memnoniella echinata
Uredo epidendri

HONG KONG:

- Papularia sphaerosperma*
Phoma citricarpa
Xanthomonas citri

INDIA:

- †*Hendersonia oryzae*
†*Meloidogyne incognita acrita*
Meloidogyne javanica
Phoma insidiosa
Phyllachora graminis
Phyllostictina pyriiformis
Puccinia striiformis
Xanthomonas citri

IRELAND:

- †*Gotholdsteineria goodeyi*
†*Helicotylenchus erythrinae*
Heterodera punctata
Heterodera rostochiensis

ISRAEL:

- Heterodera avenae*
Meloidogyne incognita(?)
†*Meloidogyne javanica*

ITALY:

- Alternaria citri*
Ascochyta pisi
Botryosphaeria berengeriana var. *araucariae*
Colletotrichum graminicola
Coniothyrium hellebori
Coniothecium scabrum
Heterodera avenae
Leptosphaeria rusci
Meloidogyne incognita
Meloidogyne javanica
Puccinia buxi
Sclerotium cepivorum
Septoria citri
†*Tylenchulus semipenetrans*
†*Xiphinema diversicaudatum*

JAMAICA:

- Meloidogyne javanica*
†*Sphenospora kevorikantii*
Uredo guacae

JAPAN:

- †*Aphelenchoides fragariae*(?)
Ascochyta pisi
Botrytis gladiolorum
Chlamydomyces palmarum
†*Colletotrichum dematium* f. *circinans*
Cricnemoides xenoplax
Discohainesia oenotherae
Gymnosporangium haraezanum
Entyloma oryzae
Heterodera cacti
†*Leptosphaeria eustomoides*
†*Leptosphaeria michotii*
Leptosphaeria oryzina
†*Macrophoma cocos*
Meloidogyne arenaria
Meloidogyne hapla
Meloidogyne incognita acrita
Mycosphaerella schaeenoprasii

Countries of Origin and Diseases—Continued

JAPAN—Continued

- †*Mystrosporium adustum*
- Neovossia horrida*
- Nigrospora sphaerica*
- Ophiobolus oryzae*
- Papulaspora coprophila*
- Papulaspora parasitica*
- †*Pestalotia conspicua*
- Phoma citricarpa*
- Phyllachora graminis*
- †*Physalospora wildevaniana*
- †*Pratylenchus penetrans*
- Puccinia chrysanthemi*
- Puccinia horiana*
- Puccinia phyllostachydis*
- Sclerotopsis testudinea*
- Septoria chrysanthemi*
- Septoria citri*
- Septoria oryzae*
- †*Sphaerostilbe aurantiicola*(?)
- †*Tranzschelia pruni-spinosae*
- Trematosphaerella oryzae*
- Xanthomonas citri*

KENYA:

- †*Meloidogyne javanica*

MALTA:

- †*Heterodera rostochiensis*

MEXICO:

- †*Allantonectria miltina*
- †*Ascochyta cucumis*(?)
- Asperisporium caricae*
- †*Asterinella epidendri*
- †*Botryosphaeria palmigena*
- Botrytis gladiolorum*
- Cercospora angraei*
- Cercospora gossypina*
- Cercospora insulana*
- †*Cercospora odontoglossi*
- †*Cercospora puderi*
- Cercospora purpurea*
- Cladosporium orchidearum*
- Coleosporium ipomoeae*
- Colletotrichum dematium*
- †*Coniothecium agaves*
- †*Coniothecium globuliforme*
- †*Coniothecium socium*(?)
- Corynespora cassicola*
- Curvularia lunata*
- Diplodia circinans*
- Diplodia coccocarpa*
- Ditylenchus dipsaci*
- Fusarium oxysporum* f. *gladioli*
- †*Geotrichum candidum*
- "Greasy spot"
- Guignardia traversi*
- †*Helicotylenchus erythrinae*
- Helicotylenchus nannus*
- Hendersonia opuntiae*
- Heterodera cacti*
- Heterodera punctata*
- Heterodera rostochiensis*
- "Leprosy"
- Macrophoma cocos*
- †*Melampsora paradoxa*(?)
- Meloidogyne arenaria*
- Meloidogyne hapla*
- Meloidogyne incognita*
- Meloidogyne incognita acrita*
- Meloidogyne javanica*
- Micropeltis bakeri*
- Mycosphaerella cattleyae*
- Mycosphaerella opuntiae*
- †*Mycosphaerella serrulatae*
- Myrothecium rostratum*
- Neofabraea malicorticis*
- Omphalia flacida*
- Papularia sphaerosperma*
- †*Parodiella congregata*
- Periconia pycnospora*
- Pestalotia conspicua*

- Pestalotia psidii*
- Phoma psidii*
- †*Phyllosticta chrysanthemi*
- †*Phyllosticta palmicola*
- Phyllostictina pyramis*
- Phytophthora capsici*
- Pseudomicrocera heaningsii*
- Pseudomonas tonelliana*
- †*Pailenchus hilarulus*
- Puccinia chloridis*
- Puccinia cynodontis*
- Pythium aphanidermatum*
- †*Pythium ultimum*
- †*Ravenelia mesillana*
- Ring spot virus
- †*Scirrhia lophodermioides*
- Scopulariopsis brevicaulis* var. *glabra*
- Scutellonema brachyurum*
- Septonema intercalare*
- Septoria citri*
- Septoria selenophomoides*
- Sphaceloma punicea*
- †*Sphaceloma rosarum*
- Sphenospora mera*(?)
- Stagonospora macrospora*
- †*Tobacco ring spot virus*(?)
- †*Tylenchorhynchus acutus*
- Tylenchorhynchus capitatus*
- †*Tylenchorhynchus martini*
- †*Tylenchus polyhymnus*
- Uredo behnickiana*
- Uredo oncidii*
- Valsella pedicellata*

NETHERLANDS:

- Aphelenchoides fragariae*(?)
- Botrytis gladiolorum*
- Cercospora handelii*
- †*Chalaropsis thielaviopsis*
- Coniothyrium cytisellum*
- Coniothyrium hellebori*
- †*Cylindrocarpum radicleola*
- Diplodina leucothoes*
- Diplodina euryhododendri*
- Discohainesia oenotherae*
- Ditylenchus dipsaci*
- Fusicoccum galericulatum*
- Helicotylenchus nannus*
- Hendersonia piriformis*
- Heterodera punctata*
- Meloidogyne hapla*
- Monochaetia compta*
- †*Myzosporeum everhartii*
- Oosporeum pustulans*
- †*Papulaspora dodgei*
- Pestalotia macrotricha*
- Pestalotia rhododendri*
- Phoma lingam*
- Pratylenchus penetrans*
- Pratylenchus pratensis*
- Septoria azaleae*
- Urocystis gladiolicola*
- †*Venturia rhododendri*(?)
- "Yellow spot" virus

NEW GUINEA:

- †*Macrophoma araucariae*
- †*Meloidogyne arenaria*
- Pestalotia conspicua*
- †*Pestalotia micheneri*

NEW ZEALAND:

- Ceratocystis narcissii*
- Cerebella andropogonis*
- Heterosporium iridis*
- †*Physalospora camptospora*
- Sphaceloma fawcettii* var. *scabiosa*

NICARAGUA:

- †*Uredo epidendri*

NORFOLK ISLAND:

- Cryptospora longispora*
- Macrophoma araucariae*

See footnotes at end of this list

Countries of Origin and Diseases—Continued

NORWAY:

- †*Mycosphaerella vaccinii*
- †*Plowrightia virgultorum*

PAKISTAN:

- †*Curvularia geniculata*
- †*Xanthomonas citri*

PANAMA:

- Cercospora musae*
- †*Puccinia thaliae*
- Uredo behnickiana*
- Uredo scabies*

PERU:

- †*Cercospora insulana*
- Heterodera rostochiensis*
- Meloidogyne incognita*

PHILIPPINES:

- Phoma citricarpa*

PORTUGAL:

- †*Ascochyta pisi*
- †*Aspergillus mangini*
- †*Colletotrichum graminicola*
- †*Mycosphaerella coffeicola*
- †*Uromyces lineolatus*

PUERTO RICO:

- Cercospora canescens*
- †*Cercospora columnaris*
- Elsinoe phaseoli*
- †*Meloidogyne javanica*
- Puccinia urbaniana*

SCOTLAND:

- Ditylenchus dipsaci*
- Heterodera rostochiensis*
- †*Pseudomonas riburni*

SINGAPORE:

- †*Meloidogyne incognita*
- Phoma citricarpa*
- Septoria citri*(?)
- Xanthomonas citri*

SPAIN:

- †*Dendrophoma cytosporoides* var. *punicina*
- Heterodera avenae*
- Monilinia fructigena*
- Septoria citri*
- †*Septoria piricola*
- †*Uromyces phaseoli*

SURINAM:

- †*Micropeltis bakeri*

SWEDEN:

- Heterodera rostochiensis*
- †*Puccinia arenariae*

SWITZERLAND:

- Chrysomya ledi* var. *rhododendri*
- Discohainesia oenotherae*

THAILAND:

- Phoma citricarpa*

TRINIDAD:

- †*Heterodera cacti*
- †*Meloidogyne incognita acrita*
- Phyllostictina pyrifomis*
- †*Scutellonema christiei*

TURKEY:

- Ustilago bullata*

UNION OF SOUTH AFRICA:

- Collectotrichum dematium*
- Didymellina ornithogali*
- Heterosporium ornithogali*
- Meloidogyne incognita*
- Phoma citricarpa*
- Puccinia ornithogali-thyrsoidea*
- †*Septoria selenophomoides*

UNKNOWN:

- Botryosphaeria ribis*
- Elsinoe australis*
- Elsinoe mangiferae*
- Heterodera punctata*
- Macrophoma musae*
- Phoma citricarpa*
- Puccinia angustata*
- Septoria citri*

URUGUAY:

- †*Diaporthe oncostoma*

VENEZUELA:

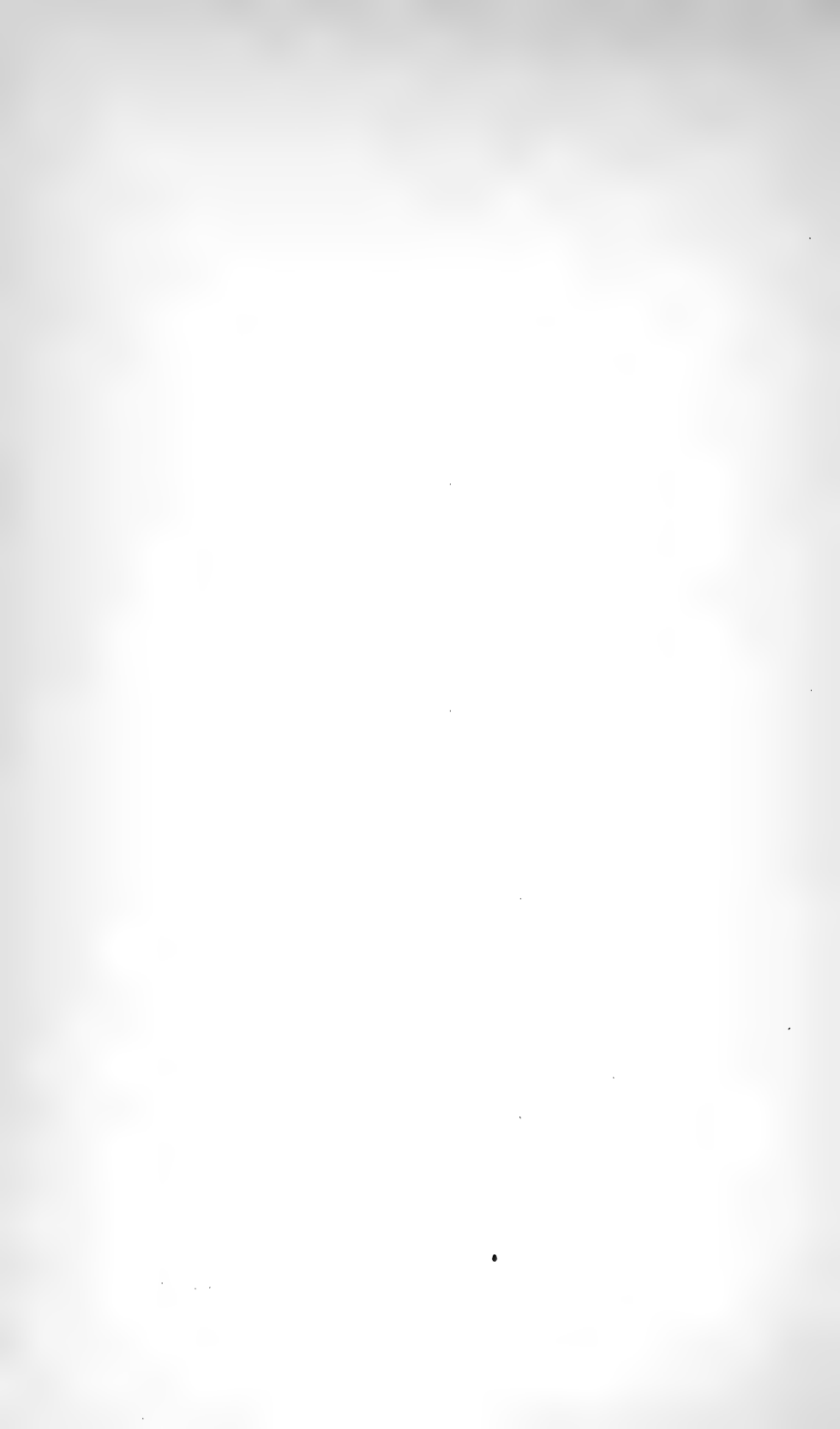
- †*Botrytis gladiolorum*
- †*Heterodera cacti*

WEST AFRICA:

- Meloidogyne incognita*

A dagger (†) indicates a first interception from the country named.

A double dagger (‡) indicates first record of its interception by Division inspectors.



1959

Issued June 1960

**UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
PLANT QUARANTINE DIVISION
WASHINGTON 25, D. C.**

LIST OF INTERCEPTED PLANT PESTS, 1959

(Pests Arriving at United States Ports, July 1, 1958, Through June 30, 1959)

**Compiled by
Bessie C. Mumford¹
Plant Quarantine Aid**

INTRODUCTION

This 46th report of interceptions summarizes the records of insect pests, plant pathogens, and certain other harmful organisms found in, on, or with plants, plant products, baggage, and means of conveyance (1) imported into or entering the United States or its possessions, (2) offered for entry but refused, (3) held in stores or quarters of planes or ships, (4) offered for entry for immediate transportation and exportation in bond, or (5) in domestic shipments to the mainland from the State of Hawaii and the offshore possessions, including the American Virgin Islands, Guam, and Puerto Rico.

The pests listed include insects, snails, fungi, bacteria, nematodes, and viruses causing injury of known or potential plant quarantine significance to the United States. Some common organisms are included if they are new to the country of origin or the host plant, or are of such limited distribution in the United States that they are worthy of mention.

The data for this list include identifications received during the fiscal year 1959 and represent some interceptions made during previous years. Determinations are largely made by specialists of the Entomology Research Division and Plant Quarantine Division, although a certain amount of this work is done by collaborating State officials. Snail identifications are made by taxonomists in the Division of Mollusks, U.S. National Museum. Some critical studies and identifications are made by specialists of the Crops Research Division, who also identify many of the host plants.

All scientific names are reviewed by specialists of the Crops Research Division to assure conformance to the International Rules of Nomenclature. However, in the disease tabulation the name of the stage found is usually listed rather than the perfect stage of the organism. Family names are listed with the insects in the tabulation; orders are given in the host list. The classes of the diseases are shown in the disease host list.

Every effort is made to give the correct origin for all collections listed. Occasionally, however, it is difficult to trace the true origin of stores in planes and ships. Questionable cases are omitted, listed with a question mark, or shown as unknown.

¹ Assistance was received from Alice J. Watson, mycologist, and Paul X. Peltier, entomologist.

AIRBORNE MATERIAL

The interceptions from airborne material totaled 8,033, about one-third of the interceptions for the year. There were 6,986 insects and snails, and 1,047 diseases and nematodes. This is an increase of 2,531 over last year, when the total was 5,502. Many important pests are included in this number. From airborne material there were 30 interceptions of the European cherry fruit fly, 50 of the Mediterranean fruit fly, 19 of the Mediterranean land snail, 12 of the Mexican fruit fly, 28 of the olive fruit fly, 14 of the oriental fruit fly, 6 of the pink bollworm, 72 of the West Indian fruit fly, 90 of the black spot of citrus, 17 of citrus canker, 5 of sweet orange scab, and 15 of the golden nematode. A possible high survival rate of pests arriving by air necessitates constant vigilance on the part of Plant Quarantine inspectors.

NOTES ON PESTS INTERCEPTED

The total number of interceptions made during the fiscal year 1959 was 25,296, as compared with 18,198 the previous year. Of these, 8,850 were considered of enough importance to be listed, as compared with 7,946 last year. This increase is in part accounted for by expanding commerce and travel. The opening of the St. Lawrence Seaway to ocean-going vessels has materially increased the number of ship arrivals and interceptions at Great Lakes ports.

FRUIT FLIES

A total of 502 fruit fly interceptions were identified to species as follows:

Anastrepha ludens, the Mexican fruit fly, (153 times) in grapefruit, mango, orange, peach, pear, pomegranate, ponderosa lemon, quince, sapote, and sweet lime in air baggage, baggage, quarters, and stores from Mexico; and in sweet lime in air baggage from Guatemala.

Anastrepha mombinpraeoptans, the West Indian fruit fly, (110 times) in guava in air baggage from Puerto Rico; in mango in air baggage, air quarters, baggage, cargo, quarters, and stores from the American Virgin Islands, Colombia, Costa Rica, Cuba, Dominican Republic, El Salvador, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico, and Trinidad; in purple mombin in air baggage and baggage from Cuba, El Salvador, Guatemala, Mexico, and Nicaragua; in *Spondias* sp. in air baggage from Cuba; in tropical almond in air baggage from Jamaica; in vi-apple in air baggage from El Salvador; and in yellow mombin in air baggage and air stores from Central America, Costa Rica, El Salvador, Guatemala, and Nicaragua.

Anastrepha serpentina (twice) in sapodilla in air baggage from Guatemala.

Anastrepha striata (twice) in guava in baggage from Mexico. *A. striata*(?) (twice) in guava in air baggage from El Salvador and in baggage from Mexico.

Anastrepha suspensa (6 times) in guava in air baggage from Cuba and in preflight inspection of air baggage and in airmail from Puerto Rico.

Ceratitis capitata, the Mediterranean fruit fly, (94 times) in apple in air baggage from Portugal, in air stores from Europe, and in baggage from Greece; in apricot in air stores from France and Italy; in Arabian coffee berries in air baggage, baggage, and mail from Hawaii; in coffee berries in air baggage from Brazil and Costa Rica, and in aircargo from Brazil; in fig in air baggage from Argentina and Italy, and in mail from Spain; in grape in baggage from Italy; in grapefruit in quarters and stores from Brazil, and in stores from Egypt; in guava in air baggage from Portugal; in loquat in air baggage from Tunisia, and in baggage from Italy; in Mandarin orange in air baggage from Italy, in air stores from Argentina, in baggage from Italy and Spain, and in stores from Cyprus and Syria; in orange in air baggage from Costa Rica, Israel and an unknown origin, in air stores from Italy and Spain, in baggage from Italy and Portugal, in quarters from Egypt, and in stores from Argentina, Egypt, Italy, and Spain; in peach in air baggage from Israel, Italy, Spain, and an unknown origin, and in stores from Europe and Spain; in pear in air baggage from Greece, Israel, and Italy; in pricklypear in air baggage and baggage from Italy; in pummelo in air baggage from Italy, and in stores from an unknown origin; in quince in air baggage from Italy, and

in baggage from Greece and Italy; and in tropical almond in baggage from Hawaii. *C. capitata*(?) (10 times) in Arabian coffee in air baggage and baggage from Hawaii; in coffee in air baggage from Brazil; in fig in air baggage from Italy; in Indiapoon beautyleaf seed pulp in air baggage from Hawaii; and in orange in air stores from Italy and the Union of South Africa, in mail from Italy, and in stores from an unknown origin.

Dacus cucurbitae, the melon fly, (9 times) an adult in an airplane from Japan(?); and in cucumber and tomato in stores from Hawaii.

Dacus dorsalis, the oriental fruit fly, (24 times) an adult in an airplane from Japan; in Arabian coffee in air baggage and mail from Hawaii; in avocado in baggage from Hawaii; in banana in baggage and quarters from Hawaii; in date in baggage from Hawaii; in guava in air baggage from Hawaii; in mango in air baggage and baggage from Hawaii; in papaya in air baggage from Hawaii; in passionflower fruit in mail from Hawaii; in pummelo in baggage from Hawaii; in tropical almond in air baggage from Hawaii; and in unidentified fruit in baggage from Hawaii. *D. dorsalis*(?) (5 times) in Arabian coffee in air baggage from Hawaii; in mango in air baggage and stores from Hawaii; and in tropical almond in mail from Hawaii.

Dacus oleae, the olive fly, (42 times) in olive in air baggage from Italy, Lebanon, Spain, Tunisia, and the Union of Soviet Socialist Republics and in baggage from Greece and Italy; and an adult with pumpkin seeds in air baggage from Italy. *D. oleae*(?) (once) pupa with olive in air baggage from Italy.

Dacus passiflorae (once) in *Degeneria vitiensis* fruit in aircargo from the Fiji Islands.

Dacus pedestris (twice) in *Melastoma malabatricum* and *Melastoma* sp. fruit in aircargo from the Federation of Malaya.

Euleia heraclei (twice) in celery in stores from England. *E. heraclei*(?) (twice) in parsley in air stores from England and an unknown origin.

Hexachaeta monostigma (once) adult with palm leaf in aircargo from Mexico.

Orellia punctata (once) adult with safflower seed heads in aircargo from Jordan.

Rhagoletis cerasi, the European cherry fruit fly, (31 times) in cherry in air baggage from France, Germany, Hungary, Italy, Poland, Portugal, Rumania, and Yugoslavia; in air stores from France, Italy, Portugal, and Spain; and in stores from Italy. *R. cerasi*(?) (once) in cherry in air baggage from Germany.

Toxotrypana curvicauda (once) in papaya in baggage from Mexico.

INSECTS OTHER THAN FRUIT FLIES

The following insects of unusual interest were intercepted:

Adoxophyes orana (Tortricidae) with apple in mail from Germany and on lilac in aircargo from the Netherlands.

Alcidodes dentipes (Curculionidae) with sweetpotatoes in stores from Sierra Leone.

Aleurocanthus woglumi (Aleyrodidae), the citrus blackfly, on *Citrus* sp. leaves in air baggage and baggage from Mexico and in mail from Jamaica, on lemon leaves in air baggage from Mexico, and on orange leaves in baggage from Mexico.

Aleutotuberculatus jasmini (Aleyrodidae) on jasmine leaf in aircargo from the Philippines.

Anthonomus rectirostris (Curculionidae) in cherry pits in air baggage from Germany.

Aspidiotus degeneratus (Coccidae) on camellia stem in mail from Japan, on Grecian laurel leaves in air baggage from Italy, and on laurel leaves in stores from Japan.

Baris lepidii (Curculionidae) in horseradish root in stores from Poland.

Blissus diplopterus (Lygaeidae) on apricots and Cape chinkerichiee flowers in cargo from the Union of South Africa.

Brachycerus algeris (Curculionidae) in garlic in air baggage and baggage from Italy.

Calidium rufipenne (Cerambycidae) in dunnage, quarters, and wooden crates in cargo and mail from Japan.

Carposina niponensis (Carposinidae) in apples in air baggage, air quarters, air stores, quarters, and stores from Japan.

Cenopalpus pulcher (Tenuipalpidae) on almond scion in aircargo from Iran and on pear scion in airmail from France.

Ceroplastes rusci (Coccidae) on fig leaves in air baggage from Argentina and in baggage from Greece.

Chilo suppressalis (Crambidae), the Asiatic rice borer, in rice straw in air baggage, mail, and stores from Japan; in rice straw jackets in air baggage from Spain; and in rice straw mats in dunnage from Japan.

Chionaspis asiatica (Coccidae) on Mazzard cherry scions in airmail and mail from Iran.

Chirothrips pretorianus (Thripidae) with *Eragrostis* spp. seeds and various other seeds in mail from the Union of South Africa.

Clysiana ambiguella (Phaloniidae) in grape in baggage from Italy.

Conotrachelus aguacatae (Curculionidae) in avocado in baggage from Guatemala and Mexico and in cargo from Mexico.

Cryptophlebia leucotreta (Olethreutidae) in grapefruit in stores, Mandarin orange in baggage, and orange in quarters from the Union of South Africa; and in orange in air baggage from an unknown origin.

Cylas formicarius var. (Curculionidae) in sweetpotato in cargo from Hong Kong and in stores from the Dominican Republic, and in an unidentified vegetable in baggage from the Dominican Republic.

Dialeurodes kirkaldyi (Aleyrodidae) on crapemyrtle in air baggage and air stores from Australia, on cut flowers in air baggage from Cuba, on jasmine in air baggage from Hawaii and air stores from Japan, on Mexican frangipani leaves in mail from Hawaii, and on orange leaf in air baggage from Tahiti.

Diaprepes abbreviatus (Curculionidae) as stowaway on airplane from the Dominican Republic and on air baggage in preflight inspection in Puerto Rico.

Dichocrocis punctiferalis (Pyraustidae) on Japanese white pine in baggage from Japan.

Euscapes postfasciatus (Curculionidae) in sweetpotato in baggage from Hawaii and Puerto Rico, in cargo from St. Kitts and Tortola, and in stores from Brazil and Trinidad; and in *Ipomoea* sp. in stores from Venezuela.

Frankliniella intonsa (Thripidae) on carnation in air baggage from Germany and Poland and in air quarters from an unknown origin, on assorted flowers and lavender plant in air baggage from England, on geranium plant in air baggage from Belgium, on painted daisy in air baggage from Finland, and on roses in air baggage from France and Germany.

Gnorimoschema ocellatella (Gelechiidae) in beets in stores from Egypt.

Grapholitha janthiana (Olethreutidae) in apple in air baggage from France.

Icerya seychellarum (Coccidae) on *Rhapis* sp.(?) in air baggage from the Philippines.

Ips typographus (Scolytidae) in bark on wooden crate in aircargo from Germany, in pine crate in baggage from Norway, and on wood crating in cargo from Sweden.

Lepidosaphes pini (Coccidae) on pine in air baggage and airmail from Japan.

Leucinodes orbonalis (Pyraustidae) in *Solanum* sp. fruit in air baggage from Liberia.

Lobesia botrana (Olethreutidae) in grape in air stores from France.

Mamestra brassicae (Noctuidae) as stowaway on airplane from Guam(?) and in cabbage in stores from France and Japan.

Maruca testulalis (Pyraustidae), a bean pod borer, in *Canavalia microcarpa* in preflight inspection of air baggage leaving Hawaii for the mainland; in mauna loa leis in baggage from Hawaii; in pigeonpeas in air baggage, baggage, and cargo from Puerto Rico; in string beans in cargo from Puerto Rico and in stores from Brazil and Trinidad; and in *Sesbania grandiflora* flowers in mail from Hawaii.

Megastigmus suspectus pinsapinis (Torymidae) in Cedar-of-Lebanon seed in mail from Turkey.

Pectinophora gossypiella (Gelechiidae), the pink bollworm, in cotton bolls in air baggage from Cuba, Jamaica, Hawaii, and Trinidad and in baggage from Mexico; in cottonseed in air baggage from Puerto Rico, in baggage from Brazil, Hawaii, and Mexico, and in quarters from Mexico; in seed cotton in quarters from Mexico; and in okra pods in air baggage, cargo, and stores from the Dominican Republic.

Phlyctinus callosus (Curculionidae) in grape in cargo from the Union of South Africa.

Pityogenes chalcographus (Scolytidae) in pine in baggage from Norway and in cargo from Sweden, in spruce bark in cargo from Belgium, and in wood crating in cargo from Belgium and Sweden.

Prays oleellus (Hyponomeutidae) in olive pits in air baggage from Greece, Lebanon, and Turkey.

Sesamia cretica (Noctuidae), the durra stem borer, in broomcorn in baggage from Italy and in mail from Greece.

Stephanoderes hampei (Scolytidae) in coffee in aircargo from Aruba and in cargo from the Belgian Congo and Brazil.

Tetranychus viennensis (Tetranychidae) on apple in aircargo, on *Pyrus* sp. in air stores, and on sand pear in air baggage from Japan.

Thrips major (Thripidae) on carnations in air baggage from Poland, on assorted flowers in air baggage from England and Ireland, on heather in air baggage from England and Scotland, on mimosa flowers in aircargo from France, on pussywillow buds in air baggage from France, and on roses in air baggage from Belgium, England, France, and Germany.

Trogoderma granarium (Dermestidae), the khapra beetle, in bagging in cargo from England and the Netherlands and in stores from Singapore; in beans in stores from

Formosa; in chickpea in stores from Greece; in durum wheat in mail from Iran in flax seed in mail from Afghanistan; in flour in quarters from England; in lentils in stores from Egypt; in peanuts in cargo and quarters from an unknown origin, in quarters from Nigeria(?), and in stores from Singapore; in rice in cargo from Pakistan, in quarters from India, and in stores from Australia, Formosa, India, Japan, and an unknown origin; with residue of titanium oxide in cargo from an unknown origin; and in dry stores from Australia, Formosa, and an unknown origin.

SNAILS

Achatina fulica, the giant African snail, was intercepted twice from Hawaii with baggage and mail.

Bradybaena similis was intercepted 51 times on various flowers and foliage; 45 times from Hawaii, twice each from Bermuda and Brazil, and once each from Cuba and Hong Kong.

Cochlicella barbara with military cargo from Morocco and in soil with fig cuttings in mail from Italy.

Cochlicella ventrosa with military cargo from Morocco and in soil in cargo from Italy.

Euglandina striata was intercepted twice on bananas in cargo from Ecuador.

Theba pisana, the Mediterranean land snail, was intercepted 92 times; 59 from Morocco on general cargo, military cargo, and wooden crates; 10 from France on military cargo, spinach in stores, and wooden crates in aircargo and cargo; 9 from Libya on military cargo; 7 from Italy on air baggage and military cargo; 4 from North Africa on military cargo; once from Cuba on string beans in stores; once from Turkey on military cargo; and once from an unknown origin on general cargo.

Xeroleuca mograbina, a species not previously in the U.S. National Museum collection, on military cargo from Morocco.

Other snails intercepted and worthy of mention were: *Arion circumscriptus*, *Ceciloides acicula*, *C. aperta*, *Deroceus reticulatus*, *Fossaria truncatula*, *Helicella caperata*, *H. itala*, *H. maritima*, *H. neglecta*, *H. pyramidata*, *H. striata*, *H. trochoides*, *Helix figulina*, *Hygromia cinctella*, *Lamellaxis gracilis*, *L. mauritanus*, *Limax marginatus*, *L. maximus*, *Melanoides tuberculata*, *Milax gagates*, *Monacha catiana*, *M. schotti*, *Otala lactea*, *O. vermiculata*, *Oxychilus alliarius*, *O. cellarius*, *Porphyrobaphe isotoma*, *Solaropsis monile*, *Testacella maugei*, and *Zonitoides arboreus*.

DISEASES

The sweet orange scab (*Elsinoe australis*) was intercepted 97 times; 57 came from Brazil on lemon, Mandarin orange, orange, and sweet lime; 38 from Argentina on lemon, Mandarin orange, and orange; and 1 each from Paraguay and an unknown origin on Mandarin orange.

Citrus canker (*Xanthomonas citri*) was intercepted 83 times; 68 came from Japan, 5 from China, 3 each from Hong Kong and India, 2 from Ceylon, and 1 each from the Philippines and an unknown origin. These interceptions were taken from the following hosts: *Citrus* sp., grapefruit, lemon, lime, Mandarin orange, orange, sour lime, and sour orange.

Cancerous B (*Xanthomonas* sp.) was intercepted 11 times; 8 came from Argentina on lemon, 2 from Brazil on lemon, and 1 from Uruguay on lime.

The black spot of citrus (*Phoma citricarpa*; perfect stage—*Guignardia citricarpa* Kiely) was intercepted 230 times; 67 came from the Union of South Africa; 42 from Hong Kong; 33 from Japan; 28 from Australia; 17 from China; 15 from an unknown origin; 10 from Formosa; 3 each from Mozambique, Okinawa, and the Philippines; 2 from Argentina; and 1 each from Africa, Brazil, Eniwetok, Federation of Malaya, India(?), Singapore, and Vietnam(?). These interceptions were taken from the following hosts: *Citrus* sp., grapefruit, lemon, lime, Mandarin orange, orange, and Satsuma orange.

Other disease interceptions of interest were:

Cercospora grandissima on dahlia leaf in aircargo from Argentina.

Cercospora henningsii on cassava leaf in air baggage from Trinidad.

Cercospora pancratii on hymenocallis leaves in baggage from Mexico.

Chrysomyxa ledi var. *rhododendri*, the rhododendron-spruce rust, was intercepted 24 times on rhododendron in air baggage, airmail, baggage, and mail from Austria, Canada, Germany, Switzerland, and an unknown origin.

Cryptocline paradoxa on English ivy 'Baltic' in cargo from the Netherlands.

Macrophoma araucariae on Norfolk-Island-pine seed in cargo from Hawaii.

Nematospora coryli on beans in aircargo from Peru.

Phyllostictina psidiiicola on guava in aircargo from the Philippines.

Puccinia arachidis on peanut in aircargo, airmail, and mail from Paraguay.

Puccinia carthami on safflower leaves in aircargo from Portugal.

Puccinia horiana on chrysanthemum cut flowers in air baggage from Australia.

Puccinia laguri on *Lagurus ovatus* (grass) in cargo from Spain.

Ring spot virus on watermelon in cargo from Mexico.

Sphenospora kevorkianii on *Epidendrum* sp. leaf in air baggage from the Bahamas, and in aircargo from Honduras; on *Ionopsis utricularioides* leaf in air baggage from Jamaica; and on *Oncidium pulchellum* leaf in air baggage from the Dominican Republic.

Uredo oncidii on *Epidendrum* sp.(?) leaf in air baggage from Nicaragua; and on *Oncidium* spp. in aircargo from Costa Rica, in air baggage from El Salvador, in air baggage and aircargo from Guatemala, in air baggage from Honduras, in aircargo and cargo from Mexico, and in aircargo from Venezuela. *U. oncidii*(?) on *Oncidium pusillum* in airmail from the Canal Zone.

Uromyces fabae on lentils in cargo from Chile.

Uromyces trifolii on Persian clover leaf and seed in mail from Iraq.

NEMATODES

The oat nematode (*Heterodera avenae*) was intercepted a total of 18 times from the following countries: Czechoslovakia, Denmark, England, France, Germany, Japan, Netherlands, and Portugal. These interceptions were taken from soil and soil with the following: Amaryllis and kafirlily, automobiles, chrysanthemum, dahlia, gladiolus, orchid, rutabaga turnip, strawberry, and unknown plants.

The golden nematode (*Heterodera rostochiensis*) was intercepted a total of 82 times from: Argentina, Azores, Belgium, Canary Islands, England, France, Germany, Ireland, Mexico, Netherlands, Norway, Peru, Poland, Scotland, Sweden, and an unknown country. These interceptions were taken from soil samples and from soil with Army tanks, new and used automobiles, bulbs, other plant material, and vegetables.

Other nematodes of special interest were:

Anguina tritici on wheat in baggage from Italy.

Criconeimoides informe on unidentified plant in baggage from Mexico.

Gothholdsteineria goodeyi on celery in stores from Norway, in soil with leek in stores from Germany, in soil with carrot in stores from the Netherlands, and in soil with plants in air baggage from Ireland.

Helicotylenchus erythrinae in soil with juniper and mountainash plants in air baggage from Finland.

Helicotylenchus nannus in beet in stores from Ceylon and in soil in air baggage from the American Virgin Islands.

Heterodera humuli(?) in soil with hops in airmail from Yugoslavia.

Heterodera punctata(?) in soil with yam in stores from Japan.

Hoplolaimus proporicus in soil with palm in air baggage from Nicaragua.

Pratylenchus brachyurus in soil with roots of miscellaneous plants in aircargo from British Honduras and in potato tubers in stores from Brazil.

Pratylenchus coffeae in dahlia in mail from the Union of South Africa.

Pratylenchus convallariae in lily-of-the-valley in baggage from England and in cargo from Denmark.

Radopholus similis on India banana in baggage from Hawaii. *R. similis*(?) in soil with miscellaneous plant roots in air baggage from Panama.

Tylenchorhynchus dubius in begonia in air baggage from Belgium, in soil with carrot in stores from the Netherlands, and in soil with miscellaneous plants in air baggage from Italy.

Tylenchorhynchus leptus in soil with tarragon plant in air baggage from France and in soil with juniper and mountainash plants in air baggage from Finland.

Tylenchorhynchus nothus in soil with horseradish in stores from Denmark.

Tylenchus thornei in soil with plant in baggage from Mexico.

Xiphinema americanum in soil with *Beaucarnea* sp. in cargo from Mexico.

The following species of *Meloidogyne* were intercepted from various bulbs, corms, plants, roots, and vegetables: *Meloidogyne arenaria*, *M. arenaria thamesi*, *M. hapla*, *M. incognita*, *M. incognita acrita*, and *M. javanica*. They were intercepted from the following countries: Algeria, Argentina, Australia, Barbados, Brazil, Canada, Canal Zone, Ceylon, Chile, Colombia, Cuba, Czechoslovakia, Dominican Republic, Egypt, England, France, French West Africa, Germany, Guatemala, Honduras, Hong Kong, India, Israel, Italy, Japan, Mexico, Netherlands, New Guinea, New Zealand, Peru, Puerto Rico, Spain, Trinidad, and the Union of South Africa.

INCOMPLETELY DETERMINED PESTS

Specific determinations are sometimes impossible or impracticable due to the stage or condition of the insects or pathogens, or the fact that they are undescribed. Many of these pests may be of economic importance, hitherto unreported from the United States, unknown for the host plant, or unreported from the country of origin. As a matter of record they are included in this separate list, but not in the table. During the fiscal year 1959 there were 2,603 insects and 852 diseases and nematodes, or a total of 3,455 incompletely determined interceptions which are considered to be potential pests.

FRUIT FLIES

There were 181 fruit fly interceptions which were incompletely determined as follows:

Anastrepha sp., possibly *acris* Stone, at Miami, Fla., an adult in an airplane from Central America.

Anastrepha sp., probably *fraterculus* (Wied.), at Miami, Fla., in coffee berries in air baggage from Colombia; and in purple mombin in air baggage from Costa Rica.

Anastrepha sp., possibly *ludens*, at Brownsville, Tex., in orange and sweet lime in baggage from Mexico; at Nogales, Ariz., in orange and mango in baggage from Mexico; and at Tampa, Fla., in orange in air quarters from El Salvador.

Anastrepha sp., possibly *mombinpraeoptans*, at El Paso, Tex., in guava in baggage from Mexico; at Key West, Fla., in mango in air baggage and baggage from Cuba; at Miami, Fla., in mango and purple mombin in air baggage from Cuba, Ecuador, Guatemala, and Nicaragua; at New Orleans, La., in guava in air baggage from Guatemala, and in mango and yellow mombin in air baggage from Venezuela; at New York, N.Y., in mango in air baggage from Jamaica and in baggage from Trinidad; and at San Pedro, Calif., in yellow mombin in air baggage from Nicaragua.

Anastrepha sp., probably *serpentina*, at Brownsville, Tex., in mamey sapote in air baggage from Nicaragua; at El Paso, Tex., in mamey sapote in baggage from Mexico; and at Miami, Fla., in mamey in air baggage from Cuba, and in sapodilla in air baggage from Curacao, N.W.I.

Anastrepha sp., probably *striata*, at El Paso, Tex., in guava from Mexico; at Hoboken, N.J., in guava in cargo from Panama; at Laredo, Tex., in guava in baggage from Mexico; at New Orleans, La., in guava in air baggage from Costa Rica; at Nogales, Ariz., in guava in baggage from Mexico; and at Roma, Tex., in guava in baggage from Mexico.

Anastrepha sp., probably *suspensa*, at Chicago, Ill., in guava in air mail from Puerto Rico; and at San Juan, P.R., in guava in air baggage from the Dominican Republic and preflight inspection of baggage from Puerto Rico.

Anastrepha sp. was intercepted a total of 80 times at the following ports: Arlington, Va., Baltimore, Md., Brownsville, Tex., Charleston, S.C., Eagle Pass, Tex., El Paso, Tex., Galveston, Tex., Hoboken, N.J., Laredo, Tex., Miami, Fla., Mobile, Ala., New Orleans, La., New York, N.Y., Nogales, Ariz., San Juan, P.R., San Pedro, Calif., San Ysidro, Calif., and Tampa, Fla. The hosts were: Apple, cherimoya, coffee berries, grapefruit, guava, lime, loquat, mamey, mamey sapote, mango, *Matisia cordata*, orange, passionflower fruit, peach, pear, plum, pummelo, purple mombin, quince, red mombin, rose-apple, sapodilla, soursop, star-apple, tropical almond, unidentified fruit, and yellow mombin. These interceptions were taken from air baggage, aircargo, air quarters, air stores, baggage, cargo, quarters, and stores from: Brazil, British Honduras, Chile, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, El Salvador, Guatemala, Honduras, Jamaica, Mexico, Nicaragua, Panama, Peru, Puerto Rico, Trinidad, an unknown origin, and Venezuela.

Ceratitis sp., probably *capitata*, at New York, N.Y., in apricot in cargo from the Union of South Africa.

Dacus sp. at Boston, Mass., in cucumber in stores from French West Africa and in white marrow in stores purchased in Aden, probably of Egyptian origin; at Honolulu, Hawaii, in Arabian coffee in preflight inspection of air baggage, in mango in air quarters from the Philippines, and in stores from Borneo, in passionflower fruit in preflight inspection of air baggage, in sour cherry in air stores from Australia, and in Cattley guava and guava in aircargo from the Philippines; and at San Pedro, Calif., in fruit of Solanaceae in baggage from Hawaii.

Neotephritis sp. at Washington, D.C., in escorsionera seed heads in mail from Mexico.

Rhagoletis sp., possibly *cerasi*, at Detroit, Mich., in cherries in air baggage and air quarters from an unknown origin.

Rhagoletis sp. at Brownsville, Eagle Pass, and Laredo, Tex., in apple in baggage from Mexico; at New York, N.Y., in cherry in air stores from an unknown origin; at Nogales, Ariz., in tejocote in baggage from Mexico; at San Antonio, Tex., in apple in aircargo from Mexico; and at Washington, D.C., in *Carthamus glaucus* seed in cargo from Iraq.

Tephritinae at Honolulu, Hawaii, attached to receptacle of chrysanthemum flower in air quarters from Japan.

Twenty-four interceptions identified to family only, Tephritidae, were taken from air quarters, Araceae fruit, avocado, cactus leaf, carnation flower, *Centaurea* sp., chestnut, dried pepper, globe artichoke, green fig and bark of fig cutting, *Ochrosia elliptica*, orange, pear, tomato, and wheat seed. These were found in air baggage, air quarters, baggage, cargo, mail, quarters, and stores from: Argentina, Brazil, Formosa, France, Haiti, Hawaii, Iraq, Italy, Liberia, Mexico, Spain, Trinidad, the Union of South Africa, and an unknown origin.

Tephritis sp. at Washington, D.C., in *Podolepis aristata* seeds in aircargo from Australia. Possibly *Tephritis* or a related genus at Eagle Pass, Tex., on chrysanthemum flower in cargo from Mexico.

INSECTS OTHER THAN FRUIT FLIES

Among the incompletely determined insects of interest, other than fruit flies, were the following:

Agriotes sp., probably *lineatus* (L.) (Elateridae), at Chicago, Ill., in soil with shamrock plant in mail from England.

A new species of aleyrodid, genus near *Aleurodicus*, in the subfamily Aleurodicinae, at Brownsville, Tex., on orchid plants in cargo from Mexico.

Aleuroplatus sp. (Aleyrodidae), undescribed, at Nogales, Ariz., on bougainvillea in baggage from Mexico.

Aleyrodidae, apparently a new genus and new species, at Washington, D.C., on *Citropsis* sp. leaf in mail from the Belgian Congo.

Allochorhynchus sp. (Curculionidae), an interesting weevil, at Brownsville, Tex., on *Dioon edule* in cargo from Mexico.

Blastodacna sp. (Cosmopterygidae) at Hoboken, N.J., on *Crataegus* sp. stem in cargo from the Netherlands.

A mite, *Brevipalpus* n. sp. (Tenuipalpidae) at Jacksonville, Fla., on lemon in stores from Panama.

Byturus sp., probably *tomentosus* (F.) (Byturidae), at New York, N.Y., in raspberries in air baggage from England.

Cladius sp., probably *difformis* (Panz.) (Tenthredinidae), at Chicago, Ill., on rose in airmail from Germany; and at New York, N.Y., on rose in air baggage from England.

Cleonus sp. (Curculionidae) at Houston, Tex., in beet in stores from France; and at New York, N.Y., in beet in stores from Italy.

Curculionidae, genus unknown, at Philadelphia, Pa., in Kola nut in quarters from Sierra Leone.

Diaprepes sp., evidently *famelicus* (Ol.) (Curculionidae), at New York, N.Y., on lily in aircargo from Bermuda.

Dinomachellus sp., near *maculatus* Scudder (Lygaeidae), genus new to U.S. National Museum collection, at Washington, D.C., with Labiatae seed in aircargo from Angola.

Discocephalinae (Pentatomidae), not in U.S. National Museum collection, probably a new genus and new species, at Miami, Fla., on orchid plant in baggage from Guatemala.

Epicaerus sp. (Curculionidae) at Brownsville, Tex., in potato tuber in baggage and stores from Mexico; at Houston, Tex., in potato in stores from Mexico; and at Laredo, Tex., in potato in baggage from Mexico.

Eriosoma sp. (Aphidae) at Honolulu, Hawaii, on apple in cargo from Tasmania and in air stores and stores from Japan; and at New York, N.Y., on apple in baggage from England.

Eulia sp. (Tortricidae) at New York, N.Y., in nectarines, peaches, and plums in cargo from Chile.

Gonipterus sp. (Curculionidae) at New York, N.Y., on protea flowers in aircargo from the Union of South Africa.

A curculionid, probably Gymnaetrinae, a very interesting specimen not in the U.S. National Museum, at New York, N.Y., with apricot in cargo from the Union of South Africa.

Gymnandrosoma sp., near or *aurantianum* da Costa Lima (Olethreutidae), at Houston Tex., in orange in stores from Peru.

Haplothrips sp., near *setiger* Pr. (Phlaeothripidae) at New York, N.Y., on buttercup flowers in aircargo from Israel.

"*Lecanium*" sp. (Coccidae) at Washington, D.C., on Mazzard cherry in airmail from Iran.

Lepidosaphes sp., probably *camelliae* Hoke (Coccidae), at Washington, D.C., on *Camellia sasanqua* 'Asahi-Boton' in airmail from Japan.

Lixus sp. (Curculionidae) at New York, N.Y., in beet in stores from Italy; and at Philadelphia, Pa., in beet in stores from Egypt.

Meranoplus sp. (Formicidae), a species not represented in the U.S. National Museum collection, at Washington, D.C., in moss with unidentified plant in aircargo from Nepal.

Mormidea n. sp. (Pentatomidae) at Laredo, Tex., on bromeliad plant in cargo and orchids in baggage and cargo from Mexico; at New York, N.Y., on orchid plants in aircargo from Cuba; and at San Pedro, Calif., with Orchidaceae shakeout in aircargo from Ecuador.

Psyllidae, probably subfamily Pauropsyllinae, new genus near *Paurocephala* new species, very unusual, at Chicago, Ill., on roses in air quarters from Mexico.

Phenacoccus sp. (Coccidae), not placed as described species. at New York, N.Y., on snowdrop bulbs in cargo from Turkey; and at Washington, D.C., on shore drugsquill bulbs in mail from the Isle of Crete.

Phloeosinus sp., possibly *osumiensis* Muray. (Scolytidae), at Miami, Fla. on "cedar" dunnage from Japan.

Premnotrypes sp. (Curculionidae) at Galveston, Tex., in potato in stores from Peru; at Miami, Fla., in potato in air baggage from Peru; at Mobile, Ala., in potato in stores from Peru; at New Orleans, La., in potato in stores from Ecuador and Peru; and at New York, N.Y., in potato in air baggage from Colombia.

Psylla sp. (Psyllidae) at Chicago, Ill., on pussywillow cuttings in mail from Germany; at Honolulu, Hawaii, on chrysanthemum in baggage from Japan; and at New York, N.Y., on birch leaves and twigs in air baggage from Finland.

Psylliodes sp. (Chrysomelidae) at Boston, Mass., and Galveston, Tex., in turnip in stores from France; and at New York, N.Y., in turnip in stores from Norway.

Pyraustidae, a species not represented by larval stage in the U.S. National Museum collection, at New York, N.Y., on jasmine petals in aircargo from France.

Rhyacionia sp., presumably *duplana* (Hbn.) (Lethreutidae), at Honolulu, Hawaii, on terminal bud of 2-needle pine in air baggage from Japan.

Rhynchites sp. (Curculionidae) at Boston, Mass., in cherry in air stores from France; and at Washington, D.C., in pear in air baggage from the Union of Soviet Socialist Republics.

Rolaspis sp. (Coccidae), does not match any species thus far assigned to the genus, at Dallas, Tex., on leaves and stem of unidentified plant in mail from Southern Rhodesia.

Saissetia sp., closest to *S. exoleta* DeLotto but distinct (Coccidae), at Washington, D.C., on Gabon cherryorange in mail from the Belgian Congo.

Sitona sp. (Curculionidae) at Washington, D.C., on *Medicago* sp. plants with soil in mail from Greece.

Strophosomus sp. (Curculionidae) at Chicago, Ill., in forest litter with cut carnations in air baggage from Germany; and at New York, N.Y., with heather in air baggage from Germany, and with mixed cut flowers in aircargo from England.

Tetraleurodes sp. (Aleyrodidae), undescribed, at Honolulu, Hawaii, on teatree in mail from Australia.

Thrips sp. (Thripidae), not familiar species, at Chicago, Ill., on cut lilac in air quarters from Germany.

DISEASES

Incompletely determined pathogens worthy of mention were:

Ceratocystis sp. at New York, N.Y., on *Manihot* sp. twigs in air baggage from Trinidad.

Cercospora sp. at Philadelphia, Pa., on *Chamaedorea* sp. leaf in aircargo from Mexico.

Corynespora sp., probably *cassiicola* (Berk. & Curt.) Wei, at Brownsville, Tex., on tuftroot stems in cargo from Mexico.

Elsinoe sp. at Washington, D.C. on *Rhynchosia* sp. seed pods in aircargo from Panama. As far as is known, this is unreported on this host.

Hendersonia sp. at Laredo, Tex., on *Euphorbia* sp. stem in baggage from Mexico. None has been reported on this host as far as is known.

Nectria sp. at Nogales, Ariz., on yucca leaves in baggage from Mexico.

Phyllosticta sp. at Hoboken, N.J., on pachysandra leaf in cargo from England; and at New York, N.Y., on red escallonia leaf in aircargo from Brazil.

Phyllostictina sp. at Brownsville, Tex., on tuftroot in cargo from Mexico; and at Laredo, Tex., on *Beaucarnea* sp. in cargo from Mexico.

Placosphaeria sp. at New York, N.Y., on common screwpine seed in aircargo from Bermuda.

Septoria sp. at Honolulu, Hawaii, on lily bloom stalks in air baggage from Japan.

Sphenospora sp., probably *kevorkianii* Linder, at Miami, Fla., on *Epidendrum* sp. leaf in aircargo from the Canal Zone, and on *Oncidium variegatum* leaf in air baggage from the Dominican Republic.

Sphenospora sp., probably *mera* Cummins, at Laredo, Tex., on *Odontoglossum* sp. in mail from Mexico.

Sphenospora sp. at Laredo, Tex., on *Odontoglossum* sp. in baggage from Mexico; and at Miami, Fla., on *Oncidium pusillum* leaf in airmail from the Canal Zone.

Uredo n. sp. at Laredo, Tex., on *Ornithocephalus bicornis* in cargo from Mexico.

NEMATODES

Aphelenchoides sp., probably *besseyi* Christie, at Miami, Fla., on oncidium leaf in aircargo from El Salvador.

Aphelenchoides sp. at Baltimore, Md., in soil with carrot root in stores from the Netherlands; at Boston, Mass., in soil with bulbs and plants in air baggage from the Azores, in soil with carrots in stores from Argentina and in soil with sedum plants in air baggage from France; at El Paso, Tex., in amaryllis bulbs in baggage from Mexico; at Hoboken, N.J., in *Bletilla hyacinthina* stem sheath in cargo from the Netherlands, in dahlia roots in mail from France and Germany and in cargo from Japan, and in *Heuchera* 'Ibis' leaves and stems in cargo from the Netherlands; at New York, N.Y., in soil in aircargo from Germany; at Nogales, Ariz., in violet plants in baggage from Mexico; at Norfolk, Va., in rice straw rugs in cargo from Japan; and at San Ysidro, Calif., in *Limonium* sp. roots and in soil about mint plants in baggage from Mexico.

Aphelenchus sp. at Baltimore, Md., in celery root in stores from France; at Buffalo, N.Y., in soil in baggage from Canada; at El Paso, Tex., in soil with cactus plants in baggage from Mexico; at Miami, Fla., in soil on roots of arrowroot plant in baggage from Cuba; and at Nogales, Ariz., in soil with tuberose bulbs in baggage from Mexico.

Criconema n. sp. at Nogales, Ariz., in soil with tuberose bulbs in baggage from Mexico.

Criconema sp. at Laredo, Tex., in soil with gardenia plants in baggage from Mexico.

Criconemoides n. sp. at Laredo, Tex., in soil with gardenia plants in baggage from Mexico.

Criconemoides sp. at Laredo, Tex., in soil with bromeliad plants in cargo from Mexico; at Miami, Fla., in soil on roots of *Pilea* sp. (?) in air baggage from Guatemala; at Tampa, Fla., in soil in air baggage from Cuba; and at Ysleta, Tex., in soil with viburnum plants in baggage from Mexico.

Ditylenchus sp., probably *destructor*, at Hoboken, N.J., in dahlia roots in mail from France, and in tigerflower bulbs in mail from the Netherlands.

Ditylenchus sp., undescribed, at New York, N.Y., in lily-of-the-valley pips in cargo from Denmark.

Ditylenchus sp. at El Paso, Tex. in soil with Liliaceae plants in baggage from Mexico; at Hoboken, N.J., in dahlia roots in mail from Germany, and in narcissus bulbs in mail from Denmark; at New York, N.Y., in lily-of-the-valley pips in cargo from Denmark; at Nogales, Ariz., in garlic in cargo from Mexico; and at San Pedro, Calif., in narcissus bulbs in cargo from Japan.

Gotholdsteineria sp. at Baltimore, Md., in soil with carrot and turnip roots in stores from the Netherlands, and in soil with turnip roots in stores from England; at Boston, Mass., in dahlia roots in air baggage from Canada, and in soil with tarragon plant in air baggage from France; and at El Paso, Tex., in soil with unidentified plant in baggage from Mexico.

Helicotylenchus sp., undescribed, at Miami, Fla., in soil with miscellaneous plants in aircargo from British Honduras.

Helicotylenchus sp. at Boston, Mass., in soil with bulbs, dahlia roots, and unidentified plants in air baggage from Portugal, in soil with *Echeveria* sp. plants in air baggage from Albania, in soil with rubber tree plant in quarters from the Union of South Africa, and in soil with sansevieria plants in quarters from French Equatorial Africa; at Eagle Pass, Tex., in soil with begonia, caladium, and other plants in baggage from Mexico; at El Paso, Tex., in soil with plant in baggage from Mexico; at Laredo, Tex., with anthurium roots in baggage from Mexico, with roots of unidentified grass in mail from

Mexico, in soil sample and in soil with agave, begonia, bougainvillea, codiaeum, fern, heliconia, hibiscus, jasmine, Liliaceae, philodendron, and unidentified plants, avocado and mango seedlings, and narcissus bulbs in baggage from Mexico, and in soil with *Beaucarnea* sp. and bromeliad plants in cargo from Mexico; at Miami, Fla., in soil on breadfruit roots in aircargo from Cuba, in soil on orchid roots in air baggage from Brazil, and in soil with miscellaneous plants in air baggage from Bolivia and Panama; and at Nogales, Ariz., in soil with asparagus fern in baggage from Mexico.

Heterodera sp., probably *avenae*, at Port Everglades, Fla., in soil on new automobiles in cargo from France.

Heterodera sp., probably *punctata*, at Miami, Fla., in soil with automobile in cargo from Germany.

Heterodera rostochiensis group, may be *H. tabacum* Lownsbery and Lownsbery, at El Paso, Tex., in soil with begonia plant in baggage from Mexico.

Heterodera sp., probably *trifolii* (Goffart) Oostenbrink, at Mobile, Ala., in soil on automobiles in cargo from Germany.

Heterodera sp., probably *weissi* Steiner, at Wilmington, N.C., in soil with used bagging in cargo from Canada.

Heterodera sp. was intercepted 263 times at 27 ports from the following locations: Argentina, Azores, Belgium, Canada, Chile, Czechoslovakia, Denmark, Egypt, England, Europe (country(?)), France, Germany, Greece, Hawaii, Hong Kong, Indonesia, Ireland, Italy, Japan, Lebanon, Mexico, Morocco, Netherlands, New Zealand, Peru, Poland, Portugal, Rumania, Scotland, Spain, Sweden, Turkey, Union of South Africa, an unknown origin, Uruguay, and Yugoslavia. These interceptions were taken from sand ballast, soil as such, and soil with the following: Army vehicles, canned ham cases, clubmoss, conex boxes, cut flowers, earth-moving equipment, ferns, gladiolus corms, lily-of-the-valley pips, miscellaneous bulbs, cuttings, plants, roots, and tubers, new and used automobiles, old bagging, shoes, sod, truffles, and vegetables.

Hoplolaimus sp., an undescribed species, might be considered a new genus, at Laredo, Tex., in soil with cuttings of various plants in baggage from Mexico.

Meloidogyne sp., probably *hapla*, at New York, N.Y., in *Pyrethrum* sp. roots in aircargo from Scotland.

Meloidogyne sp., close to *incognita acrita*, possibly a new species, at Miami, Fla., with heliconia root in air baggage from Cuba.

Meloidogyne sp. at Boston, Mass., with miscellaneous plants in air baggage from Bermuda, in soil with fig plant in air baggage from Italy; at Eagle Pass, Tex., with begonia and other potted plants in baggage from Mexico; at Hoboken, N.J., in achimenes tubers in mail from India, in African violet roots in baggage from Brazil, in *Anemone hepatica* roots in mail from England, in *Artemisia* sp. roots in mail from Germany, in astilbe roots in cargo from the Netherlands; in begonia cuttings in mail from France and in begonia roots and stems in mail from England, in caladium in cargo from Guatemala, in calla lily in cargo from France and Italy, in clematis in cargo from the Netherlands and in mail from England, in *Colocasia* sp. tuber in mail from St. Kitts, in dahlia in mail from Australia, in periwinkle roots in mail from Canada, in *Thalictrum dipterocarpum* 'Hewitt's Double' in cargo from the Netherlands, and in *Thomsonia nepalensis* tubers in cargo from India; at Laredo, Tex., in banana roots and in caladium in cargo from Mexico; at Miami, Fla., in soil on roots of arrowroot plant in baggage from Cuba; at New Orleans, La., in sweetpotato in stores from Peru; and at San Pedro, Calif., in roots of an unidentified plant in air baggage from Costa Rica.

Paraphelenchus sp. at San Diego, Calif., in garlic bulb in stores from Japan.

Pratylenchus sp., probably *penetrans*, at New York, N.Y., in *Aconitum napellus* roots in aircargo from the Netherlands.

Pratylenchus sp., near *penetrans*, at New York, N.Y., in clematis and *Helleborus odoratus* roots in aircargo from the Netherlands.

Pratylenchus sp., undescribed, at New York, N.Y., in yam tubers in baggage from Trinidad.

Pratylenchus sp. at Boston, Mass., in soil with *Colocasia* sp. tubers in air baggage from the Azores; at Laredo, Tex., in soil with miscellaneous plants in baggage from Mexico; at Hoboken, N.J., in anthurium roots in mail from Barbados, in clematis in cargo from the Netherlands, in dahlia in cargo from Japan and in mail from Germany, in bleedingheart in cargo from the Netherlands, in iris in cargo from Japan and in mail from England and the Netherlands, and in torchlily in cargo from the Netherlands; at New York, N.Y., in aconitum, broom, clematis, *Helleborus* sp., and larkspur roots in aircargo from the Netherlands, in *Pulmonaria* sp. roots in aircargo from England, in soil with malanga tuber in cargo from Cyprus, and in yam root in air baggage from Jamaica; and at Tampa, Fla., in soil in air baggage from Cuba.

Psilenchus sp., at El Paso, Tex., in soil with Liliaceae and unidentified plants in baggage from Mexico; and at Nogales, Ariz., in soil with asparagus fern and tuberose bulbs in baggage from Mexico.

Rotylenchulus sp. at San Diego, Calif., in soil with codiaeum in baggage from Nicaragua.

Rotylenchus n. sp. at Boston, Mass., in soil with seed potatoes in air baggage from Scotland.

Rotylenchus sp. at Boston, Mass., in soil with lily-of-the-valley plants in air baggage from England, and in soil with sedum plant in air baggage from Spain.

Scutellonema sp. at Boston, Mass., in soil with amaryllis, "bay" trees, begonias, and gladiolus corms in air baggage from the Azores.

Tylenchorhynchus sp., near *capitatus*, at Brownsville, Tex., in soil with palm plant in baggage from Mexico.

Tylenchorhynchus sp. at Baltimore, Md., in soil with turnip root in stores from England; at Boston, Mass., in sod in mail from Canada, in soil with unidentified roots in air baggage from an unknown origin, and in soil with strawberry plants in air baggage from France; at El Paso, Tex., in soil with begonia plant in baggage from Mexico; at Laredo, Tex., in soil with agave plants, avocado seedling, bougainvillea plants, jasmine, and unidentified plants in baggage from Mexico; and at Norfolk, Va., in rice straw rugs in cargo from Japan.

Tylenchus sp. at Boston, Mass., in aubrieta plants in air baggage from England; at El Paso, Tex., in soil with unidentified plants in baggage from Mexico; at Laredo, Tex., in soil with tractor in cargo from Mexico; at Miami, Fla., in soil with unidentified plants in air baggage from Cuba; at New York, N.Y., in soil in aircargo from Germany; at San Pedro, Calif., in lily-of-the-valley in cargo from Denmark; and at Ysleta, Tex., in soil with unidentified plant in baggage from Mexico.

Xiphinema sp. at Boston, Mass., in ginger root in baggage from Liberia and in soil with sedum plant in air baggage from Spain; at Laredo, Tex., in soil sample and in soil with avocado seedling, begonia, jasmine, and unidentified plants in baggage from Mexico; and at San Juan, P.R., in soil with citrus roots in preflight inspection of air baggage.

Summary of Numbers of Interceptions Listed in Main Table

Country	Insect	Disease	Country	Insect	Disease
	Number	Number		Number	Number
Africa:			Australasia—Continued		
Africa (country(?))	0	2	Palmyra Island	1	0
Algeria	1	1	Palmyra Island(?)	1	0
Belgian Congo	2	0	Philippines	40	9
Canary Islands	1	1	South Pacific	7	0
Cape Verde Islands	1	0	Tahiti	4	0
East Africa (country(?))	1	0	Wake Island	1	0
Egypt	15	1	West Pacific	2	0
French West Africa	1	3	Europe:		
Kenya	4	0	Austria	1	7
Liberia	4	0	Azores	7	4
Libya	11	0	Belgium	18	8
Morocco	73	0	Czechoslovakia	1	9
Morocco(?)	2	0	Denmark	3	7
Mozambique	0	4	England	114	63
Nigeria	1	0	Europe (country(?))	4	1
Nigeria(?)	1	0	Finland	4	2
North Africa (country(?))	4	0	France	66	20
Sierra Leone	1	0	Germany	41	57
Tanganyika	0	1	Germany(?)	1	0
Tunisia	3	0	Great Britain (country(?))	2	0
Union of South Africa	55	83	Greece	32	1
Asia:			Hungary	1	0
Afghanistan	2	1	Ireland	155	6
Burma	1	0	Italy	344	29
Ceylon	2	5	Luxembourg	1	0
China	7	23	Malta	6	0
Cyprus	1	1	Netherlands	61	48
Federation of Malaya	4	2	Northern Ireland	2	0
Formosa	23	14	Norway	3	2
Hong Kong	10	55	Poland	12	1
India	12	9	Portugal	34	2
India(?)	0	1	Rumania	1	0
Indonesia	1	0	Scotland	18	9
Iran	4	0	Spain	41	8
Iraq	2	1	Sweden	13	5
Israel	7	2	Switzerland	8	15
Japan	449	481	Union of Soviet Socialist Republics	1	1
Japan(?)	6	0	Yugoslavia	4	2
Jordan	1	0	North America:		
Lebanon	3	2	Bermuda	25	0
Nepal	2	0	Canada	4	9
Pakistan	2	0	Central America:		
Singapore	5	1	British Honduras	8	3
Syria	1	0	Canal Zone	32	5
Thailand	1	0	Central America (country(?))	1	0
Turkey	5	1	Costa Rica	40	9
Turkey(?)	2	0	El Salvador	33	1
Vietnam	4	0	Guatemala	36	9
Vietnam(?)	0	1	Honduras	18	4
Australasia:			Nicaragua	17	2
American Samoa	2	0	Panama	40	3
Australia	48	62	Iceland	1	0
Borneo	1	0	Mexico	499	302
British Samoa	0	19	West Indies:		
Canton Island	1	0	American Virgin Islands	1	1
Christmas Island	1	0	Anguilla	2	0
Eniwetok	3	1	Antigua	5	0
Fiji Islands	12	0	Aruba	1	0
Guam	10	1	Bahamas	14	4
Guam(?)	4	0	Barbados	12	1
Hawaii	436	5	British West Indies (island(?))	13	0
Hawaii(?)	0	1	Cuba	105	13
Kwajalein	4	0	Curacao	1	1
Kwajalein(?)	1	0	Dominican Republic	33	3
Mariana Islands	1	0	Haiti	20	3
Midway Islands	1	0	Jamaica	49	6
Midway Islands(?)	2	0	Puerto Rico	53	6
Netherlands East Indies	1	0	St. Kitts	5	0
New Caledonia	2	0	Tortola	6	0
New Guinea	0	1	Trinidad	29	5
New Zealand	0	2			
Norfolk Island	0	4			
Okinawa	5	4			

Summary of Numbers of Interceptions Listed in Main Table—Continued

Country	Insect	Disease	Country	Insect	Disease
	Number	Number		Number	Number
South America:			Totals:		
Argentina.....	13	62	Africa.....	181	96
Argentina(?).....	0	1	Asia.....	557	600
Bolivia.....	1	1	Australasia.....	591	109
Brazil.....	60	70	Europe.....	999	307
British Guiana.....	5	1	North America.....	1,103	390
Chile.....	34	10	South America.....	234	169
Colombia.....	14	1	Unknown.....	38	21
Ecuador.....	79	10			
Paraguay.....	0	5	Total.....	3,703	1,692
Peru.....	8	6	Total incompletely deter-		
South America (country(?)).....	1	0	mined pests.....	2,603	852
Surinam.....	3	0			
Uruguay.....	0	1	Total insect interceptions.....	6,306	-----
Venezuela.....	15	1	Total disease interceptions.....	-----	2,544
Venezuela(?).....	1	0	Grand total*.....	-----	8,850

* This total represents only pests of known or potential plant quarantine importance or certain organisms of scientific significance. The total of all interceptions made during the year was 25,296.

NOTE.—Interceptions were also made from Albania, Angola, Cameroons, Crete, Ethiopia, Federation of Rhodesia and Nyasaland, French Equatorial Africa, Ghana, Greenland, Korea, Lithuania, Montserrat, St. Lucia, St. Vincent, and Saudi Arabia.

Pests Collected and Reported From July 1, 1958, Through June 30, 1959

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Acalymma trivittata</i> (Mann.) (Chrysomelidae):					
<i>Bromelia</i> sp.....	Mexico.....			1	Tex.
<i>Chrysanthemum</i> sp.....	do.....	1			Calif.
<i>Acalypta parvula</i> (Fallén) (Tingidae):					
<i>Calluna vulgaris</i> (heather).....	Ireland.....			1	Mass.
<i>Acanthoscelides biazae</i> (Drapiez) (Bruchidae):					
<i>Biza orellana</i>	Brazil.....	1			Calif.*
<i>Acanthosoma haemorrhoidale</i> (L.) (Pentatomidae):					
<i>Arbutus</i> sp. (maдрone).....	Ireland.....			1	N.Y.
<i>Rhododendron</i> sp.....	England.....	1			N.Y.
<i>Aceria marochelus</i> (Nal.) (Eriophyidae):					
<i>Acer</i> sp. (maple).....	France.....		2		Mass.
<i>Aceria macrorhynchus</i> (Nal.) (Eriophyidae):					
<i>Acer</i> sp. (maple).....	do.....		1		Mass.
<i>Aceria tulipae</i> (Keif.) (Eriophyidae):					
<i>Allium cepa</i> (onion).....	do.....	1			Tex.
<i>Achatina achatina</i> (L.) (Achatinidae):					
Cargo—general.....	Liberia.....	1			N.Y.
<i>Achatina fulica</i> Fer. (Achatinidae):					
Baggage.....	Hawaii.....	1			Calif.*
Mail parcel.....	do.....	1			Hawaii.
<i>Aconophora sinanjenis</i> Fowl. (Membracidae):					
<i>Carica papaya</i> (papaya).....	Mexico.....	1			Tex.
<i>Acrolepta assectella</i> (Zell.) (Hyponomeutidae):					
<i>Allium porrum</i> (leek).....	France, Italy, Netherlands, Portugal.....		5		Pa., S.C.
<i>Adelphocoris lineolatus</i> (Goeze) (Miridae):					
Airplane.....	Unknown.....		1		N.J.
<i>Adozophyes orana</i> (F. R.) (Tortricidae):					
<i>Malus sylvestris</i> (apple).....	Germany.....	1			N.Y.
<i>Syringa</i> sp. (lilac).....	Netherlands.....	3			N.Y.
<i>Aeneolamia varia</i> (F.) (Cercopidae):					
Airplane.....	Trinidad.....		2		P.R.
<i>Aeneolamia varia saccharina</i> (Dist.) (Cercopidae):					
Airplane.....	British West Indies (island(?)), Jamaica, Trinidad.....		15		P.R.

Pests Collected and Reported From July 1, 1958, Through June 30, 1959—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Aeolothrips tenuicornis</i> Bagn.(?) (Aeolothripidae):					
<i>Ranunculus</i> sp. (buttercup)	Israel	1			N.Y.
<i>Aethus indicus</i> (Westw.) (Cydnidae):					
Airplane	Japan		1		Hawaii.
<i>Aganactes indecora</i> Dyar (Galleriidae):					
<i>Cassia fistula</i> (goldenshower senna)	Haiti	1			Fla.
<i>Agonoxena pyrogramma</i> Meyr. (Agonoxenidae):					
<i>Cocos nucifera</i> (coconut)	Guam	1			Hawaii.
<i>Agrostothrips guillarmodi</i> Hood (Thripidae):					
<i>Anthistiria triandra</i>	Union of South Africa			1	D.C.
<i>Chrysopogon montanus</i>	do.			1	D.C.
<i>Harpechloa capensis</i>	do.			1	D.C.
<i>Hyparrhenia hirta</i>	do.			1	D.C.
<i>Panicum deustum</i>	do.			1	D.C.
<i>Alcidodes dentipes</i> (Ol.) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)	Sierra Leone		1		Pa.
<i>Aleurocanthus spiniferus</i> (Q.) (Aleyrodidae):					
<i>Psidium</i> sp.	Philippines	1			Hawaii.
<i>Aleurocanthus woglumi</i> Ashby (Aleyrodidae):					
<i>Citrus limon</i> (lemon)	Mexico	1			Ill.
<i>C. sinensis</i> (orange)	do.	1			Ariz.
<i>Citrus</i> sp.	Jamaica, Mexico	7			Mass., Tex.
<i>Psidium guajava</i> (guava)	Mexico	1			Ariz.
<i>Aleuroglandulus emmae</i> Rsl. (Aleyrodidae):					
Orchid	do.			3	Calif.,* Tex.
<i>Aleuroparadozus gardeniae</i> Rsl. (Aleyrodidae):					
<i>Coffea</i> sp. (coffee)	do.			1	Ariz.
<i>Aleuroplatus variegatus</i> Q. & B.(?) (Aleyrodidae):					
Palm	do.	1			Tex.
<i>Aleurothrixus floccosus</i> (Mask.) (Aleyrodidae):					
<i>Citrus sinensis</i> (orange)	Brazil		1		Tex.
<i>Aleurotuberculatus jasmini</i> Takah. (Aleyrodidae):					
<i>Jasminum</i> sp. (jasmine)	Philippines			1	Wash.
<i>Althos graptosternus</i> Stal (Coreidae):					
Orchid	Ecuador			1	Calif.*
<i>Althos obscurus</i> (F.) (Coreidae):					
<i>Bromelia</i> sp.	Mexico			1	Tex.
<i>Bromeliad</i>	do.			1	Tex.
<i>Anacentrinus insularis</i> Buch. (Curculionidae):					
<i>Saccharum officinarum</i> (sugarcane)	Cuba	1			Fla.
<i>Anastrepha ludens</i> (Loew) (Tephritidae):					
<i>Calocarpum sapota</i> (sapote)	Mexico	3			Calif., Tex.
<i>Citrus aurantifolia</i> (sweet lime)	Guatemala, Mexico	12			Ariz., La., Tex.
<i>C. limon</i> var. <i>ponderosa</i> (ponderosa lemon)	Mexico	1			Tex.
<i>C. paradisi</i> (grapefruit)	do.	10			Ariz., La., Tex.
<i>C. sinensis</i> (orange)	do.	48	5		Ariz., La., Tex.
<i>Cydonia oblonga</i> (quince)	do.	1			Tex.
<i>Mangifera indica</i> (mango)	Guatemala, Mexico	61			Ariz., Calif., Calif.,* Ill., La., Tex.
<i>Prunus persica</i> (peach)	Mexico	4			Ariz., Tex.
<i>Punica granatum</i> (pomegranate)	do.	1			Tex.
<i>Pyrus communis</i> (pear)	do.	7			Tex.
<i>Anastrepha mombinpraecoptans</i> Seín (Tephritidae):					
<i>Mangifera indica</i> (mango)	American Virgin Islands, Colombia, Costa Rica, Cuba, Dominican Republic, El Salvador, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico, Trinidad.	76	9		Calif., Calif.,* Fla., La., N.J., N.Y., Pa., P.R., S.C., Tex.

Pests Collected and Reported From July 1, 1958, Through June 30, 1959—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Anastrepha mombinpraeoptans</i> Sehn (Tephritidae)—Con.					
<i>Psidium guajava</i> (guava)	Puerto Rico	1			N.Y.
<i>Spondias cytherea</i> (vi-apple)	El Salvador	1			Fla.
<i>S. mombin</i> (yellow mombin)	Central America (country(?)), Costa Rica, El Salvador, Guatemala, Nicaragua	10	1		Calif.,* I.a.
<i>S. purpurea</i> (purple mombin)	Cuba, El Salvador, Guatemala, Mexico, Nicaragua	10			Calif., Fla., La., Tex.
<i>Spondias</i> sp.	Cuba	1			N.Y.
<i>Terminalia catappa</i> (tropical almond)	Jamaica	1			Fla.
<i>Anastrepha serpentina</i> (Wied.) (Tephritidae):					
<i>Achras zapota</i> (sapodilla)	Guatemala	2			Calif.*
<i>Anastrepha striata</i> Schin. (Tephritidae):					
<i>Psidium guajava</i> (guava)	Mexico	2			Ariz., Tex.
<i>Anastrepha striata</i> Schin.(?) (Tephritidae):					
<i>Psidium guajava</i> (guava)	El Salvador, Mexico	2			Ariz., Calif.*
<i>Anastrepha suspensa</i> (Loew) (Tephritidae):					
<i>Psidium guajava</i> (guava)	Cuba, Puerto Rico	6			Fla., Ill., P.R.
<i>Ancylostoma stercorea</i> (Zell.) (Phycitidae):					
"Bean"	Panama	2			Fla.
<i>Cajanus cajan</i> (pigeonpea)	Bahamas, Dominican Republic, Haiti, Jamaica, Panama, Puerto Rico, St. Kitts, Tortola, Trinidad	32	4		Fla., N.C., N.Y., P.R., St. Thomas & St. John.
<i>Phaseolus lunatus macrocarpus</i> (lima bean)	Bahamas	1			Fla.
<i>Andrector atrofasciata</i> (Jac.) (Chrysomelidae):					
<i>Lactuca sativa</i> (lettuce)	Unknown		1		S.C.
<i>Anisobasis marginalis</i> (Dohrn) (Labiduridae):					
Sphagnum moss (packing with plants)	Japan			1	N.J.
<i>Anthonomus albolineatus</i> Champ. (Curculionidae):					
Orchid	Mexico			2	Tex.
<i>Anthonomus rectirostris</i> (L.) (Curculionidae):					
<i>Prunus</i> sp. (cherry)	Germany	1			Mich.
<i>Antonina bambusae</i> (Mask.) (Coccidae):					
Bamboo	Hawaii			2	Hawaii.
<i>Anuraphis cardui</i> (L.) (Aphidae):					
<i>Cynara scolymus</i> (artichoke)	France, Italy	4	1		N.Y.
<i>Anuraphis tulipae</i> (Fonse.) (Aphidae):					
<i>Iris</i> sp.	England			2	N.J.
<i>Tulipa</i> sp.	Netherlands			4	N.J., N.Y., Tex.
<i>Aonidiella citrina</i> (Coq.) (Coccidae):					
<i>Citrus reticulata</i> (Mandarin orange)	Japan	1			Hawaii.
<i>C. sinensis</i> (orange)	Japan, unknown	1	2		Calif.*
<i>Citrus</i> sp.	Australia, Japan		2		Hawaii.
<i>Aonidiella inornata</i> McKenzie (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Guam	2	1		Calif.*
<i>Cycas revoluta</i>	Japan	1			Hawaii.
<i>Masdevallia</i> sp. (orchid)	Ecuador		1		Calif.*
Palm	Japan	1			Hawaii.
<i>Apion carduorum</i> Kirby (Curculionidae):					
<i>Cynara scolymus</i> (artichoke)	Italy	4			N.Y.
<i>Araecerus levipennis</i> Jord. (Anthribidae):					
<i>Leucaena glauca</i>	Hawaii	5			Hawaii.
<i>Arion ater</i> (L.) (Arionidae):					
<i>Dianthus caryophyllus</i> (carnation)	England		1		N.Y.
<i>Juglans regia</i> (English walnut)	France		1		D.C.
Soil with miscellaneous plants	Ireland		1		Mass.

Pests Collected and Reported From July 1, 1958, Through June 30, 1959—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Arion circumscriptus</i> Johnston (Arionidae):					
<i>Brassica oleracea capitata</i> (cabbage)	France		1		St. Thomas & St. John
<i>Dianthus caryophyllus</i> (carnation)	England			1	N.Y.
<i>Paeonia</i> sp. (peony)	Belgium			1	N.Y.
<i>Trifolium repens</i> var. (shamrock)	Ireland	1			N.Y.
<i>Tulipa</i> sp. (tulip)	Netherlands	1			N.Y.
<i>Arion hortensis</i> Fer. (Arionidae):					
<i>Apium graveolens</i> (celery)	Netherlands		1		Pa.
<i>Brassica oleracea capitata</i> (cabbage)	do.		1		Pa.
<i>Juglans regia</i> (English walnut)	France			1	D.C.
<i>Lactuca sativa</i> (lettuce)	Ireland		1		Mass.
Roots of unknown plant	Unknown			1	N.Y.
Soil with <i>Leontopodium</i> sp. (edelweiss)	Germany			1	Mich.
Soil with plants	Netherlands			1	N.Y.
<i>Viola</i> sp. (violet)	France	1			N.Y.
<i>Aspidaphium cuspidati</i> Stroyan (?) (Aphidae):					
With <i>Frazinus</i> sp. (ash)	Germany			1	D.C.
<i>Aspidiotus britannicus</i> Newst. (Coccidae):					
<i>Buzus</i> sp. (boxwood)	Portugal		1		Mass.
<i>Aspidiotus degeneratus</i> (Leon) (Coccidae):					
<i>Camellia japonica</i> (camellia)	Japan			1	N.J.
<i>Laurus nobilis</i> (Grecian laurel)	Italy			1	Mass.
<i>Laurus</i> sp.	Japan		1		Fla.
<i>Aspidiotus destructor</i> Sign. (Coccidae):					
<i>Artocarpus communis</i> (breadfruit)	British Guiana			1	Fla.
<i>Cocos nucifera</i> (coconut)	Bahamas, Tahiti	2			Fla., Hawaii.*
Orchid	Kenya			1	Fla.
Palm	Honduras			1	Fla.
<i>Roystonea regia</i> (royal palm)	Cuba			1	Fla.
<i>Terminalia catappa</i> (tropical almond)	Jamaica			1	Fla.
<i>Aspidiotus diffinis</i> Newst. (Coccidae):					
<i>Theobroma cacao</i> (cacao)	Ecuador			1	D.C.
<i>Aspidiotus excisus</i> Green (Coccidae):					
<i>Chlorophytum</i> sp.	Philippines			1	Hawaii.
<i>Aspidiotus hedericola</i> Ldgr. (Coccidae):					
<i>Hedera</i> sp. (ivy)	Turkey			1	Mass.
<i>Aspidiotus herculeanus</i> Ckll. & Hadden (Coccidae):					
Bark	Cuba	1			Fla.
<i>Spondias mombin</i> (yellow mombin)	Nicaragua	1			Calif.*
<i>Aspidiotus palmarum</i> Ckll. (Coccidae):					
<i>Chlorophytum</i> sp.	Philippines			1	Hawaii.
<i>Hedera</i> sp. (?)	Costa Rica			1	Fla.
<i>Asterobemisia carpinis</i> (Koch) (Aleyrodidae):					
<i>Rubus</i> sp.	France		1		Mass.
<i>Asterolecanium bambusae</i> (Bdv.) (Coccidae):					
Bamboo	Hawaii	1			Hawaii.
<i>Asterolecanium epidendri</i> (Bouché) (Coccidae):					
<i>Brassia verrucosa</i> (orchid)	Costa Rica			1	Calif.*
<i>Broughtonia</i> sp. (orchid)	Jamaica			2	Fla.
<i>Bulbophyllum rothschildianum</i> (orchid)	Costa Rica			2	Hawaii.*
<i>Cattleya</i> sp. (orchid)	Brazil, Costa Rica			3	Fla.
<i>Coelogyne</i> sp. (orchid)	Costa Rica			1	Fla.
<i>Epidendrum brassavolae</i> (orchid)	do.			1	Fla.
<i>Epidendrum</i> sp.	Bahamas, Cuba			2	Fla.
<i>Oncidium hyphaemanticum</i> (orchid)	Ecuador			1	Fla.
<i>Oncidium</i> sp.	Jamaica			1	Fla.
Orchid	Bolivia, Brazil, Costa Rica, Ecuador, Guatemala, Jamaica, Mexico.			10	Calif.* Fla., P.R., Tex.
<i>Vanda</i> sp. (orchid)	Jamaica			1	Fla.
<i>Aulacaspis latissima</i> (Ckll.) (Coccidae):					
<i>Rosa wichuraiana</i>	Japan			1	D.C.
<i>Aulacaspis mangiferae</i> (Newst.) (Coccidae):					
<i>Mangifera indica</i> (mango)	El Salvador, Panama	5			Calif.*
<i>Baris lepidii</i> Germ. (Curculionidae):					
<i>Armoracia rusticana</i> (horseradish)	Poland		1		N.C.

Pests Collected and Reported From July 1, 1958, Through June 30, 1959—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Batrachedra linaria</i> Clarke (Cosmopterygidae): Agave sp.	Mexico	—	—	1	Calif.
<i>Bephrata maculicollis</i> Cam. (Eurytomidae): Annona muricata (sour sop)	Venezuela	1	—	—	Fla.
<i>Blissus diplopterus</i> Dist. (Lygaeidae): Ornithogalum thyrsoides (Cape chinkerichiee)	Union of South Africa	1	—	—	N.Y.
Prunus armeniaca (apricot)	do	2	—	—	N.Y.
<i>Brachycerus albidentatus</i> Gyll. (Curculionidae): Allium sativum (garlic)	Italy	1	—	—	N.Y.
<i>Brachycerus alirius</i> (F.) (Curculionidae): Allium sativum (garlic)	do	4	—	—	N.Y.
<i>Brachystethus rubromaculatus</i> Dallas (Pentatomidae): Orchid	British Honduras	—	—	1	Fla.
<i>Bradybaena similis</i> (Fer.) (Bradybaenidae): Allium sp.	Hawaii	1	—	—	Hawaii.
Anthurium sp.	do	7	—	—	Hawaii.
Brassica rapa (turnip)	Brazil	—	1	—	P.R.
Codiaeum sp. (codiaeum)	Hawaii	1	—	—	Hawaii.
Cordylone terminalis (ti)	do	3	—	—	Hawaii.
Flowers and foliage	do	2	—	—	Hawaii.
Foliage	do	1	—	—	Hawaii.
Heliconia sp.	do	2	—	—	Hawaii.
Herbs	Cuba	1	—	—	Fla.
Lilium sp. (lily)	Bermuda	1	—	—	N.Y.
Musa paradisiaca sapientum (banana)	do	1	—	—	N.Y.
Orchid	Brazil, Hawaii	2	—	1	Fla., Hawaii.
Pedilanthus sp. (slipperflower)	Hawaii	—	—	1	Hawaii.
Phaemeria speciosa	do	1	—	—	Hawaii.
Vanda joaquimiae (orchid)	do	8	—	—	Hawaii.
Vanda sp.	do	16	—	—	Hawaii.
<i>Bradybaena similis</i> (Fer.) (?) (Bradybaenidae): Lycoris chinensis	Hong Kong	—	—	1	Hawaii.
<i>Brevipalpus obovatus</i> Donn. (Tenuipalpidae): Cutting—unidentified	Bermuda	1	—	—	Mass.
<i>Brevipalpus phoenicis</i> (Geijskes) (Tenuipalpidae): Carica papaya (papaya)	Cuba	1	—	—	Fla.
Citrus aurantifolia (sour lime)	Argentina	1	—	—	Fla.
C. limon (lemon)	Costa Rica, Italy	1	1	—	Fla., N.Y.
C. sinensis (orange)	Cuba	1	—	—	Fla.
Litchi chinensis (lychee)	Hawaii	2	—	—	Hawaii.
Stenandrium lindenbergii	Jamaica	—	—	1	Hawaii.
<i>Bryobia ehari</i> Pritchard & Keifer (Tetranychidae): Chrysanthemum sp.	Japan	1	—	—	Hawaii.
<i>Cactophagus validirostris</i> (Gyll.) (Curculionidae): Philodendron sp.	Mexico	—	—	1	Tex.
<i>Callidium rufipenne</i> Motsch. (Cerambycidae): Quarters of a merchant vessel	Japan	—	1	—	Fla.
Wood	do	2	1	—	Calif.*, Fla.
<i>Callirhytis glandium</i> (Giraud) (Cynipidae): Quercus sp. (oak)	Portugal	1	—	—	N.Y.
<i>Capaneus tetricus</i> Stal (Coreidae): Bromeliads	Mexico	—	—	1	Tex.
Orchid	Canal Zone, Mexico	—	—	2	Fla., Tex.
<i>Capitophorus braggii</i> (Gill) (?) (Aphidae): Herbs	Mexico	1	—	—	Ill.
<i>Carposina niponensis</i> Wlghm. (Carposinidae): Malus sylvestris (apple)	Japan	1	5	—	Hawaii, Pa., Wash.
<i>Caryedon fuscus</i> (Goeze) (Bruchidae): Arachis hypogaea (peanut)	French West Africa	1	—	—	N.Y.
Cassia javanica (appleblossom senna)	Hawaii	1	—	—	Hawaii.
Cassia sp.	do	2	—	—	Hawaii.
Legume	do	—	—	1	Hawaii.
Tamarindus indica (tamarind)	Netherlands East Indies	1	—	—	N.Y.
Tamarindus sp.	Jamaica	1	—	—	Md.

Pests Collected and Reported From July 1, 1958, Through June 30, 1959—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Cassida circumdata</i> Hbst. (Chrysomelidae):					
Airplane	Guam		1		Hawaii.
<i>Ceciloides acicula</i> (Müller) (Achatinidae):					
Cactus	Italy			1	N.Y.
Soil with <i>Citrus limon</i> (lemon) plant	do			1	Mass.
Soil with <i>Dahlia</i> sp. and <i>Gladiolus</i> sp.	France			1	Mass.
Soil with miscellaneous plants	Italy			1	Mass.
<i>Viola</i> sp. (violet)	do			1	N.Y.
<i>Cecilioides aperta</i> (Swainson) (Achatinidae):					
Soil	Dominican Republic	1			Fla.
Soil with <i>Mentha</i> sp. (mint) plant	Cuba	1			Fla.
<i>Cenopalpus pulcher</i> (C. & F.) (Tenuipalpidae):					
<i>Prunus amygdalus</i> (almond)	Iran			1	D.C.
<i>Pyrus</i> sp. (pear)	France			1	D.C.
<i>Ceratitis capitata</i> (Wied.) (Tephritidae):					
<i>Citrus grandis</i> (pummelo)	Italy, unknown	1	1		Mass., N.Y.
<i>C. paradisi</i> (grapefruit)	Brazil, Egypt		4		Pa., Tex.
<i>C. reticulata</i> (Mandarin orange)	Argentina, Cyprus, Italy, Spain, Syria	7	3		Mass., N.Y.
<i>C. sinensis</i> (orange)	Argentina, Costa Rica, Egypt, Israel, Italy, Portugal, Spain, unknown	8	11		Calif.,* Ga., Mass., N.Y., Pa., Tex.
<i>Coffea arabica</i> (Arabian coffee)	Hawaii	14			Calif.,* Hawaii.
<i>Coffea</i> sp.	Brazil, Costa Rica	4		1	Fla., N.Y.
<i>Cydonia oblonga</i> (quince)	Greece, Italy	7			N.Y.
<i>Eriobotrya japonica</i> (loquat)	Italy, Tunisia	2			Mass., N.Y.
<i>Ficus carica</i> (fig)	Argentina, Italy, Spain	3			Mass., N.Y.
<i>Malus sylvestris</i> (apple)	Europe (country(?)), Greece, Portugal	2	1		N.Y.
<i>Opuntia humifusa</i> (pricklypear)	Italy	6			Mass., N.Y.
<i>Prunus armeniaca</i> (apricot)	France, Italy		2		Mass., N.Y.
<i>P. persica</i> (peach)	Europe (country(?)), Israel, Italy, Spain, unknown	6	3		Mass., N.J., N.Y., P.R.
<i>Psidium guajava</i> (guava)	Portugal	2			Mass.
<i>Pyrus communis</i> (pear)	Greece, Israel, Italy	4			Mass., N.Y.
<i>Terminalia catappa</i> (tropical almond)	Hawaii	1			Calif.*
<i>Vitis</i> sp. (grape)	Italy	1			N.Y.
<i>Ceratitis capitata</i> (Wied.) (?) (Tephritidae):					
<i>Calophyllum inophyllum</i> (Indiapoon beauty-leaf)	Hawaii	1			Hawaii.
<i>Citrus sinensis</i> (orange)	Italy, Union of South Africa, unknown	1	3		La., Mass.
<i>Coffea arabica</i> (Arabian coffee)	Hawaii	2			Calif.,* Hawaii.
<i>Coffea</i> sp.	Brazil	2			Fla., N.Y.
<i>Ficus carica</i> (fig)	Italy	1			N.Y.
<i>Cerconota anonella</i> (Sepp) (Stenomidae):					
<i>Annona muricata</i> (sourp)	Ecuador	1			N.Y.
<i>A. reticulata</i> (custard-apple)	Brazil	1			N.Y.
<i>Ceroastes japonicus</i> Green (Coccidae):					
<i>Punica granatum</i> (pomegranate)	Japan			1	Calif.*
<i>Ceroastes rubens</i> Mask. (Coccidae):					
<i>Alyxia olivaeformis</i> (maile alyxia)	Hawaii	3			Hawaii.
<i>Anthurium</i> sp.	do	3			Hawaii.
<i>Gardenia</i> sp.	Australia	1			Hawaii.
<i>Ceroastes rusci</i> (L.) (Coccidae):					
<i>Ficus carica</i> (fig)	Argentina, Greece			2	N.Y., P.R.
<i>Chalciope hyppasia</i> (Cram.) (Noctuidae):					
Airplane	Japan		1		Hawaii.
<i>Chelysoma variabilis</i> (H.-S.) (Pentatomidae):					
<i>Chamaedorea oblongata</i> (palm)	Mexico	1			Tex.
<i>Chilo loftini</i> Dyar (Crambidae):					
<i>Saccharum officinarum</i> (sugarcane)	do	14			Ariz., Calif., Tex.
<i>Zea mays</i> (corn)	do	6			Ariz.

Pests Collected and Reported From July 1, 1958, Through June 30, 1959—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Chilo suppressalis</i> (Wlk.) (Crambidae): <i>Oryza sativa</i> (rice)-----	Japan, Spain-----	6	1	-----	Calif.* Hawaii, P.R., Wash.
<i>Chionaspis asiatica</i> Arch. (Coccidae): <i>Prunus avium</i> (Mazzard cherry)-----	Iran-----	-----	-----	2	D.C.
<i>Chionaspis salicis</i> (L.) (Coccidae): Bark-----	Austria-----	1	-----	-----	Mass.
<i>Betula</i> sp. (birch)-----	Germany-----	-----	-----	1	Ill.
<i>Chirothrips egragius</i> zur Strassen (Thripidae): <i>Eragrostis bicolor</i> (lovegrass)-----	Union of South Africa-----	-----	-----	1	D.C.
<i>E. brizoides</i> -----	do-----	-----	-----	1	D.C.
<i>E. lehmanniana</i> -----	do-----	-----	-----	1	D.C.
<i>E. superba</i> -----	do-----	-----	-----	2	D.C.
Grass seed-----	do-----	-----	-----	1	Md.
<i>Chirothrips hoodi</i> Jacot-Guill. (Thripidae): <i>Hyparrhenia hirta</i> -----	do-----	-----	-----	1	D.C.
<i>Hyparrhenia</i> sp.-----	do-----	-----	-----	1	D.C.
<i>Chirothrips pretorianus</i> Hood (Thripidae): <i>Alloteroopsis semialata</i> -----	do-----	-----	-----	1	D.C.
<i>Echinochloa pyramidalis</i> -----	do-----	-----	-----	1	D.C.
<i>Eragrostis bicolor</i> (lovegrass)-----	do-----	-----	-----	1	D.C.
<i>E. biflora</i> -----	do-----	-----	-----	1	D.C.
<i>E. brizoides</i> -----	do-----	-----	-----	1	D.C.
<i>E. capensis</i> -----	do-----	-----	-----	1	D.C.
<i>E. curvula</i> -----	do-----	-----	-----	1	D.C.
<i>E. lehmanniana</i> -----	do-----	-----	-----	1	D.C.
<i>E. obtusa</i> -----	do-----	-----	-----	1	D.C.
<i>Eragrostis</i> sp.-----	do-----	-----	-----	1	D.C.
<i>Fingerhuthia sesleriaeformis</i> -----	do-----	-----	-----	1	D.C.
<i>Tetrachne dregei</i> -----	do-----	-----	-----	1	D.C.
<i>Chrysomphalus agavis</i> (Townsend & Ckll.) (Coccidae): <i>Agave victoriae-reginae</i> -----	Mexico-----	-----	-----	1	Tex.
<i>Chrysomphalus albopictus</i> (Ckll.) (Coccidae): <i>Persea americana</i> (avocado)-----	do-----	1	-----	-----	Tex.
<i>Chrysomphalus calurus</i> (Ckll.) (Coccidae): <i>Spondias mombin</i> (yellow mombin)-----	El Salvador, Guatemala-----	2	-----	-----	Calif.*
<i>Chrysomphalus nigropunctatus</i> (Ckll.) (Coccidae): <i>Epidendrum</i> sp. (orchid)-----	Mexico-----	-----	-----	1	Tex.
Orchid-----	do-----	-----	-----	1	Tex.
<i>Philodendron</i> sp.-----	do-----	-----	-----	1	Tex.
<i>Chrysomphalus personatus</i> (Comst.) (Coccidae): <i>Achras zapota</i> (sapodilla)-----	do-----	-----	-----	1	D.C.
<i>Citrus aurantifolia</i> (sour lime)-----	Brazil-----	-----	1	-----	Fla.
<i>C. sinensis</i> (orange)-----	Argentina, Brazil, Mexico-----	1	3	-----	Calif.*
<i>Mangifera indica</i> (mango)-----	Mexico, Nicaragua-----	3	-----	-----	Calif.*
<i>Myristica</i> sp.-----	Barbados-----	-----	1	-----	N.Y.
<i>Philodendron</i> sp.-----	Brazil-----	-----	2	-----	D.C.
<i>Vriesia</i> sp.-----	do-----	-----	1	-----	D.C.
<i>Chrysomphalus pinnatifidus</i> (Mask.) (Coccidae): <i>Citrus paradisi</i> (grapefruit)-----	Canary Islands-----	-----	1	-----	Fla.
<i>Chrysomphalus propinquus</i> Banks (Coccidae): <i>Areca</i> sp. (palm)-----	Cuba-----	-----	-----	1	Fla.
<i>Mentha</i> sp. (mint)-----	do-----	-----	-----	1	Fla.
<i>Chrysomphalus reniformis</i> (Ckll.) (tentative) (Coccidae): <i>Anthurium</i> sp.-----	Brazil-----	-----	-----	1	Fla.
<i>Chrysomphalus setiger</i> (Mask.) (?) (Coccidae): <i>Camellia sasanqua</i> -----	Japan-----	-----	-----	1	D.C.
<i>Chrysomphalus sphaeroides</i> (Ckll.) (Coccidae): <i>Chamaedorea elegans</i> (palm)-----	Mexico-----	1	-----	-----	Tex.
<i>Diospyros</i> sp. (persimmon)-----	do-----	1	-----	-----	Tex.
<i>Chrysomphalus tenax</i> (McKenzie) (Coccidae): Orchid-----	Canal Zone-----	-----	-----	1	Fla.
<i>Philodendron dubium</i> -----	Mexico-----	-----	-----	1	Tex.
<i>P. polytomum</i> -----	do-----	-----	-----	1	Tex.

Pests Collected and Reported From July 1, 1958, Through June 30, 1959—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Chrysomphalus tingi</i> (McKenzie) (Coccidae):	Philippines	---	---	1	Fla.
<i>Phalaenopsis</i> sp. (orchid)	---	---	---	---	---
<i>Chrysomphalus tricuspidis</i> (Ferris) (Coccidae):	Mexico	---	---	1	Tex.
<i>Cycad</i>	do.	---	---	1	Tex.
<i>Dioon spinulosum</i>	---	---	---	---	---
<i>Chrysomphalus umboniferus</i> (Newst.) (Coccidae):	Costa Rica	---	---	1	Calif.*
<i>Epidendrum brassavolae</i> (orchid)	Guatemala	---	---	1	Fla.
<i>Epidendrum</i> sp.	Ecuador	1	---	---	Calif.*
<i>Masdevallia</i> sp. (orchid)	Panama	---	---	1	Fla.
Orchid	---	---	---	---	---
<i>Cicadella spectra</i> (Dist.) (Cicadellidae):	Japan(?), Midway Islands	---	2	---	Hawaii.
Airplane	---	---	---	---	---
<i>Cicadella viridis</i> (L.) (Cicadellidae):	Japan, Midway Islands(?)	---	2	---	Hawaii.
Airplane	Japan	---	1	---	Wash.
<i>Brassica chinensis</i> (Chinese cabbage)	Honduras	---	---	1	Calif.*
<i>Clerada apicicornis</i> Sign. (Lygaeidae):	Italy	1	---	---	N.Y.
Orchid	---	---	---	---	---
<i>Clysiana ambigua</i> (Hbn.) (Phalonidae):	Brazil	---	---	1	D.C.
<i>Vitis</i> sp. (grape)	---	---	---	---	---
<i>Coccus africanus</i> (Newst.) (Coccidae):	Hawaii	1	---	---	Hawaii.
<i>Euonymus</i> sp.	Cuba	---	---	1	Fla.
<i>Coccus viridis</i> (Green) (Coccidae):	Citrus sinensis (orange)	---	1	---	Hawaii.
<i>Alyxia olivaeformis</i> (maile alyxia)	Coffea arabica (Arabian coffee)	2	---	---	Hawaii.
<i>Chrysanthemum</i> sp.	Coffea sp.	1	---	---	N.Y.
<i>Citrus sinensis</i> (orange)	Euphorbia sp.	---	---	1	Wash.
<i>Coffea arabica</i> (Arabian coffee)	Gardenia augusta (gardenia)	39	1	1	Ala., Calif.,*
<i>Coffea</i> sp.	---	---	---	---	Fla., Hawaii, N.Y.
<i>Euphorbia</i> sp.	---	---	---	---	---
<i>Gardenia augusta</i> (gardenia)	---	---	---	---	---
<i>Gardenia</i> sp.	South Pacific	---	1	---	Hawaii.
<i>Gliricidia sepium</i>	Dominican Republic	---	---	1	Fla.
<i>Nothopanax guilfoylei</i>	Hawaii	---	---	1	Hawaii.
<i>Plumeria</i> sp.	do.	1	---	---	Hawaii.
<i>Psidium guajava</i> (guava)	do.	1	---	---	Hawaii.
<i>Cochlicella barbara</i> (L.) (Helicellidae):	Morocco	2	---	---	S.C., Va.
Military cargo	Italy	---	---	1	N.Y.
Soil with <i>Ficus carica</i> (fig) cuttings	Morocco	1	---	---	S.C.
<i>Cochlicella ventrosa</i> (Fer.) (Helicellidae):	Italy	1	---	---	N.Y.
Military cargo	---	---	---	---	---
Soil	---	---	---	---	---
<i>Coelonertus nigrirostris</i> Solari (Curculionidae):	Mexico	12	---	---	Tex.
<i>Chamaedorea elegans</i> (palm)	do.	2	---	---	Tex.
<i>Chamaedorea</i> sp.	Palm	1	---	---	Tex.
<i>Coenobeta paucula</i> (Wlk.) (Noctuidae):	Trinidad	---	1	---	P.R.
Airplane	---	---	---	---	---
<i>Conchaspis orchidarum</i> Mamet (Coccidae):	Canal Zone	---	---	1	Fla.
<i>Cattleya skinneri</i> (orchid)	Panama	---	---	1	Fla.
Orchid	---	---	---	---	---
<i>Conoderus exsul</i> (Sharp) (Elateridae):	Hawaii	1	---	---	Hawaii.
<i>Anthurium</i> sp.	do.	1	---	---	Hawaii.
<i>Vanda</i> sp. (orchid)	---	---	---	---	---
<i>Conoderus rufangulus</i> (Gyll.) (Elateridae):	Chile	5	---	---	N.Y.
<i>Vitis</i> sp. (grape)	---	---	---	---	---
<i>Conotelus mexicanus</i> Murr. (Nitidulidae):	Mexico	1	---	---	Ariz.
<i>Chrysanthemum</i> sp.	do.	1	---	---	Ariz.
<i>Cucurbita pepo</i> (summer squash)	do.	1	---	---	Ariz.
Flowers	Colombia	1	---	---	N.C.
Logs	Mexico	1	---	---	Ariz.
<i>Lycopersicon esculentum</i> (tomato)	Hawaii, unknown	1	1	---	Hawaii.
<i>Plumeria</i> sp.	Mexico	1	---	---	Ariz.
<i>Rosa</i> sp.	do.	4	---	---	Ariz.
<i>Solanum melongena</i> (eggplant)	Hawaii	1	---	---	Hawaii.
<i>Vanda Joaquimiae</i> (orchid)	do.	2	---	---	Hawaii.
<i>Vanda</i> sp.	---	---	---	---	---

Pests Collected and Reported From July 1, 1958, Through June 30, 1959—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Conotrachelus aguacatae</i> Barber (Curculionidae): <i>Persea americana</i> (avocado).....	Guatemala, Mexico.....	11	---	1	Tex.
<i>Conotrachelus perseae</i> Barber (Curculionidae): <i>Persea americana</i> (avocado).....	Costa Rica, Mexico.....	2	---	1	Tex.
<i>Coptosoma punctatissima</i> Montand. (Pentatomidae): Trailer.....	Japan.....	1	---	---	Hawaii.
<i>Coptotermes formosanus</i> Shiraki (Rhinotermitidae): Mail parcel.....	Hawaii.....	1	---	---	Hawaii.
<i>Vanda</i> sp. (orchid).....	do.....	1	---	---	Hawaii.
<i>Corimelaena alticola</i> (Norvath) (Pentatomidae): Orchid.....	Mexico.....	---	---	1	Tex.
<i>Corimelaena palmeri</i> (McA. & M.) (Pentatomidae): Orchid.....	do.....	---	---	1	Tex.
<i>Cosmopolites sordidus</i> (Germ.) (Curculionidae): <i>Musa paradisica sapientum</i> (banana).....	Honduras, Mexico, Panama.....	---	---	5	La., Tex.
<i>Cryphalomorphus jalappae</i> (Letzn.) (Scolytidae): <i>Ipomoea purga</i> (jalap).....	Mexico.....	1	---	---	N.Y.
<i>Cryphula apicatus</i> (Dist.) (Lygaeidae): Bromeliad.....	do.....	---	---	1	Tex.
Orchid.....	do.....	---	---	1	Fla.
<i>Cryptoblabes gnidiella</i> (Mill.) (Phycitidae): <i>Citrus limon</i> (lemon).....	Italy.....	2	---	---	N.Y.
<i>C. sinensis</i> (orange).....	Italy, Spain.....	5	6	---	Mass., N.J., N.Y., Tex.
<i>Malus sylvestris</i> (apple).....	Italy.....	1	---	---	N.Y.
<i>Punica granatum</i> (pomegranate).....	Greece, Italy, Spain.....	9	---	---	Mass., N.Y.
<i>Vitis</i> sp. (grape).....	Italy, Malta.....	2	---	---	Mich., N.Y.
<i>Cryptophlebia illepidia</i> (Btlr.) (Olethreutidae): <i>Litchi chinensis</i> (lychee).....	Hawaii.....	2	---	---	Hawaii.
<i>Cryptophlebia leucotreta</i> (Meyr.) (Olethreutidae): <i>Citrus paradisi</i> (grapefruit).....	Union of South Africa.....	---	1	---	Mass.
<i>C. reticulata</i> (Mandarin orange).....	do.....	1	---	---	N.Y.
<i>C. sinensis</i> (orange).....	Union of South Africa, unknown.....	1	2	---	Calif.,* La., Tex.
<i>Cryptotermes domesticus</i> (Hav.) (Kalotermitidae): Driftwood.....	Wake Island.....	1	---	---	Hawaii.
<i>Ctenoglyphus canestrinii</i> (Armanelli) (Glycyphagidae): <i>Annona</i> sp.....	Portugal.....	1	---	---	N.Y.
<i>Curculio elephas</i> (Gyll.) (Curculionidae): <i>Castanea</i> sp. (chestnut).....	England, France, Greece, Italy, Portugal, Spain, Switzerland.....	94	2	2	Calif.,* Ill., La., Mass., Mich., Minn., N.Y.
<i>Quercus ilex</i> (holly oak).....	Italy.....	---	---	1	N.J.
<i>Quercus</i> sp.....	do.....	---	---	1	N.J.
<i>Curculio nucum</i> L. (Curculionidae): <i>Castanea</i> sp. (chestnut).....	Portugal.....	1	---	---	N.Y.
<i>Corylus avellana</i> (filbert).....	Italy, Poland.....	5	---	1	Mass., N.J., N.Y.
<i>Cylas formicarius</i> (F.) var. (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato).....	Dominican Republic, Hong Kong.....	1	1	---	Hawaii, P.R.
Vegetable—unidentified.....	Dominican Republic.....	1	---	---	Fla.
<i>Cylas formicarius elegantulus</i> (Summers) (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato).....	Anguilla, Bahamas, Cuba, Dominican Republic, Hawaii, Mexico, Puerto Rico.....	22	9	---	Ala., Calif.,* Fla., Ill., La., N.Y., P.R., S.C., St. Thomas & St. John, Tex.
<i>Ipomoea</i> sp.....	Puerto Rico.....	---	---	1	D.C.
Soil with vegetable.....	Cuba.....	---	1	---	Md.

Pests Collected and Reported From July 1, 1958, Through June 30, 1959—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Cylas formicarius formicarius</i> (F.) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato).....	Hong Kong.....	1			Hawaii.
<i>Dactylopius confusus</i> (Kl.) (Coccidae):					
Cactus.....	Mexico.....			1	Tex.
<i>Dactylotrypes uytenboogaarti</i> Eggers (Scolytidae):					
<i>Chamaerops humilis</i> (Mediterranean palm).....	Italy.....			1	N.J.
<i>Dacus cucurbitae</i> (Coq.) (Tephritidae):					
Airplane.....	Japan(?).....		1		Hawaii.
<i>Cucumis sativus</i> (cucumber).....	Hawaii.....		2		Calif.*
<i>Lycopersicon esculentum</i> (tomato).....	do.....		6		Calif.,* Wash.
<i>Dacus dorsalis</i> Hend. (Tephritidae):					
Airplane.....	Japan.....		1		Hawaii.
<i>Carica papaya</i> (papaya).....	Hawaii.....	1			Hawaii.
<i>Citrus grandis</i> (pummelo).....	do.....	1			Calif.*
<i>Coffea arabica</i> (Arabian coffee).....	do.....	5		1	Hawaii.
Fruit—unidentified.....	do.....	1			Calif.*
<i>Mangifera indica</i> (mango).....	do.....	6			Calif.,* Hawaii.
<i>Musa paradisiaca sapientum</i> (banana).....	do.....	1	1		Calif.*
<i>Passiflora</i> sp. (passionflower).....	do.....	1			Hawaii.
<i>Persea americana</i> (avocado).....	do.....	1			Calif.*
<i>Phoenix dactylifera</i> (date).....	do.....	1			Calif.*
<i>Psidium guajava</i> (guava).....	do.....	2			Hawaii.
<i>Terminalia catappa</i> (tropical almond).....	do.....	1			Hawaii.
<i>Dacus dorsalis</i> Hend. (?) (Tephritidae):					
<i>Coffea</i> sp.....	do.....	2			Hawaii.
<i>Mangifera indica</i> (mango).....	do.....	1	1		Calif.,* Hawaii.
<i>Terminalia catappa</i> (tropical almond).....	do.....	1			Hawaii.
<i>Dacus oleae</i> Gmel. (Tephritidae):					
Baggage.....	Italy.....	1			N.Y.
<i>Olea europaea</i> (olive).....	Greece, Italy, Lebanon, Spain, Tunisia, Union of Soviet Socialist Republics.....	40			Mass., N.Y.
<i>Olea</i> sp.....	Italy.....	1			N.Y.
<i>Dacus oleae</i> Gmel. (?) (Tephritidae):					
<i>Olea europaea</i> (olive).....	do.....	1			N.Y.
<i>Dacus passiflorae</i> (Frogg.) (Tephritidae):					
<i>Degeneria vitiensis</i>	Fiji Islands.....			1	D.C.
<i>Dacus pedestris</i> (Bezzi) (Tephritidae):					
<i>Melastoma malabathricum</i>	Federation of Malaya.....	1			Hawaii.
<i>Melastoma</i> sp.....	do.....	1			Hawaii.
<i>Dendrocoris suffultus</i> (Dist.) (Pentatomidae):					
Orchid.....	Mexico.....			1	Tex.
<i>Dercynus micronyx</i> Champ. (Curculionidae):					
<i>Brownea grandiceps</i> (glory flamebean).....	Trinidad.....			1	Fla.
<i>Deroceras reticulatum</i> (Müller) (Limacidae):					
<i>Brassica oleracea botrytis</i> (cauliflower).....	France, Germany.....		2		Pa.
<i>B. oleracea bullata</i> (Savoy cabbage).....	Poland.....		1		Pa.
<i>B. oleracea capitata</i> (cabbage).....	England, France, Ireland, Italy, Netherlands, Spain.....	1	9		Fla., Ga., N.Y., Pa.
Bromeliad.....	Mexico.....			1	Tex.
<i>Capsicum frutescens grossum</i> (bell pepper).....	Italy.....		1		N.Y.
<i>Cordyline terminalis</i> (ti).....	Hawaii.....	2			Hawaii.
<i>Cordyline</i> sp.....	do.....	1			Hawaii.
Food for salamander.....	Switzerland.....	1			N.Y.
<i>Gladiolus</i> sp.....	Italy.....	1			Mass.
<i>Ipomoea batatas</i> (sweetpotato).....	Hawaii.....	1			Hawaii.
<i>Lactuca sativa</i> (lettuce).....	England, Germany, Ireland, Italy, Netherlands, unknown.....	1	6		Mass., N.Y., Pa.
Orchid.....	Australia, Costa Rica, Mexico.....			10	Fla., Hawaii, Tex.
<i>Petroselinum crispum</i> (parsley).....	Ireland.....		1		Mass.

Pests Collected and Reported From July 1, 1958, Through June 30, 1959—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Deroceras reticulatum</i> (Müller) (Limacidae)— Con.					
Plants—miscellaneous	England, Japan, Mexico.		1	2	Hawaii, Mass., Tex.
Soil with fern plants	Portugal			1	Fla.
Soil with miscellaneous plants	England, Germany			2	Mich., N.Y.
<i>Tulipa</i> sp.	Netherlands	1			N.Y.
<i>Typha</i> sp. (cattail)	Brazil			1	D.C.
<i>Vanda</i> sp. (orchid)	Hawaii	1			Hawaii.
<i>Diachus auratus</i> (F.) (Chrysomelidae):					
<i>Plumeria</i> sp.	do	1			Hawaii.
<i>Dialeurodes chittendeni</i> Laing (Aleyrodidae):					
<i>Rhododendron</i> 'Cunningham White'	Netherlands			1	N.J.
<i>Rhododendron</i> 'Dr. (H. C.) Dresselhuys'	do			1	N.J.
<i>Rhododendron</i> 'Grandiflorum'	do			1	N.J.
<i>Rhododendron</i> 'Mme. Masson'	do			1	N.J.
<i>Rhododendron</i> hybrid	do			1	N.Y.
<i>Rhododendron</i> sp.	England, Netherlands			25	N.J., N.Y.
<i>Dialeurodes citrifolii</i> (Morg.) (Aleyrodidae):					
<i>Citrus</i> sp.	El Salvador, Mexico, Panama.	3			Calif.,* Tex.
<i>Dialeurodes kirkaldyi</i> (Kot.) (Aleyrodidae):					
<i>Citrus sinensis</i> (orange)	Tahiti	1			Hawaii.
Flowers	Cuba	1			Fla.
<i>Jasminum sambac</i> (Arabian jasmine)	Hawaii	1			Hawaii.
<i>Jasminum</i> sp.	Japan		1		Hawaii.
<i>Lagerstroemia indica</i> (common crapemyrtle)	Australia	1			Hawaii.
<i>Lagerstroemia</i> sp.	do		1		Hawaii.
<i>Plumeria acuminata</i> (Mexican frangipani)	Hawaii	1			Hawaii.
<i>Dialeurodes tristylis</i> Takah. (Aleyrodidae):					
<i>Cleyera ochracea</i> (?)	Japan		1		Calif.*
<i>Diaphania costata</i> (F.) (Pyraustidae):					
Airplane	Honduras		1		Fla.
<i>Diaphania quadrastigmatis</i> (Guen.) (Pyraustidae):					
Airplane	Costa Rica		1		Fla.
<i>Diaprepes abbreviatus</i> (L.) (Curculionidae):					
Airplane	Dominican Republic		1		Fla.
Baggage	Puerto Rico	1			P.R.
<i>Diaprepes abbreviatus</i> (L.) var. (Curculionidae):					
Airplane	do		1		P.R.
<i>Diaspis minima</i> Targ. (Coccidae):					
<i>Chamaecyparis</i> sp. (falsecypress)	Bermuda	1			Mass.
<i>Dialthrausta angustella</i> Dyar (Pyraustidae):					
Airplane	Panama		1		Fla.
<i>Diazenes dendrobii</i> Gahan (?) (Cerambycidae):					
<i>Dendrobium</i> sp. (orchid)	India			2	Fla., N.Y.
<i>Dichocrocis punctiferalis</i> (Guen.) (Pyraustidae):					
<i>Pinus parviflora</i> (Japanese white pine)	Japan	1			Hawaii.
<i>Dicyphus annulatus</i> (Wolff) (Miridae):					
<i>Lactuca sativa</i> (lettuce)	Portugal		1		Mass.
<i>Dicyphus pallidicornis</i> Fieb. (Miridae):					
<i>Kumex</i> sp. (dock)	Ireland			1	N.Y.
<i>Dinoderus bifoveolatus</i> (Woll.) (Bostrichidae):					
Wood (on native drum)	Nigeria	1			Mass.
<i>Diocalandra taiensis</i> (Guer.) (Curculionidae):					
<i>Cocos nucifera</i> (coconut)	Hawaii	4			Hawaii.
<i>Diorymerellus laevimargo</i> Champ. (Curculionidae):					
Orchid	Guatemala, Mexico			12	Tex.
<i>Diploptera punctata</i> (Esch.) (Diplopteridae):					
Baggage	Hawaii	1			Hawaii.
<i>Doru albipes</i> (F.) (Forficulidae):					
<i>Cajanus cajan</i> (pigeonpea)	Puerto Rico	2			P.R.
<i>Dryinus sylvaticus</i> (F.) (Lygaeidae):					
Coniferous plant	England			1	N.Y.
Packing with <i>Rhododendron</i> sp. (azalea)	do			1	N.J.
<i>Dryocoetes autographus</i> (Ratz.) (Scolytidae):					
<i>Picea</i> sp. (spruce)	Germany		1		Fla.

Pests Collected and Reported From July 1, 1958, Through June 30, 1959—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Dysdercus mimulus</i> Hussey (Pyrrhocoridae):					
<i>Bromelia</i> sp.-----	Mexico-----			1	Tex.
<i>Cucumis melo cantalupensis</i> (cantaloupe)-----	do-----	4			Tex.
<i>Earias insulana</i> (Bdv.) (?) (Noctuidae):					
<i>Gossypium</i> sp. (cotton; lint)-----	Egypt-----	1			N.Y.
<i>Ectomyelois ceratoniae</i> (Zell.) (Phycitidae):					
<i>Ceratonia siliqua</i> (carob)-----	Italy-----	4			N.Y.
<i>Citrus sinensis</i> (orange)-----	Spain, unknown-----		3		N.J., N.Y.
<i>Cydonia oblonga</i> (quince)-----	Greece, unknown-----	2			Calif.,* N.Y.
<i>Juglans regia</i> (English walnut)-----	Italy-----	1			N.Y.
<i>Juglans</i> sp.-----	do-----	2			N.Y.
<i>Malus sylvestris</i> (apple)-----	do-----	2			N.Y.
<i>Prunus amygdalus</i> (almond)-----	do-----	1			N.Y.
<i>Punica granatum</i> (pomegranate)-----	Argentina, Greece, Italy-----	6			N.Y.
<i>Pyrus communis</i> (pear)-----	Italy-----	1			N.Y.
<i>Tamarindus indica</i> (tamarind)-----	Dominican Republic, Puerto Rico-----	1	1		N.Y.
<i>Ectomyelois decolor</i> (Zell.) (Phycitidae):					
Legume pod-----	Jamaica-----			1	Fla.
<i>Tamarindus indica</i> (tamarind)-----	Cuba-----	1			La.
<i>Ectomyelois muricis</i> (Dyar) (Phycitidae):					
<i>Cassia</i> sp. (senna)-----	Honduras-----	1			Fla.
<i>Enterolobium</i> sp. (earpodtree)-----	Colombia-----	1			Fla.
<i>Hymenaea courbaril</i> -----	Venezuela-----	1			N.Y.
<i>Edessa medilabunda</i> (F.) (Pentatomidae):					
<i>Zea mays</i> (corn)-----	Argentina-----	1			Pa.
<i>Elousa albicans</i> Wlk. (Noctuidae):					
Airplane-----	Cuba-----		1		Fla.
<i>Empoasca kraemeri</i> Ross & Moore (Cicadellidae):					
Airplane-----	Nicaragua-----		1		Fla.
<i>Ephestia calidella</i> (Guen.) (Phycitidae):					
<i>Eriobotrya japonica</i> (loquat)-----	Italy-----			1	N.Y.
<i>Ficus carica</i> (fig)-----	Greece, Italy-----	2			N.Y.
<i>Epichorista ionephela</i> Meyr. (Tortricidae):					
<i>Ornithogalum thyrsoides</i> (Cape chinkerichee)-----	Union of South Africa-----	4			N.J., N.Y.
<i>Epilachna nigrocincta</i> Muls. (Coccinellidae):					
Orchid-----	Mexico-----			1	Tex.
<i>Epilachna paenulata</i> (Germ.) (Coccinellidae):					
<i>Musa paradisica sapientum</i> (banana)-----	Ecuador-----	1			Md.
<i>Epinotia aporema</i> (Wlsm.) (Olethreutidae):					
<i>Phaseolus vulgaris</i> var. (string bean)-----	Mexico, Peru-----	1	3		Calif.,* La., Tex.
<i>Eremberga insignis</i> Hein. (Phycitidae):					
<i>Cephalocereus senilis</i> (oldman cactus)-----	Mexico-----			1	Tex.
<i>Eriophyes canestrinii</i> (Nal.) (Eriophyidae):					
<i>Buxus sempervirens</i> (common boxwood)-----	England, Netherlands-----			3	N.J.
<i>Buxus</i> sp.-----	Ireland, Netherlands-----	1		1	Mass., N.J.
<i>Ernobius abietis</i> (F.) (Anobiidae):					
<i>Picea</i> sp. (spruce)-----	England, Switzerland-----			2	N.Y.
<i>Euborellia stali</i> (Dohrn) (Labiduridae):					
<i>Brassica oleracea capitata</i> (cabbage)-----	Cuba-----		1		Ga.
<i>Eucactophagus auROCinctus</i> Champ. (Curculionidae):					
<i>Cynoches</i> sp. (orchid)-----	Costa Rica-----			1	Fla.
<i>Eucactophagus carinipygga</i> Champ. (Curculionidae):					
<i>Philodendron</i> sp.-----	Canal Zone-----			1	Fla.
<i>Euglandina striata</i> (Müller) (Oleacinidae):					
<i>Musa paradisica sapientum</i> (banana)-----	Ecuador-----	2			Md., N.Y.
<i>Euleia heraclei</i> (L.) (Tephritidae):					
<i>Apium graveolens</i> (celery)-----	England-----		2		Va.
<i>Petroselinum crispum</i> (parsley)-----	England, unknown-----		2		Mass., N.Y.
<i>Eurydema ornatum</i> (L.) (Pentatomidae):					
<i>Cynara</i> sp.-----	Spain-----			1	D.C.
<i>Eurytoma orchidearum</i> (Westw.) (Eurytomidae):					
<i>Cattleya</i> sp. (orchid)-----	Guatemala-----			1	N.J.

Pests Collected and Reported From July 1, 1958, Through June 30, 1959—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Euscepes postfasciatus</i> (Fairm.) (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato)-----	Brazil, Hawaii, Puerto Rico, St. Kitts, Tortola, Trinidad.	4	5	---	Ala., Calif.,* Pa., P.R., St. Thomas & St. John, S.C.
<i>Ipomoea</i> sp.-----	Venezuela	---	1	---	Md.
<i>Eutetranychus banksi</i> (McG.) (Tetranychidae): Orchid.-----	do	1	---	---	N.Y.
<i>Euzophera bigella</i> Zell. (?) (Phycitidae): <i>Juglans</i> sp. (walnut)-----	Italy-----	1	---	---	N.Y.
<i>Everes comyntas</i> (Godt.) (Lycaenidae): <i>Phaseolus vulgaris</i> var. (string bean)-----	Mexico-----	1	---	---	Tex.
<i>Evergestis forficalis</i> (L.) (Pyraustidae): <i>Brassica oleracea capitata</i> (cabbage)-----	Great Britain, Nether- lands.	---	2	---	La., Pa.
<i>Ezptochiomera albomaculata</i> (Dist.) (Lygaeidae): Orchid.-----	Mexico-----	---	---	1	Tex.
<i>Eysarcoris guttiger</i> (Thunb.) (Pentatomidae): <i>Brassica oleracea capitata</i> (cabbage)-----	Japan-----	---	1	---	Ala.
<i>Farinococcus guatemalensis</i> Ferris (Coccidae): <i>Oncidium</i> sp. (orchid)-----	Costa Rica-----	---	---	1	Tex.
<i>Ferrisia virgata</i> (Ckll.) (Coccidae): <i>Chamaedorea oblongata</i> -----	Mexico-----	1	---	---	Tex.
<i>Cissus</i> sp. (treebine)-----	Philippines-----	---	---	1	Hawaii.
<i>Hibiscus</i> sp.-----	Mexico-----	---	---	2	Tex.
Leaf—unidentified-----	do-----	---	---	1	Ariz.
Orchid.-----	Canal Zone-----	---	---	1	Fla.
<i>Punica granatum</i> (pomegranate)-----	Mexico-----	1	---	---	Tex.
<i>Sechium edule</i> (chayote)-----	Cuba-----	2	---	---	Fla., N.Y.
<i>Filippa oleae</i> Costa (?) (Coccidae): <i>Olea europaea</i> (olive)-----	Italy-----	1	---	---	N.Y.
<i>Filippa viburni</i> (Sign.) (Coccidae): <i>Hedera</i> sp. (ivy)-----	England-----	---	4	---	Mass.
<i>Fiorinia nephelii</i> Mask. (Coccidae): <i>Euphoria longan</i> -----	Philippines-----	---	---	1	Hawaii.
<i>Fiorina theae</i> Green (Coccidae): <i>Citrus paradisi</i> (grapefruit)-----	Curacao-----	---	1	---	Calif.*
<i>C. reticulata</i> (Mandarin orange)-----	Formosa-----	1	---	---	Hawaii.
<i>Spondias purpurea</i> (purple mombin)-----	Philippines-----	1	---	---	Hawaii.
<i>Fossaria truncatula</i> (Müller) (Lymnaeidae): <i>Rorippa nasturtium aquaticum</i> (watercress)-----	England-----	---	1	---	Mass.
Soil with <i>Ficus carica</i> (fig)-----	Italy-----	---	---	1	N.Y.
<i>Frankliniella formosae</i> Mlt. (Thripidae): <i>Chrysanthemum</i> sp.-----	Japan-----	8	5	---	Hawaii, Wash.
<i>Dahlia</i> sp.-----	do-----	1	---	---	Hawaii.
<i>Dianthus caryophyllus</i> (carnation)-----	do-----	11	2	---	Hawaii.
<i>Gladiolus</i> sp.-----	do-----	1	1	---	Hawaii.
Liliaceae-----	do-----	---	1	---	Hawaii.
<i>Paonia</i> sp.-----	do-----	1	---	---	Hawaii.
<i>Rosa</i> sp.-----	do-----	1	1	---	Hawaii, Wash.
<i>Frankliniella intonsa</i> (Tryb.) (Thripidae): <i>Dianthus caryophyllus</i> (carnation)-----	Germany, Poland, unknown.	3	1	---	Mass., N.Y.
Flowers—assorted-----	England-----	1	---	---	Mass.
<i>Lavandula</i> sp. (lavender)-----	do-----	---	---	1	N.Y.
<i>Pelargonium</i> sp. (geranium)-----	Belgium-----	---	---	1	N.Y.
<i>Pyrethrum</i> sp. (painted daisy)-----	Finland-----	1	---	---	N.Y.
<i>Rosa</i> sp.-----	France, Germany-----	2	---	---	Mass., N.Y.
<i>Frankliniella schultzei</i> (Tryb.) (Thripidae): <i>Dianthus caryophyllus</i> (carnation)-----	Australia-----	2	---	---	Hawaii.
<i>Ornithogalum thyrsoides</i> (Cape chinkerichee)-----	Union of South Africa-----	2	---	---	N.Y.
<i>Rosa</i> sp.-----	Australia-----	1	---	---	Hawaii.
<i>Frankliniella williamsi</i> Hood (?) (Thripidae): <i>Zea mays</i> (corn)-----	Mexico-----	1	---	---	Ariz.

Pests Collected and Reported From July 1, 1958, Through June 30, 1959—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Fundella pellucens</i> (Zell.) (Phycitidae):					
<i>Cajanus cajan</i> (pigeonpea)	Bahamas, Barbados	3			N.Y., P.R.
<i>Phaseolus vulgaris</i> var. (string bean)	Surinam	1			N.Y.
<i>Pisum sativum</i> (pea)	Puerto Rico	1			P.R.
<i>Vigna catjang</i> (catjang cowpea)	Anguilla	1			St. Thomas & St. John.
<i>V. sinensis</i> (cowpea)	Panama	2			N.Y.
<i>Furcaspis biformis</i> (Ckll.) (Coccidae):					
<i>Brassavola nodosa</i> (orchid)	Canal Zone			2	Fla., N.J.
Bromeliad	Ecuador			4	Fla.
<i>Cattleya</i> sp. (orchid)	Brazil, Canal Zone, Hawaii.			5	Fla., Hawaii, N.J.
<i>Dendrobium</i> sp. (orchid)	Hawaii			1	Hawaii.
<i>Epidendrum</i> sp. (orchid)	Canal Zone			2	Fla.
<i>Oncidium</i> sp. (orchid)	Antigua, Canal Zone, Jamaica, Panama.			4	Fla.
Orchid	Canal Zone, Costa Rica, Guatemala, Hawaii, Honduras, Mexico, Panama, Venezuela.			13	Fla., Hawaii, Tex.
<i>Rodriguezia secunda</i> (orchid)	Canal Zone			1	Fla.
<i>Schomburgkia lueddemannii</i> (orchid)	do.			1	Calif.*
<i>Tillandsia cyanea</i>	Ecuador			1	Fla.
<i>Vanda</i> sp. (orchid)	Philippines			1	Calif.*
<i>Furcaspis oceanica</i> Ldgr. (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Eniwetok, Hawaii, Kwajalein.	5			Hawaii.
<i>Galgupha punctifer</i> McA. & Mall. (Pentatomidae):					
Bromeliad	Costa Rica, Mexico			3	Calif.* Tex.
Orchid	Mexico			1	Tex.
<i>Galgupha texana</i> McA. & Mall. (Pentatomidae):					
Orchid	do.			1	Tex.
<i>Gentocremnus chilensis</i> (Boh.) (Curculionidae):					
<i>Prunus persica</i> (peach)	Chile	1			N.Y.
<i>Geotomus pygmaeus</i> (Dallas) (Pentatomidae):					
Airplane	Canton Island, West Pacific.		2		Hawaii.
<i>Anthurium andraeanum</i>	Hawaii	1			Hawaii.
Baggage	do.	1			Hawaii.
Flowers—assorted	do.	1			Hawaii.
Mail parcel	do.	1			Hawaii.
<i>Vanda</i> sp. (orchid)	do.	1			Hawaii.
<i>Geotomus spinolai</i> Sign. (Pentatomidae):					
<i>Epidendrum</i> sp. (orchid)	Panama			1	P.R.
<i>Gibbibruchus speculifer</i> (Gyll.) (Bruchidae):					
<i>Bauhinia</i> sp.	Brazil			1	D.C.
<i>Gnorimoschema gudmannella</i> (Wlsm.) (Gelechiidae):					
<i>Capsicum frutescens</i> (pepper)	Mexico	1			Ariz.
<i>C. frutescens longum</i> (chile pepper)	do.	1			Tex.
<i>Gnorimoschema ocellatella</i> (Boyd) (Gelechiidae):					
<i>Beta vulgaris</i> (beets)	Egypt		4		Pa.
<i>Gnorimoschema plaesiosema</i> (Turner) (Gelechiidae):					
<i>Lycopersicon esculentum</i> (tomato)	Australia		1		Hawaii.
<i>Solanum muricatum</i> (pepino)	Chile		1		Pa.
<i>Gracilaria azaleale</i> Brants (Gracilariidae):					
<i>Rhododendron japonicum</i> (Japanese azalea)	Netherlands			1	N.J.
<i>Rhododendron</i> sp. (azalea)	Japan, Netherlands			2	Hawaii, N.J.
<i>Grapholitha janthiana</i> (Dup.) (Olethreutidae):					
<i>Malus sylvestris</i> (apple)	France	1			Mass.
<i>Gymnococcus agavium</i> (Dougl.) (Coccidae):					
<i>Agave schottii</i>	Mexico			1	Ariz.

Pests Collected and Reported From July 1, 1958, Through June 30, 1959—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Gynaikothrips ficorum</i> (Marchal) (?) (Phlaeothripidae):					
Airplane	Cuba		1		Fla.
<i>Haplothrips aculeatus</i> (F.) (Phlaeothripidae):					
<i>Gladiolus</i> sp.	Germany		1		N.Y.
<i>Pseudotsuga</i> sp. (Douglas-fir)	Switzerland			1	N.Y.
<i>Rhododendron</i> sp. (azalea)	Belgium, Netherlands			2	Wash.
<i>Haplothrips clarisetis</i> Pr. (?) (Phlaeothripidae):					
<i>Aster</i> sp.	Mexico	1			Calif.
<i>Pisum sativum</i>	do	1			Calif.
<i>Haplothrips cottei</i> (Vuillet) (Thripidae):					
<i>Dianthus caryophyllus</i> (carnation)	Portugal	1			N.Y.
<i>Haplothrips gowdeyi</i> (Frankl.) (Phlaeothripidae):					
<i>Alloteropsis semialata</i>	Union of South Africa			1	D.C.
<i>Antirrhinum majus</i> (snapdragon)	Haiti				N.Y.
<i>Bougainvillea</i> sp.	Bahamas	1			Fla.
<i>Centaurea cyanus</i> (cornflower)	Australia	1			Hawaii.
<i>Chrysanthemum</i> sp.	Fiji Islands		1		Hawaii.
<i>Dianthus caryophyllus</i> (carnation)	Australia	1			Hawaii.
<i>Euphorbia pulcherrima</i> (poinsettia)	Honduras	1			Fla.
Flowers	Brazil, Haiti, South America (country ?)	3	1		Fla., N.Y., P.R.
<i>Foeniculum vulgare</i> (fennel)	Bermuda	1			N.Y.
<i>Freesia</i> sp.	do	1			Mass.
<i>Gardenia augusta</i>	Cuba	1			N.Y.
<i>Mentha</i> sp. (mint)	do	1			N.Y.
<i>Orthogalum</i> sp.	Union of South Africa	1			N.Y.
<i>Paonia</i> sp.	Japan	1			Hawaii.
<i>Rhododendron</i> sp.	Cuba	1			N.Y.
<i>Rosa</i> sp.	Australia, Japan	2			Hawaii, Wash.
<i>Tagetes patula</i> (French marigold)	Japan	1			Hawaii.
<i>Zinnia</i> sp.	Australia	1			Hawaii.
<i>Haplothrips nigricornis</i> (Bagn.) (?) (Phlaeothripidae):					
<i>Orthogalum thyrsoides</i> (Cape chinkerichee)	Union of South Africa	1			N.Y.
<i>Helicella caperata</i> (Montagu) (Helicellidae):					
Cuttings	Ireland			1	Mass.
<i>Lactuca sativa</i> (lettuce)	France		1		P.R.
Military cargo	France, Luxembourg	4			La., N.J., N.C., Va.
Soil	Germany, Italy	2			N.Y., Tex.
<i>Helicella derbentina</i> (Andrzejewski) (?) (Helicellidae):					
Military cargo	Turkey (?)	1			N.J.
<i>Helicella itala</i> (L.) (Helicellidae):					
<i>Lactuca sativa</i> (lettuce)	Italy		1		N.Y.
<i>Mentha</i> sp. (mint)	do	1			Mass.
Military cargo	France	1			Va.
<i>Helicella maritima</i> Draparnaud (Helicellidae):					
<i>Brassica oleracea capitata</i> (cabbage)	do		1		Pa.
<i>Cannabis sativa</i> (hemp)	Spain			1	D.C.
<i>Fragaria</i> sp. (strawberry)	France	1			N.Y.
Military cargo	Greece, Italy, Libya, Morocco	8			La., N.Y.
<i>Prunus domestica</i> (plum)	Spain		1		N.Y.
<i>Rosa</i> sp.	France	1			N.Y.
Soil with <i>Colocasia esculenta</i> (dasheen)	Italy			1	N.Y.
Soil with unidentified plants	do			1	Mass.
<i>Helicella neglecta</i> (Draparnaud) (Helicellidae):					
Military cargo	Italy, Libya	2			La.
<i>Helicella pyramidata</i> (Draparnaud) (Helicellidae):					
<i>Pimpinella anisum</i> (anise)	Italy	1			N.Y.
Military cargo	Turkey (?)	1			N.J.
<i>Helicella striata</i> (Müller) (Helicellidae):					
Soil with cuttings	Italy			1	N.Y.
<i>Helicella trochoides</i> (Poiret) (Helicellidae):					
Military cargo	Morocco	1			La.

Pests Collected and Reported From July 1, 1958, Through June 30, 1959—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Helix aspersa</i> (Müller) (Helicidae):					
<i>Allium porrum</i> (leek)	France		1		P.R.
Automobile	Mexico		1		Tex.
<i>Caladium</i> sp.	do			1	Tex.
<i>Camellia</i> sp.	England	1			N.Y.
<i>Citrus limon</i> (lemon)	Spain		1		Tex.
<i>C. sinensis</i> (orange)	Peru		1		N.Y.
<i>Citrus</i> sp.	Azores	1			Mass.
Crate	Spain		1		La.
Military cargo	France	2			La., Ohio.
None (brought in as food)	Italy	1			N.Y.
Orchid	Mexico			1	Tex.
<i>Petroselinum crispum</i> (parsley)	Azores		1		Pa.
<i>Philodendron</i> sp.	Mexico			1	Tex.
<i>Helix cincta</i> Müller (Helicidae):					
Baggage	Italy	1			N.Y.
<i>Helix figulina</i> Parreyss (Helicidae):					
<i>Galanthus</i> sp.	Greece	1			Ill.
<i>Hellula undalis</i> (F.) (Pyraustidae):					
<i>Brassica rapa</i> (turnip)	Egypt		1		Pa.
<i>Heraeus erimus</i> Dist. (Lygaeidae):					
<i>Musa paradisiaca</i> (plantain)	Guatemala	1			La.
<i>Hercinothrips bicinctus</i> (Bagn.) (Thripidae):					
Araceae	Azores			1	N.J.
Plants—miscellaneous	Germany			1	Mass.
<i>Hesperolabops gelastops</i> Kirkaldy (Miridae):					
Cactus	Mexico			1	Tex.
<i>Opuntia</i> sp.	do			1	Tex.
<i>Heterostrychus aequalis</i> (Waterh.) (Bostrichidae):					
<i>Khaya</i> sp. (mahogany)	Philippines	1			S.C.
Wood (crate)	India, Philippines	5			Fla., S.C. Wash.
<i>Hezachaeta monostigma</i> Hend. (Tephritidae):					
With palm leaf	Mexico	1			Tex.
<i>Holocastis rivillei</i> (Stt.) (?) (Heliozelidae):					
<i>Vitis</i> sp. (grape)	Italy	1			Mass.
<i>Homoeogamia mexicana</i> (Burm.) (Polyphagidae):					
Mail parcel	Mexico	1			Tex.
<i>Homothrips distinctus</i> Bagn. (Thripidae):					
<i>Protea</i> spp.	Union of South Africa	3			N.Y.
<i>Homotoma ficus</i> (L.) (Psyllidae):					
<i>Ficus</i> sp. (fig)	Italy			1	N.Y.
<i>Hygromia cinctella</i> (Draparnaud) (Helicellidae):					
Soil with plants	do			1	N.Y.
<i>Hylurgops palliatus</i> (Gyll.) (Scolytidae):					
Wood (crate)	Belgium	2			Fla.
<i>Hypsipyla ferrealis</i> (Hamp.) (Phycitidae):					
<i>Carapa</i> sp. (crabwood)	Venezuela	2			N.Y.
<i>Icerya seychellarum</i> (Westw.) (Coccidae):					
<i>Rhapis</i> sp. (?)	Philippines			1	Hawaii.
<i>Ips acuminatus</i> (Gyll.) (Scolytidae):					
<i>Pinus</i> sp. (pine)	Japan	1			Hawaii.
<i>Ips borealis</i> Sw. (Scolytidae):					
<i>Picea</i> sp. (spruce)	Canada		1		Fla.
<i>Ips calligraphus</i> (Germ.) (Scolytidae):					
<i>Pinus</i> sp. (pine)	Bahamas	2			Fla.
<i>Ips typographus</i> (L.) (Scolytidae):					
Bark	Germany	1			N.J.
<i>Pinus</i> sp. (pine)	Norway	1			N.Y.
Wood (crate)	Sweden	1			Fla.
<i>Iridomyrmex humilis</i> Mayr (Formicidae):					
<i>Antirrhinum majus</i> (snapdragon)	Bermuda	1			N.Y.
Baggage	Azores, unknown	2			Mass., N.Y.
<i>Chrysanthemum</i> sp.	Bermuda	1			N.Y.
<i>Citrus sinensis</i> (orange)	Malta	1			N.Y.
<i>Dianthus caryophyllus</i> (carnation)	Italy, Portugal	3			N.Y.
Flowers	Bermuda, Union of South Africa	4			N.Y.
Fruit	Bermuda	1			Mass.

Pests Collected and Reported From July 1, 1958, Through June 30, 1959—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Iridomyrmex humilis</i> Mayr (Formicidae)— Continued					
<i>Gladiolus</i> sp.	Italy	1			Mass.
<i>Hibiscus</i> sp.	Bermuda	2			Mass.
<i>Lactuca sativa</i> (lettuce)	Unknown		1		N.Y.
<i>Lathyrus odoratus</i> (sweet pea)	Portugal	1			N.Y.
<i>Lilium</i> sp. (lily)	Bermuda	3			Mass., N.Y.
<i>Lycoris</i> sp.	do.	1			N.Y.
<i>Papaver</i> sp. (poppy)	Italy	1			N.Y.
<i>Pelargonium</i> sp.	Mexico			1	Calif.
<i>Protea</i> sp.	Union of South Africa	1			N.Y.
<i>Prunus domestica</i> (plum)	Chile	2			N.Y.
<i>Strelitzia</i> sp.	France	1			N.Y.
Succulent plants	Bermuda	1			N.Y.
<i>Iridomyrmex iniquus</i> Mayr (Formicidae):					
Bromeliad	Costa Rica			1	Fla.
<i>Epidendrum</i> sp. (orchid)	Guatemala			1	N.J.
Orchid	Ecuador			2	N.Y.
<i>Iridomyrmex keiteli subfasciatus</i> Whlr. & Mann (Formicidae):					
<i>Delphinium</i> sp.	Haiti	1			Fla.
<i>Iridomyrmex pilifer</i> Mayr (Formicidae):					
<i>Agapanthus</i> sp.	Colombia	1			N.Y.
<i>Anthurium</i> sp.	do.	1			N.Y.
<i>Isoneurothrips australis</i> Bagn. (Thripidae):					
<i>Dianthus caryophyllus</i> (carnation)	Azores	1			Pa.
<i>Isoneurothrips obscuratus</i> Cwfd. (?) (Thripidae):					
<i>Rosa</i> sp.	Australia		1		Hawaii.
<i>Isoorhinus undatus</i> Champ. (Curculionidae):					
Orchid				1	Tex.
<i>Kleidocerys ericae</i> Horvath (?) (Lygaeidae):					
<i>Calluna vulgaris</i> (heather)	Germany	1			N.Y.
<i>Lachnopus hispidus</i> (Gyll.) (Curculionidae):					
Airplane	Cuba		1		Fla.
<i>Lamellaris gracilis</i> (Hutton) (Achatinidae):					
Orchid	Costa Rica			1	Fla.
Plants—miscellaneous	Colombia			1	Fla.
<i>Lamellaris gracilis juncea</i> (Gould) (Achatinidae):					
<i>Colocasia antiquorum</i> (taro)	American Samoa	1			Hawaii.
<i>Lamellaris mauritanicus</i> (Pfeiffer) (Achatinidae):					
Soil with <i>Mentha</i> sp. (mint) plants	Cuba	2			Fla.
<i>Lampides boeticus</i> (L.) (Lycaenidae):					
<i>Canavalia</i> sp. (mauna loa)	Hawaii	19			Calif.,* Hawaii.
<i>Pisum sativum</i> (pea)	do.	1			Calif.*
<i>Sesbania grandiflora</i>	do.	1			Hawaii.
<i>Sesbania</i> sp.	do.	1			Hawaii.
<i>Laspeyresia araucaria</i> Pastrana (?) (Olethreutidae):					
<i>Araucaria</i> sp.	Brazil			1	La.
<i>Laspeyresia splendana</i> (Hbn.) (Olethreutidae):					
<i>Castanea</i> sp. (chestnut)	France, Greece, Italy, Portugal, Spain, Yugoslavia.	62	1		Ill., Mass., N.Y.
<i>Quercus suber</i> (cork oak)	Italy			1	N.J.
<i>Quercus</i> spp.	Italy, Morocco (?)	1		1	La., N.J.
<i>Lecanium corni</i> Bouché (Coccidae):					
<i>Chrysanthemum</i> sp.	Poland	1			Ill.
<i>Sorbus</i> sp. (mountainash)	Norway	1			N.Y.
<i>Lepidosaphes conchiformis</i> (Gmel.) (Coccidae):					
<i>Chaenomeles</i> sp. (flowering quince)	Japan			1	Wash.
<i>Pyrus communis</i> (pear)	do.	1			Calif.*
<i>Lepidosaphes conchiformis</i> (Gmel.) (tentative) (Coccidae):					
<i>Diospyros kaki</i> (kaki persimmon)	do.	1			Hawaii.
<i>Lepidosaphes esakii</i> Tak. (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Eniwetok, Guam, Kwajalein.	5			Calif.,* Hawaii, Wash.
<i>Lepidosaphes ficus</i> (Sign.) (Coccidae):					
<i>Ficus</i> sp. (fig)	Italy			1	N.J.

Pests Collected and Reported From July 1, 1958, Through June 30, 1959—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Lepidosaphes philococcus</i> (Ckll.) (Coccidae): Cactus.....	Mexico.....			3	Tex.
<i>Lepidosaphes pini</i> (Mask.) (Coccidae): <i>Pinus parviflora</i> (Japanese white pine).....	Japan.....			1	Calif.*
<i>Pinus</i> sp.....	do.....			1	Hawaii.
<i>Lepidosaphes tokionis</i> (Kuw.) (Coccidae): <i>Codiaeum variegatum</i> (variegated codiaeum).....	Australia, Bahamas, Fiji Islands, Hawaii, South Pacific, Trinidad.....	10	3	5	D.C., Fla., Hawaii.
<i>Codiaeum variegatum</i> 'Pictum'.....	Australia.....	1			Hawaii.
<i>Codiaeum variegatum</i> 'Punctatumaureum'.....	Barbados.....			2	Mass.
<i>Codiaeum</i> sp.....	Fiji Islands.....			1	Hawaii
<i>Lepidosaphes tuberculata</i> Mal. (Coccidae): <i>Cymbidium virescens</i> (orchid).....	Formosa.....			1	Calif.*
<i>Cymbidium</i> sp.....	Australia, Formosa, Japan, Philippines.....	1		12	Calif.,* Hawaii, Hawaii,* N.J., N.Y.
<i>Cymbidium</i> vars.....	Australia, Formosa, Japan.....			12	Calif.*
Orchid.....	Japan.....			1	Hawaii.*
<i>Lepidosaphes tubulorum</i> Ferris (Coccidae): Leaf—unidentified.....	do.....	1			Hawaii.
<i>Leptoglossus chilensis</i> (Spin.) (Coreidae): <i>Vitis</i> sp. (grape).....	Chile.....	16			Fla., N.Y.
<i>Leptopharsa tenuis</i> (Champ.) (Tingidae): Orchid.....	Mexico.....			1	Tex.
<i>Leptura fulva</i> DeG. (Cerambycidae): Fruit.....	Europe (country(?)).....		1		N.Y.
<i>Leucaspis cockerelli</i> (de Charm.) (Coccidae): <i>Citrus aurantifolia</i> (lime).....	Colombia, El Salvador.....	1	1		Calif.*
<i>C. grandis</i> (pummelo).....	Hawaii.....		1		Calif.*
<i>C. limon</i> (lemon).....	Costa Rica, Guatemala.....	2			Calif.*
<i>C. paradisi</i> (grapefruit).....	Cuba.....		1		Calif.*
<i>C. sinensis</i> (orange).....	Cuba, Panama.....		2		Calif.*
<i>Dactyosperma album furfuraceum</i> (palm) Palm.....	Brazil.....			1	D.C.
	Honduras.....			1	Fla.
<i>Leucaspis loewi</i> Colvee (Coccidae): <i>Pinus</i> sp. (pine).....	Germany.....	1			Tex.
<i>Leucaspis pusilla</i> Loew (Coccidae): <i>Pinus</i> sp. (pine).....	Iraq.....	1			Tex.
<i>Leucaspis riccae</i> Targ. (Coccidae): <i>Olea europaea</i> (olive).....	Greece.....	1			N.Y.
<i>Leucinodes orbonalis</i> Guen. (Pyraustidae): <i>Solanum</i> sp.....	Liberia.....	1			N.Y.
<i>Leucochroma corope</i> (Cram.) (Pyraustidae): Airplane.....	Panama.....		1		Fla.
<i>Leucoptera coffeella</i> G.-M. (Lyonetiidae): <i>Coffea</i> sp.....	Brazil, Costa Rica, Mexico.....	3			Fla., N.Y., Tex.
<i>Ligyrocoris aurivilliana</i> (Dist.) (Lygaeidae): <i>Cucumis melo cantalupensis</i> (cantaloupe).....	Mexico.....	1			Ariz.
<i>Dioon edule</i>	do.....			2	Tex.
Orchid.....	Costa Rica, Mexico.....			2	Tex.
<i>Limax marginatus</i> (Müller) (Limacidae): Flowers.....	Guatemala.....	1			La.
Orchid.....	Costa Rica, Mexico.....			6	Fla., Tex.
Soil with ferns.....	Portugal.....			2	Fla.
<i>Limax maximus</i> L. (Limacidae): <i>Brassica oleracea capitata</i> (cabbage).....	Italy.....		1		Pa.
<i>Limax maximus</i> L. (?) (Limacidae): Orchid.....	Colombia.....			1	Fla.
<i>Limothrips denticornis</i> (Hal.) (Thripidae): <i>Begonia</i> sp.....	Germany.....			1	N.Y.
<i>Calluna vulgaris</i> (heather).....	Scotland.....	1			N.Y.
<i>Convallaria majalis</i> (lily-of-the-valley).....	Denmark.....			1	N.Y.
<i>Fagus sylvatica</i> (European beech).....	do.....			1	N.Y.
<i>Listroderes subcinctus</i> (Boh.) (Curculionidae): <i>Prunus persica</i> (peach).....	Chile.....	1			N.Y.

Pests Collected and Reported From July 1, 1958, Through June 30, 1959—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Lobesia botrana</i> (Schiff.) (Olethreutidae):					
<i>Vitis</i> sp. (grape)	France		1		Mass.
<i>Lophothetes hirsutus</i> (Zimm.) (Curculionidae):					
<i>Brassica chinensis</i> (Chinese cabbage)	Mariana Islands	1			Hawaii.
<i>Lucanus cervus</i> (L.) (Lucanidae):					
Airplane	Germany		1		N.J.
<i>Lyctus africanus</i> Lesne (Lyctidae):					
Wood (crate)	India	3			N.Y.
<i>Lygaeus albo-ornatus</i> Blanch. (Lygaeidae):					
<i>Allium cepa</i> (onion)	Chile	1			N.Y.
<i>Lygaeus pandurus</i> (Scop.) (Lygaeidae):					
Airplane	Unknown		1		S.C.
<i>Mamestra brassicae</i> (L.) (Noctuidae):					
Airplane	Guam(?)		1		Hawaii.
<i>Brassica oleracea capitata</i> (cabbage)	France, Japan	1	1		St. Thomas & St. John, Wash.
<i>Maruca testulalis</i> (Geyer) (Pyraustidae):					
<i>Cajanus cajan</i> (pigeonpea)	Puerto Rico	11			N.Y., P.R.
<i>Canavalia microcarpa</i>	Hawaii	1		1	Hawaii.
<i>Canavalia</i> sp.	do	9			Calif.*
<i>Phaseolus vulgaris</i> var. (string bean)	Brazil, Puerto Rico, Trinidad	1	2		Hawaii.
<i>Sesbania grandiflora</i>	Hawaii	1			Fla., Pa.,
<i>Mecolaemus carvalhoi</i> (Costa Lima) (Miridae):					
<i>Oncidium</i> sp. (orchid)	Costa Rica			1	Hawaii.
<i>Megacerus alternatus</i> Bridw. (Bruchidae):					
<i>Operculina tuberosa</i> (wood-rose)	Hawaii	1			Fla.
<i>Megachile fullawaji</i> Ckll. (Megachilidae):					
Airplane	Palmyra Island(?)		1		Hawaii.
<i>Megalonomus chiragra</i> (Fabr.) (Lygaeidae):					
<i>Erica</i> sp. (heath)	Canada			1	Wash.
<i>Megastigmus pistaciae</i> Wlk. (Torymidae):					
<i>Schinus terebinthifolia</i> (Brazil peppertree)	Union of South Africa			1	N.J.
<i>Megastigmus suspectus pinsapinis</i> Hfsm. (Torymidae):					
<i>Cedrus libani</i> (Cedar-of-Lebanon)	Turkey			1	N.J.
<i>Melanocoryphus circumlitus</i> (Stal) (Lygaeidae):					
Orchid	Mexico			1	Fla.
<i>Melanoides tuberculata</i> (Müller) (Thiaridae):					
<i>Marsilea quadrifolia</i> (?) (aquatic plant)	Australia			1	Calif.*
<i>Metamasius hemipterus hemipterus</i> (L.) (Curculionidae):					
Airplane	Puerto Rico		1		P.R.
<i>Musa paradisiaca sapientum</i> (banana)	Dominican Republic, Puerto Rico	3			Fla., P.R.
<i>Metamasius hemipterus sericeus</i> (Ol.) (Curculionidae):					
Airplane	Cuba		1		Fla.
<i>Chamaedorea oblongata</i>	Mexico	1			Tex.
<i>Hibiscus esculentus</i> (okra)	Cuba	1			La.
<i>Musa paradisiaca sapientum</i> (banana)	Ecuador, Guatemala, Honduras, Panama	43	1		La., Md., N.Y., Pa., S.C.
<i>Metepeche vittaticollis</i> (Stal) (Gryllidae):					
<i>Dioscorea</i> sp. (yam)	Hawaii	1			Hawaii.
Mail parcel	do	1			Hawaii.
<i>Metopoplax ditomoides</i> (Costa) (Lygaeidae):					
Herb—medicinal	Cuba	1			Fla.
Military cargo	Morocco(?), unknown	2			La., N.J.
<i>Miccotrogus pictrostris</i> (F.) (Curculionidae):					
Orchid	France			1	N.Y.
<i>Micrapate labialis</i> Lesne (Bostriichidae):					
Wood (crate)	Mexico	1			Ariz.
<i>Micrelus ericae</i> (Gyll.) (Curculionidae):					
<i>Calluna vulgaris</i> (heather)	Scotland	1			N.Y.
<i>Milax gagates</i> (Draparnaud) (Limacidae):					
<i>Brassica oleracea capitata</i> (cabbage)	Italy		2		Pa.

Pests Collected and Reported From July 1, 1958, Through June 30, 1959—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Mimosestes dominicanus</i> (Jek.) (Bruchidae): <i>Caesalpinia coriaria</i>	Mexico.....	1			Tex.
<i>Minthea rugicollis</i> (Wlk.) (Lycetidae): Bamboo.....	Vietnam.....	1			Hawaii.
Wood.....	Colombia, Haiti.....	2			La., P.R.
<i>Miogryllus ensifer</i> (Seudd.) (Gryllidae): Orchid.....	Panama.....			1	Fla.
<i>Mocis frugalis</i> (F.) (Noctuidae): Airplane.....	Guam(?), Midway Islands(?).....		2		Hawaii.
<i>Monacha cantiana</i> (Montagu) (Helicellidae): Sphagnum moss with tree.....	Italy.....			1	N.Y.
<i>Monacha schotti</i> (Pfeiffer) (Helicellidae): Peat moss.....	Israel.....	1			N.Y.
<i>Monanthia lupuli</i> (H.-S.) (Tingidae): Trifolium sp. (clover).....	Yugoslavia.....			1	D.C.
<i>Monomorium destructor</i> (Jerd.) (Formicidae): <i>Allium sativum</i> (garlic).....	Italy.....	1			P.R.
<i>Ansellia</i> sp. (orchid).....	East Africa.....			1	N.Y.
<i>Aponogeton</i> sp.....	Ceylon.....			2	N.Y.
<i>Averrhoa</i> sp.....	Philippines.....	1			Hawaii.
<i>Blighia sapida</i> (akee).....	Jamaica.....	1			N.Y.
<i>Dioscorea</i> sp. (yam).....	do.....	1			N.Y.
Fruit—unidentified.....	Bahamas.....	1			N.Y.
<i>Lilium</i> sp. (lily).....	Dominican Republic.....	1			N.Y.
<i>Samanea saman</i> (raintree saman).....	Philippines.....	1			Hawaii.*
<i>Tamarindus</i> sp.....	do.....	1			Hawaii.
<i>Zea mays</i> (corn).....	Haiti.....	1			Fla.
<i>Morganella longispina</i> (Morg.) (Coccidae): <i>Citrus grandis</i> (pummelo).....	Tahiti.....		1		Hawaii.
<i>C. grandis</i> var. <i>sarawak</i>	do.....	1			Hawaii.
<i>C. reticulata</i> (Mandarin orange).....	Japan.....		1		Calif.*
<i>Citrus</i> sp.....	New Caledonia.....			1	D.C.
<i>Mormidea pictiventris</i> Stal (Pentatomidae): Orchid.....	Mexico.....			1	Tex.
<i>Mormidea pictiventris</i> of authors (Pentatomidae): Orchid.....	Cuba.....			1	Fla.
<i>Myodocha giraffa</i> Stal (Lygaeidae): Orchid.....	Mexico.....			1	Tex.
<i>Myrmecophila americana</i> Sauss. (Gryllidae): Anthurium sp.....	do.....			1	Tex.
<i>Myrmedobia distinguenda</i> Reut. (Microphysidae): <i>Calluna vulgaris</i> (heather).....	England.....	1			N.Y.
<i>Myzus anselliae</i> Hall (Aphidae): <i>Ansiella nilotica</i> (orchid).....	Kenya.....			1	Hawaii.
<i>Myzus ascalonicus</i> Done. (Aphidae): <i>Allium cepa</i> (onion).....	Ireland.....	1			N.Y.
Flowers—assorted.....	England, unknown.....	3			Mass., N.J., N.Y.
<i>Lactuca sativa</i> (lettuce).....	Europe (country(?)).....		1		N.Y.
Soil with <i>Primula</i> sp. (primrose).....	England.....			1	N.J.
<i>Nasutitermes corniger</i> (Motsch.) (Termitidae): Palm.....	Mexico.....	1			Tex.
<i>Nasutitermes costalis</i> (Holmgr.) (Termitidae): Orchid.....	Trinidad.....			1	N.Y.
<i>Nasutitermes ephratae</i> (Holmgr.) (Termitidae): Orchid.....	Venezuela.....			1	Fla.
<i>Nasutitermes rippertii</i> (Rambur) (Termitidae): Wood.....	Cuba.....	1			Fla.
<i>Naupactus xanthographus</i> (Germ.) (Curculionidae): <i>Vitis</i> sp. (grape).....	Argentina, Chile.....	6			Calif.,* La., N.Y.
<i>Neolytus acuminatus</i> (F.) (Cerambycidae): Quarters of ship.....	Venezuela(?).....		1		Tex.
<i>Neodryocetus guianae</i> Blkm. (Scolytidae): <i>Cajanus cajan</i> (pigeonpea).....	British Guiana.....	2			La., Pa.
<i>Neoleucinodes elegantalis</i> (Guen.) (Pyraustidae): <i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1			Tex.
<i>Solanum melongena</i> (eggplant).....	Brazil.....	1	1		Fla., N.Y.

Pests Collected and Reported From July 1, 1958, Through June 30, 1959—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Nephotettix apicalis</i> (Motsch.) (Cicadellidae): Airplane	Guam, Japan, Kwajalein(?), West Pacific.		5		Hawaii.
<i>Newsteadia floccosa</i> (deGeer) (Coccidae): Rosa sp.	Spain			1	N.Y.
<i>Nipponaclerda bicakoensis</i> (Kuw.) (Coccidae): Juncus sp. (rush)	Japan	1			Calif.*
<i>Niveaspis vulcanicus</i> Ferns (tentative) (Coccidae): Echeveria sp.	Ecuador			1	Calif.*
<i>Notogramma stigma</i> (F.) (Otitidae): Airplane	Christmas Island		1		Hawaii.
<i>Nysius coenosulus</i> Stal (Lygaeidae): Orchid	Hawaii	1			Hawaii.
Vanda jacaquimiae (orchid)	do	1			Hawaii.
Vanda sp.	do	6			Hawaii.
<i>Nysius plebeius</i> Dist. (Lygaeidae): Airplane	Japan		1		Hawaii.
Baggage	do		1		Hawaii.
<i>Nysius raphanus</i> Howard (Lygaeidae): Airplane	Cuba		1		Fla.
Brassica oleracea capitata (cabbage)	Mexico	1			Calif.
Chrysanthemum sp.	do	1			Tex.
Cucumis sativus (cucumber)	do	1			Ariz.
Gossypium sp. (cotton; flower)	do	1			Tex.
Matthiola sp.	do	1			Calif.
Portulaca oleracea (purslane)	do	2			Tex.
<i>Ochrinus collaris</i> (F.) (Lygaeidae): Baggage	Puerto Rico	2			P.R.
<i>Ochrinus vitticulis</i> (Stal) (Lygaeidae): Yucca sp.	Mexico			1	Tex.
<i>Odonaspis greenii</i> Ckll. (Coccidae): Bamboo	Hawaii	1			Hawaii.
<i>Odonaspis lobulatus</i> (Mask.) (Coccidae): Bambusa sp. (bamboo)	Japan	1			Calif.*
<i>Oedancala bimaculata</i> (Dist.) (Lygaeidae): Orchid	Mexico			1	Ariz.
<i>Oligonychus perditus</i> P. & B. (Tetranychidae): Juniperus sp. (juniper)	Japan			1	Wash.
<i>Opuntiaspis carinata</i> (Ckll.) (Coccidae): Nolina sp.	Mexico			1	Tex.
<i>Orchamoplatus citri</i> (Takah.) (Aleyrodidae): Citrus sp.	Australia		1		Hawaii.
<i>Orchamoplatus mammaeferus</i> (Q. & B.) (Aleyrodidae): Codiaeum variegatum (variegated codiaeum)	Australia, Fiji Islands, Japan, South Pacific.	4	7	2	Hawaii.
C. variegatum 'Pictum'	Australia	1			Hawaii.
Codiaeum sp.	Fiji Islands			1	Hawaii.
<i>Orellia punctata</i> (Schr.) (Tephritidae): Carthamus tinctorius (safflower)	Jordan			1	D.C.
<i>Orocharis vaginalis</i> Sauss. (Gryllidae): Codiaeum variegatum (variegated codiaeum)	Tortola			1	St. Thomas & St. John
<i>Orsillus depressus</i> Dallas (Lygaeidae): Chamaecyparis lawsoniana (Lawson falsecypress)	Italy			1	N.J.
<i>Orthezia praelonga</i> Dougl. (Coccidae): Orchid	Trinidad		1		P.R.
<i>Orthezia pseudinsignis</i> Morr. (Coccidae): Citrus sp.	Mexico	2			Tex.
Solanum muricatum (pepino)	Guatemala			1	D.C.
<i>Otala lactea</i> (Müller) (Helicidae): Military cargo	Greece	1			N.Y.
<i>Otala vermiculata</i> (Müller) (Helicidae): Military cargo	Morocco, unknown	2			La., N.J.
<i>Otosema odorata</i> (L.) (Noctuidae): Airplane	Hawaii		1		Hawaii.

Pests Collected and Reported From July 1, 1958, Through June 30, 1959—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Orychilus alliarius</i> (Müller) (Zonitidae):					
Soil with <i>Leontopodium</i> sp. (edelweiss).....	Germany.....			1	Mich.
Soil with moss.....	Iceland.....	1			N.J.
Soil with plants.....	Union of South Africa.....			1	Mass.
<i>Orychilus cellarius</i> (Müller) (Zonitidae):					
<i>Dianthus caryophyllus</i> (carnation).....	England.....			1	N.Y.
<i>Ozydema fusiforme</i> Woll. (Curculionidae):					
Mail parcel.....	Hawaii.....	1			Hawaii.
<i>Pachybrachius nictetri</i> (Dohrn) (Lygaeidae):					
Orchid.....	Philippines.....			1	Calif.*
<i>Pachybrachius nigriceps</i> (Dallas) (Lygaeidae):					
Airplane.....	Guam(?).....		1		Hawaii.
<i>Pagtiocerus fiorii</i> (Eggers) (Scolytidae):					
<i>Zea mays</i> (corn).....	Colombia, Cuba, Ecuador, Peru.....	9			Fla., N.J., N.Y.
<i>Paleopus costicollis</i> Mshl. (Curculionidae):					
<i>Dioscorea</i> sp. (yam).....	Trinidad, Venezuela.....	2			Fla., N.Y.
<i>Ipomoea batatas</i> (sweetpotato).....	Jamaica.....		1		Tex.
<i>Pallantia maculata</i> Dallas (Pentatomidae):					
Orchid.....	Mexico.....			1	Tex.
<i>Palomena angulosa</i> (Motshulsky) (Pentatomidae):					
<i>Ligustrum acuminatum</i> (sharpleaf privet).....	Japan.....			1	D.C.
<i>Palpita unionalis</i> (Hbn.) (Pyraustidae):					
<i>Jasminum</i> sp. (jasmine).....	France.....	1			N.Y.
<i>Parischoenus expositus</i> Champ. (Curculionidae):					
<i>Chamaedorea oblongata</i>	Mexico.....	2			Tex.
<i>Parischoenus flavolimbatus</i> Champ. (Curculionidae):					
<i>Chamaedorea oblongata</i>	do.....	17		2	Tex.
<i>Parlatoria chinensis</i> Marl. (Coccidae):					
<i>Spondias purpurea</i> (purple mombin).....	Philippines.....	1			Hawaii.
<i>Parlatoria cinerea</i> Hadden (Coccidae):					
<i>Citrus aurantifolia</i> (lime).....	Brazil, Trinidad.....	2			Calif.*
<i>C. aurantifolia</i> (sour lime).....	Japan(?), Panama.....	2			Calif.,*
<i>C. limon</i> (lemon).....	Italy, Trinidad.....	3			Hawaii.
<i>C. paradisi</i> (grapefruit).....	Brazil, Panama, Trinidad.....	3			Calif.,* Pa. Ala., Calif.*
<i>C. reticulata</i> (Mandarin orange).....	Brazil.....	1	1		Calif.*
<i>C. sinensis</i> (orange).....	Argentina, Brazil, Union of South Africa, unknown.....	1	5		Calif.,* Fla.
<i>Parlatoria crotonis</i> Dougl. (Coccidae):					
<i>Codiaeum variegatum</i> (variegated codiaeum).....	Hawaii.....	3			Hawaii.
<i>Codiaeum</i> sp.....	do.....		2		Calif.*
<i>Parlatoria oleae</i> (Colvee) (Coccidae):					
<i>Diospyros</i> sp. (persimmon).....	Italy.....	1			N.Y.
<i>Olea europaea</i> (olive).....	do.....			1	N.Y.
<i>Olea</i> sp.....	Greece.....			1	D.C.
<i>Prunus domestica</i> (plum).....	Malta.....	1			Mich.
<i>Sorbus domestica</i> (servicetree mountainash).....	Greece.....		1		N.J.
<i>Parlatoria pseudaspidotus</i> Ldgr. (Coccidae):					
Orchid.....	Burma, Panama.....			3	Fla., N.Y.
<i>Phalaenopsis leucorrhoda</i> (orchid).....	Philippines.....			1	Calif.*
<i>Vanda joaquimiae</i> (orchid).....	Hawaii.....	2			Hawaii.
<i>Vanda</i> sp.....	Canal Zone, Hawaii.....			2	Fla., Hawaii
<i>Parlatoria zizyphus</i> (Lucas) (Coccidae):					
<i>Citrus aurantifolia</i> (lime).....	Philippines.....		1		Calif.*
<i>C. grandis</i> (pummelo).....	China, Fiji Islands, Hawaii, Hong Kong.....	6			Calif.,*
<i>C. limon</i> (lemon).....	Japan, unknown.....	3	2		Hawaii.
<i>C. paradisi</i> (grapefruit).....	Algeria, Hawaii.....		2		Calif.*
<i>C. reticulata</i> (Mandarin orange).....	China, Formosa, Hong Kong, Indonesia, Italy, Japan, Okinawa, Philip- pines, unknown, Vietnam.....	13	7		Calif.,* Hawaii, Mass.

Pests Collected and Reported From July 1, 1958, Through June 30, 1959—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Parlatoria zizyphus</i> (Lucas) (Coccidae—Con. <i>C. reticulata</i> var. (King orange)-----	Formosa, Japan, Philippines, Thailand.	4	1	---	Hawaii.
<i>C. sinensis</i> (orange)-----	China, Hawaii, Hong Kong, Italy, Japan, Okinawa, Philippines, Spain, Tunisia, unknown.	5	7	---	Calif.,* Hawaii, Mass.
<i>Citrus</i> sp.-----	China, Hong Kong-----	1	---	1	D.C., Hawaii.
<i>Paroecanthus annulatus</i> (Seudd.) (Gryllidae): Airplane-----	Nicaragua-----	---	2	---	Fla.
<i>Parthenothrips dracaenae</i> (Heeger) (Thripidae): Flowers—assorted-----	Sweden-----	1	---	---	N.Y.
<i>Pealius azaleae</i> (B. & M.) (Aleyrodidae): <i>Rhododendron simsii</i> (Indian azalea)-----	England-----	---	---	1	N.J.
<i>Pealius hibisci</i> (Kot.) (Aleyrodidae): <i>Gardenia augusta</i> -----	Hawaii-----	1	---	---	Hawaii.
<i>Pectinophora gossypiella</i> (Saund.) (Gelechiidae): <i>Gossypium barbadense</i> (cotton; boll)-----	do-----	1	---	---	Hawaii.
<i>Gossypium</i> sp. (cotton; boll)-----	Cuba, Jamaica, Mexico, Trinidad.	3	---	1	Fla., N.Y., P.R., Tex.
<i>Gossypium</i> sp. (cottonseed)-----	Brazil, Hawaii, Mexico, Puerto Rico.	7	1	---	Calif.,* Fla., La., Tex.
<i>Gossypium</i> sp. (seed cotton)-----	Mexico-----	---	2	---	Tex.
<i>Hibiscus esculentus</i> (okra)-----	Dominican Republic-----	2	1	---	N.Y., Pa., P.R.
<i>Pectinophora scutigera</i> (Hold.) (Gelechiidae): <i>Gossypium</i> sp. (cotton; boll)-----	Hawaii-----	1	---	---	Hawaii.
<i>Pentalonia nigronervosa</i> Coq. (Aphidae): <i>Alpinia purpurata</i> -----	do-----	5	---	---	Hawaii.
<i>Mangifera indica</i> (mango)-----	Cuba-----	1	---	---	N.Y.
<i>Mentha</i> sp.-----	Guam-----	---	---	1	Wash.
<i>Musa</i> sp.-----	American Samoa-----	1	---	---	Hawaii.
<i>Strelitzia</i> sp.-----	Belgian Congo, Puerto Rico.	1	1	---	Ala., N.Y.
<i>Zingiber</i> sp. (ginger)-----	Hawaii-----	2	---	---	Hawaii.
<i>Pentamerismus oregonensis</i> McG. (Tenuipalpidae): <i>Juniperus chinensis</i> (pyramid Chinese juniper)-----	Japan-----	---	---	1	Hawaii.*
<i>Pentharthrum hattoni</i> Woll. (Curculionidae): <i>Dahlia</i> sp.-----	France-----	1	---	---	Ill.
<i>Perkinsiella saccharicida</i> Kirk. (Delphacidae): <i>Coccoloba uvifera</i> (common seagrape)-----	Hawaii-----	1	---	---	Hawaii.
<i>Pheidole megacephala</i> (F.) (Formicidae): <i>Alpinia purpurata</i> -----	do-----	1	---	---	Hawaii.
<i>Ananas comosus</i> (pineapple)-----	Cuba-----	2	---	---	N.Y.
Burlap bag-----	Unknown-----	1	---	---	N.Y.
<i>Casimira</i> sp.-----	Cuba-----	---	---	1	N.Y.
<i>Cocos nucifera</i> (coconut)-----	Palmyra Island-----	---	---	1	Hawaii.
<i>Dendrobium</i> sp. (orchid)-----	Australia-----	---	---	1	Hawaii.
Driftwood-----	Bermuda-----	1	---	---	Mass.
<i>Heliconia</i> sp.-----	Hawaii-----	1	---	---	Hawaii.
Herbs-----	Puerto Rico-----	1	---	---	Ill.
<i>Hibiscus esculentus</i> (okra)-----	Cuba-----	1	---	---	N.Y.
<i>Leucaena glauca</i> -----	Hawaii-----	1	---	---	Hawaii.
<i>Lilium</i> sp. (lily)-----	Bermuda-----	1	---	---	N.Y.
<i>Mentha</i> sp. (mint)-----	Cuba-----	1	---	---	N.Y.
<i>Nothopanax quillfoylei</i> -----	Fiji Islands-----	---	1	---	Hawaii.
Orchid-----	British Honduras, Cuba, Hawaii, Honduras.	1	---	3	Fla., N.Y., Hawaii.
Plant—unidentified-----	Cape Verde Islands-----	---	---	1	N.Y.
<i>Secchium edule</i> (chayote)-----	Cuba-----	1	---	---	N.Y.
Succulent-----	Bermuda-----	1	---	---	N.Y.
<i>Phelypera distigma</i> Boh. (Curculionidae): Bromeliad-----	Mexico-----	---	---	1	Tex.
Orchid-----	do-----	---	---	3	Tex.

Pests Collected and Reported From July 1, 1958, Through June 30, 1959—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Phenacoccus hirsutus</i> Green (Coccidae):					
<i>Spondias purpurea</i> (purple mombin)	Philippines	1			Hawaii.
<i>Phenacoccus stelli</i> (Brain) (Coccidae):					
<i>Protea</i> sp.	Union of South Africa	1			Tex.
<i>Philaenus leucophthalmus</i> (L.) (Cercopidae):					
<i>Cynara scolymus</i> (artichoke)	France	1			N.Y.
<i>Rosmarinus officinalis</i> (rosemary)	Italy			1	Mass.
<i>Phloeosinus shotoensis</i> Muray. (Scolytidae):					
Wood (dunnage)	Japan		1		Fla.
<i>Phlyctinus callosus</i> Boh. (Curculionidae):					
<i>Vitis</i> sp. (grape)	Union of South Africa	1			N.Y.
<i>Phytomyza gentianae</i> (Hend.) (?) (Agromyzidae):					
<i>Gentiana</i> sp.	Switzerland	1			N.J.
<i>Phytomyza rufipes</i> Meig. (Agromyzidae):					
<i>Brassica oleracea botrytis</i> (cauliflower)	Belgium, England, France, Germany, Great Britain, Ireland, Italy, Netherlands, Sweden.		24		Pa., Tex.
<i>B. oleracea bullata</i> (Savoy cabbage)	Ireland		1		Pa.
<i>B. oleracea capitata</i> (cabbage)	Denmark, England, Germany, Ireland, Italy, Netherlands.		15		Pa., Tex.
<i>Cichorium endivia</i> (endive)	Belgium	5			N.Y.
<i>C. intybus</i> (chicory)	do	1			N.Y.
<i>Piesma capitatum</i> (Wolff) (Piesmatidae):					
Herbs	Italy	1			Mass.
<i>Pinnaspis buxi</i> (Bouché) (Coccidae):					
<i>Anthurium</i> sp.	Costa Rica			1	Fla.
<i>Cordylone terminalis</i> (ti)	Hawaii	1			Hawaii.
<i>Dictyosperma album furfuraceum</i> (princeess-palm).	Brazil			1	D.C.
<i>Dracaena</i> sp.	Trinidad		1		Fla.
<i>Heliconia</i> sp.	Cuba			1	Fla.
<i>Neomoorea</i> sp.	Canal Zone			1	Fla.
<i>Philodendron</i> sp.	Hawaii	1	1	1	Calif.,* Hawaii.
<i>Spathiphyllum</i> sp.	Philippines			1	Hawaii.
<i>Pinnaspis orchidarum</i> (Ferris) (Coccidae):					
<i>Vanda dearei</i> (orchid)	Singapore			1	Hawaii.
<i>Pinnaspis uniloba</i> (Kuw.) (Coccidae):					
<i>Alyxia olivaeformis</i> (maile alyxia)	Hawaii	1			Hawaii.
<i>Pityogenes chalcographus</i> (L.) (Scolytidae):					
<i>Picea</i> sp. (spruce)	Belgium	1			Fla.
<i>Pinus</i> sp. (pine)	Norway, Sweden	2			N.Y.
Wood (crate)	Belgium, Sweden	4			Fla.
<i>Pityogenes quadridens</i> (Hartig) (Scolytidae):					
Wood (crate)	Sweden	1			Fla.
<i>Pityokteines spinidens</i> (Reitt.):					
Wood (crate)	Germany	1			Mass.
<i>Pityophthorus micrographus</i> (L.) (Scolytidae):					
<i>Pinus</i> sp. (pine)	Sweden	2			N.Y.
<i>Plagioderia scabricula</i> (Stal) (Chrysomelidae):					
Orchid	Mexico			2	Tex.
<i>Plagionotus arcuatus</i> (L.) (Cerambycidae):					
Wood	Unknown		1		Fla.
<i>Platynota rostrana</i> (Wlk.) (Tortricidae):					
<i>Ananas comosus</i> (pineapple)	Cuba	2			N.Y.
<i>Capiscum frutescens</i> (pepper)	Cuba, Mexico	2			N.Y., Tex.
<i>C. frutescens grossum</i> (bell pepper)	Cuba	1			Fla.
<i>Citrus reticulata</i> (Mandarin orange)	Jamaica	1			N.Y.
Flowers	Mexico	1			Tex.
<i>Musa paradisica</i> (plantain)	Honduras	3			Fla.
Orchid	Costa Rica			1	Fla.
<i>Punica granatum</i> (pomegranate)	Mexico	1			Tex.
<i>Platypus rugulosus</i> Chap. (Platypodidae):					
Airplane	Panama		1		Fla.
Log	Colombia	1			Ga.
<i>Prioria copaifera</i> (cative)	do	2			Ga.
<i>Solanum tuberosum</i> (potato)	Mexico	1			Tex.

Pests Collected and Reported From July 1, 1958, Through June 30, 1959—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Platysectra analis</i> (Costa) (Pterygophoridae):					
<i>Eucalyptus</i> sp.	Australia	1			Hawaii.
<i>Plesiommata mollicella</i> (Fowler) (Cicadellidae):					
Airplane	Nicaragua		1		Fla.
<i>Plusia chalcites</i> (Esp.) (Noctuidae):					
Baggage	Hawaii	1			Hawaii.
<i>Cordyline terminalis</i> (ti)	do	2		1	Calif.,* Hawaii.
<i>Vanda</i> sp. (orchid)	do	1			Hawaii.
<i>Polygraphus rufipennis</i> (Kby.) (Scolytidae):					
Bark	Canada	1			N.J.
<i>Pollinia pollini</i> (Costa) (Coccidae):					
<i>Olea</i> sp.	Greece			1	D.C.
<i>Porotermes quadricollis</i> (Rambur) (Hodotermitidae):					
<i>Prunus persica nectarina</i> (nectarine)	Chile	1			N.Y.
<i>Porphyrobaphe isotoma</i> (Sowerby) (Bulimulidae):					
<i>Musa paradisiaca sapientum</i> (banana)	Ecuador	12			Fla., La., Md., N.Y., Pa.
<i>Prays oleellus</i> (F.) (Hyponomeutidae):					
<i>Olea europaea</i> (olive)	Greece, Lebanon, Turkey	3			Mass.
<i>Proelymiotis johanna</i> Schs. (Notodontidae):					
Airplane	Venezuela		1		Fla.
<i>Prospopius bankii</i> (F.) (Cerambycidae):					
Baggage	Hawaii	1			Hawaii.
<i>Protopulvinaria longivalvata</i> Green (Coccidae):					
<i>Codiaeum variegatum</i> (variegated codiaeum)	Trinidad			1	D.C.
<i>Eryngium</i> sp.	Puerto Rico	1			P.R.
<i>Protopulvinaria pyriformis</i> (Ckll.) (Coccidae):					
Flowers	Bermuda	1			Mass.
<i>Gardenia augusta</i>	Cuba	1			Fla.
<i>Murraya</i> sp. (?)	Antigua	1			P.R.
Plant—unidentified	Brazil			1	D.C.
<i>Pseudanaphothrips achaetus</i> (Bagn.) (?) (Thripidae):					
<i>Dianthus caryophyllus</i> (carnation)	Australia	1			Hawaii.
<i>Pseudaonidia clavigera</i> (Ckll.) (Coccidae):					
<i>Gardenia augusta</i>	Hawaii			1	Calif.*
<i>Pseudaonidia trilobitiformis</i> (Green) (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime)	Brazil		1		Fla.
<i>C. limon</i> (lemon)	do		2		Calif.,* Mass.
<i>C. reticulata</i> var. (King orange)	Philippines	2			Hawaii.
<i>Codiaeum variegatum</i> (variegated codiaeum)	Trinidad			1	D.C.
<i>Coffea</i> sp.	Brazil			2	N.Y.
<i>Mucuna nova-guineensis</i>	Trinidad			1	D.C.
<i>Pseudischnaspis alienus</i> (Newst.) (Coccidae):					
<i>Brassavola digbyana</i> (orchid)	British Honduras			1	Fla.
<i>Cattleya</i> sp. (orchid)	El Salvador			1	Fla.
<i>Epidendrum</i> sp. (orchid)	Mexico			1	Tex.
<i>Laelia anceps</i> (orchid)	Nicaragua			1	Tex.
<i>Oncidium sphacelatum</i> (orchid)	Mexico			1	Fla.
<i>Oncidium</i> sp.	Costa Rica			1	Fla.
Orchid	British Honduras, Canal Zone, Costa Rica, El Salvador, Guatemala, Panama.			9	Fla.
<i>Pseudischnaspis linearis</i> Hempel (Coccidae):					
<i>Holocalyx glaziovii</i>	Brazil			1	D.C.
<i>Pseudischnaspis longissima</i> (Ckll.) (Coccidae):					
<i>Mangifera indica</i> (mango)	Nicaragua	2			Calif.*
<i>Pseudochelidura sinuata</i> (Germ.) (Forficulidae):					
<i>Cynara scolymus</i> (artichoke)	Italy			1	N.Y.
<i>Pseudococcus boninensis</i> (Kuw.) (Coccidae):					
Cuttings	Dominican Republic			1	N.Y.
<i>Pseudococcus citricus</i> (Ezzat & McConnell) (Coccidae):					
<i>Dioscorea</i> sp. (yam)	Barbados	1			Mass.
<i>Myrtus communis</i> (true myrtle)	Italy			1	N.J.

Pests Collected and Reported From July 1, 1958, Through June 30, 1959—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Pseudococcus cualatensis</i> Ckll. (Coccidae):					
<i>Nolina</i> sp.	Mexico			1	Tex.
<i>Pseudococcus gahani</i> Green (Coccidae):					
Flowers—assorted	Union of South Africa	1			N.Y.
<i>Prunus domestica</i> (plum)	Chile	1			N.Y.
<i>P. persica</i> (peach)	Union of South Africa	1			N.Y.
<i>Pseudococcus lilacinus</i> Ckll. (Coccidae):					
<i>Annona reticulata</i> (custard-apple)	Philippines	1			Hawaii.
<i>Lansium domesticum</i>	do	1			Hawaii.
<i>Pseudococcus njalensis</i> Laing (Coccidae):					
<i>Theobroma cacao</i> (cacao)	Liberia	1			N.Y.
<i>Pseudococcus palmarum</i> (Ehrh.) (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Hawaii	5			Hawaii.
<i>Streitzia nicotai</i>	do	1			Hawaii.
<i>Pseudoparlatoria ostreata</i> Ckll. (Coccidae):					
<i>Oncidium</i> sp. (orchid)	Jamaica			1	Fla.
Orchid	Cuba, Guatemala, Mexico.			3	Fla.
<i>Psylla minuticon</i> Crawl. (?) (Psyllidae):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Ariz.
<i>Psylla rhododendri</i> Puton (Psyllidae):					
<i>Rhododendron ferrugineum</i> (rock rhododendron).	Switzerland	1			N.J.
<i>Rhododendron</i> sp.	do	1			Ill.
<i>Psylliodes punctifrons</i> Baly (Chrysomelidae):					
<i>Brassica chinensis</i> (Chinese cabbage)	Japan		1		N.C.
<i>Pulvinaria floccifera</i> (Westw.) (Coccidae):					
<i>Camellia</i> sp.	England	1			N.Y.
<i>Pulvinaria psidii</i> Mask. (Coccidae):					
<i>Alpinia purpurata</i>	Hawaii	2			Hawaii.
<i>Boerlagiodendron</i> sp.	Philippines			1	Hawaii.*
<i>Ficus pandurata</i> (fiddleleaf fig)	Mexico			1	Tex.
<i>Gardenia augusta</i>	Hawaii	5			Hawaii.
<i>Izora</i> sp.	South Pacific		1		Hawaii.
<i>Litchi chinensis</i> (lychee)	Hawaii	2			Hawaii.
<i>Melastoma</i> sp.	Federation of Malaya	1			Hawaii.
<i>Murraya</i> sp. (?)	Antigua	1			P.R.
<i>Zanthoxylum</i> sp.	Nepal	2			D.C.
Zingiberaceae	Hawaii	2			Hawaii.
<i>Pulvinaria urbicola</i> Ckll. (Coccidae):					
<i>Capiscum frutescens</i> (pepper)	Puerto Rico	1			P.R.
<i>Puto mexicanus</i> (Ckll.) (Coccidae):					
Corm—unidentified	Mexico	1			Tex.
<i>Mammillaria</i> sp. (cactus)	do			1	Tex.
<i>Puto ulter</i> Ferris (Coccidae):					
<i>Epidendrum stamfordianum</i> (orchid)	Guatemala			1	Tex.
Orchid	do			1	Fla.
<i>Pycnarthrum pallidum</i> (Chap.) (Scolytidae):					
Airplane	Cuba		1		Fla.
<i>Pycnoderes monticulifer</i> Reuter (Miridae):					
Airplane	Dominican Republic		1		P.R.
<i>Pyrausta nubilalis</i> (Hbn.) (Pyraustidae):					
<i>Capiscum frutescens</i> (pepper)	Italy, Poland	2			N.Y.
<i>Phaseolus vulgaris</i> var. (string bean)	Japan		1		Wash.
<i>Solanum</i> sp.	Union of South Africa	1			N.J.
<i>Sorghum vulgare technicum</i> (broomcorn)	Italy	1	1		La., N.Y.
<i>Zea mays</i> (corn)	Azores, Italy	2			N.Y.
<i>Pygocorypha sallei</i> Sauss. (Tettigoniidae):					
Bromeliad	Mexico			1	Tex.
<i>Restidia ruha</i> Dyar (?) (Chrysaugidae):					
Leaves	Guatemala	1			Ala.
<i>Reticulitermes flavipes</i> (Koll.) (Rhinotermitidae):					
<i>Gossypium</i> sp. (cotton)	Mexico	1			Tex.
<i>Reticulitermes lucifugus</i> (Rossi) (Rhinotermitidae):					
Soil with <i>Tulipa</i> sp.	Italy			1	N.Y.
<i>Reticulitermes tibialis</i> Banks (Rhinotermitidae):					
Crate	Mexico	1			Calif.
<i>Rhabdoscelus obscurus</i> (Boisd.) (Curculionidae):					
<i>Saccharum officinarum</i> (sugarcane)	Hawaii	1			Calif.*

Pests Collected and Reported From July 1, 1958, Through June 30, 1959—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Rhagoletis cerasi</i> (L.) (Tephritidae): <i>Prunus</i> sp. (cherry)-----	France, Germany, Hungary, Italy, Poland, Portugal, Rumania, Spain, Yugoslavia.	19	12	-----	Calif.,* Mass., Mich., N.Y., Tex., Va.
<i>Rhagoletis cerasi</i> (L.) (?) (Tephritidae): <i>Prunus</i> sp. (cherry)-----	Germany-----	1	-----	-----	N.J.
<i>Rhapogaster nebulosa</i> (Poda) (Pentatomidae): <i>Lactuca sativa</i> (lettuce)-----	France-----	-----	1	-----	P.R.
<i>Rhyparochromus alboacuminatus</i> (Goeze) (Lygaeidae): <i>Dianthus caryophyllus</i> (carnation)-----	do-----	1	-----	-----	N.Y.
<i>Ribua innoxia</i> Hein. (Phycitidae): <i>Ananas comosus</i> (pineapple)-----	Cuba, Dominican Republic. Cuba-----	27	-----	-----	Fla., N.Y.
<i>Bromelia pinguin</i> ----- <i>Saccharosydne saccharivora</i> (Westw.) (Delphacidae): Airplane-----	Cuba----- British West Indies-----	1	-----	-----	N.Y. P.R.
<i>Samodes cancellalis</i> (Zell.) (Pyraustidae): Airplane-----	Japan-----	-----	1	-----	Hawaii.
<i>Sardia pluto</i> (Kirk.) (Delphacidae): Airplane-----	Fiji Islands-----	-----	1	-----	Hawaii.
<i>Scaphidium atrum</i> Matth. (Scaphidiidae): Orchid-----	Mexico-----	-----	-----	3	Tex.
<i>Scaptocoris minor</i> Berg (Pentatomidae): Airplane-----	Venezuela-----	-----	1	-----	Fla.
<i>Schoenobius incertulas</i> (Wlk.) (Schoenobiidae): Airplane-----	Japan-----	-----	2	-----	Hawaii.
<i>Sciocoris cursilans</i> (F.) (?) (Pentatomidae): <i>Camellia</i> sp.-----	England-----	1	-----	-----	N.Y.
<i>Scobicia chevrieri</i> (Villa) (Bostrichidae): Cork stave-----	Morocco-----	1	-----	-----	Pa.
<i>Scolytus multistriatus</i> (Marsh.) (Scolytidae): <i>Pyrus communis</i> (pear)-----	Mexico-----	1	-----	-----	Calif.
<i>Ulmus</i> sp. (elm)-----	Canada-----	1	-----	-----	N.Y.
<i>Selenothrips rubrocinctus</i> (Giard) (Thripidae): <i>Amaryllis</i> sp.-----	Argentina-----	-----	1	-----	D.C.
<i>Anthurium</i> sp.----- <i>Codiaeum variegatum</i> (variegated codiaeum)-----	Cuba----- Hawaii-----	1	-----	1	Fla. Hawaii.
<i>Sesamia cretica</i> Led. (Noctuidae): <i>Sorghum vulgare technicum</i> (broomcorn)-----	Greece, Italy-----	3	-----	-----	N.Y.
<i>Sesamia nonagrioides</i> (Lef.) (?) (Noctuidae): <i>Zea mays</i> (corn)-----	Azores-----	1	-----	-----	N.Y.
<i>Simodactylus cinnamomeus</i> (Boisd.) (Elateridae): Plant material (dried arrangements)-----	Hawaii-----	1	-----	-----	Hawaii.
<i>Sinozylon anale</i> Lesne (Bostrichidae): Wood (on camel saddle)-----	Egypt-----	1	-----	-----	La.
<i>Sinozylon conigerum</i> Gerst. (Bostrichidae): Airplane-----	Japan-----	-----	1	-----	Hawaii.
<i>Siphanta acuta</i> (Wlk.) (Flatidae): <i>Hibiscus</i> sp.-----	Hawaii-----	-----	1	-----	Hawaii. Hawaii.
<i>Vanda</i> sp. (orchid)----- <i>Sipylus dilatatus</i> Wlk. (Membracidae): <i>Melastoma</i> sp.-----	do----- Federation of Malaya-----	1	-----	-----	Hawaii.
<i>Sitona hispidula</i> (F.) (Curculionidae): <i>Triticum aestivum</i> (wheat)-----	Italy-----	-----	1	-----	N.Y.
<i>Sitona lineata</i> (L.) (Curculionidae): <i>Lilium</i> sp. (lily)-----	Bermuda-----	1	-----	-----	N.Y.
<i>Tagetes florida</i> (marigold)----- <i>Solaropsis monile</i> (Broderip) (Camaenidae): <i>Musa paradisiaca sapientum</i> (banana)-----	do----- Ecuador-----	1	-----	-----	Mass. La., Md.
<i>Spodoptera exempta</i> (Wlk.) (Noctuidae): Airplane-----	Japan-----	-----	1	-----	Hawaii.
<i>Spodoptera mauritia</i> (Bdv.) (Noctuidae): Airplane-----	Japan(?)-----	-----	2	-----	Hawaii.
<i>Alpinia purpurata</i> ----- <i>Anthurium</i> sp.-----	Hawaii----- do-----	1	-----	-----	Hawaii. Hawaii.
<i>Codiaeum variegatum</i> (variegated codiaeum)----- <i>Cordylone</i> sp.-----	do----- do-----	-----	-----	1	Hawaii. Hawaii.
Flowers-----	do-----	1	-----	-----	Hawaii.

Pests Collected and Reported From July 1, 1958, Through June 30, 1959—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Stenotarsonemus laticeps</i> (Halb.) (Tarsonemidae):					
<i>Narcissus</i> 'Mahmoud'-----	Northern Ireland-----			1	N.J.
<i>Narcissus</i> sp.-----	England, Ireland, Northern Ireland, Scotland.			183	N.J.
<i>Stenodema holsatum</i> (F.) (Miridae):					
<i>Malus</i> sp.-----	Turkey-----			1	D.C.
<i>Stenodema laevigatum</i> (L.) (?) (Miridae):					
<i>Festuca elatior</i> (meadow fescue)-----	Yugoslavia-----			1	D.C.
<i>Stenoma catenifer</i> Wlsm. (Stenomidae):					
<i>Persea americana</i> (avocado)-----	Ecuador, El Salvador, Honduras, Mexico, Panama, Peru.	24	2	1	Calif.,* Fla., La., Tex.
<i>Stenopterus rufus</i> (L.) (Cerambycidae):					
<i>Rosa</i> sp.-----	France-----	1			N.Y.
<i>Stenoptilva stigmatodactyla</i> Zell. (Pterophoridae):					
<i>Gentiana</i> sp.-----	Switzerland-----	1			N.J.
<i>Stephanoderes hampei</i> (Ferr.) (Scolytidae):					
<i>Coffea</i> sp.-----	Aruba, Belgian Congo, Brazil.	2		1	N.Y., P.R., S.C.
<i>Stephanoderes perkinsi</i> Hopk. (Scolytidae):					
<i>Adenanthra pavonina</i> (sandal beadtrees)	Hawaii-----	1			Hawaii.
<i>Sternochetus frigidus</i> (F.) (Curculionidae):					
<i>Mangifera indica</i> (mango)-----	Borneo-----		1		Hawaii.
<i>Sternochetus mangiferae</i> (F.) (Curculionidae):					
<i>Mangifera indica</i> (mango)-----	Hawaii, India-----	58	5		Calif.,* Hawaii, Md., Pa., Wash.
<i>Sternochetus olivieri</i> (Fst.) (Curculionidae):					
<i>Mangifera indica</i> (mango)-----	Vietnam-----	1			Hawaii.
<i>Sybra alternans</i> (Wied.) (Cerambycidae):					
Airplane-----	Kwajalein-----		1		Hawaii.
<i>Argyrea nervosa</i> -----	Hawaii-----	1			Hawaii.
Baggage-----	Japan(?)-----	1			Hawaii.
<i>Operculina tuberosa</i> (wood-rose)-----	Hawaii-----	2			Hawaii.
Orchid-----	do-----	1			Hawaii.
Plant material (dried arrangements)-----	do-----	1			Hawaii.
<i>Plumeria</i> sp.-----	do-----	1			Hawaii.
<i>Syngrapha diffundens</i> (Wlk.) (Noctuidae):					
Airplane-----	Venezuela-----		1		Fla.
<i>Systole albipennis</i> Walk. (Eurytomidae):					
<i>Cortandrum sativum</i> -----	Germany(?), Morocco-----	2			Calif.*
<i>Systole geniculata</i> Foerster (Eurytomidae):					
<i>Foeniculum</i> sp. (fennel)-----	Italy-----	1			N.Y.
<i>Petroselinum crispum</i> (parsley)-----	Hawaii, Hong Kong-----			2	Hawaii.
<i>Tachardina lobata</i> (Green) (tentative) (Coccidae):					
<i>Michelia</i> sp. (?)-----	Hong Kong-----			1	Hawaii.
<i>Taeniothrips atratus</i> (Hal.) (Thripidae):					
<i>Calluna vulgaris</i> (heather)-----	England, Scotland-----	6			Mass., N.Y., Pa., Wash.
<i>Dianthus caryophyllus</i> (carnation)-----	England, Germany, Ireland, Poland, unknown.	5	1		Mass., N.Y., Pa.
<i>Dianthus</i> spp.-----	Germany-----	1			N.Y.
Flowers—assorted-----	Czechoslovakia, Eng- land, Sweden.	4	1		Mass., N.J., N.Y.
<i>Lathyrus</i> sp.-----	England-----	1			Pa.
<i>Pyrethrum</i> sp. (painted daisy)-----	Finland-----	1			N.Y.
<i>Rosa</i> sp.-----	England-----	3			Fla., Mass., N.Y.
<i>Taeniothrips dianthi</i> Pr. (Thripidae):					
<i>Dianthus caryophyllus</i> (carnation)-----	Brazil, Germany-----	1	2		Fla., Mass.
<i>Taeniothrips ericae</i> (Hal.) (Thripidae):					
<i>Calluna vulgaris</i> (heather)-----	England, Scotland-----	6		1	Mass., N.J., N.Y., Pa.
<i>Erica australis</i> (southern heath)-----	Portugal-----			1	D.C.
<i>Pyrethrum</i> sp. (painted daisy)-----	Finland-----	1			N.Y.

Pests Collected and Reported From July 1, 1958, Through June 30, 1959—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Taeniothrips gracilis</i> Mlt. (Thripidae):					
<i>Dianthus caryophyllus</i> (carnation)	Japan	1			Hawaii.
<i>Lycoris squamigera</i> (autumn lycoris)	do.			3	Calif.,*
<i>Lycoris</i> sp.	do.			3	N.Y.
<i>Taeniothrips hawaiiensis</i> (Morg.) (Thripidae):					
<i>Blandfordia</i> sp. (Christmas bells)	Australia			1	Hawaii.
<i>Dianthus caryophyllus</i> (carnation)	Japan	1	1		Hawaii.
<i>Gardenia augusta</i>	Hawaii, Japan	25			Wash.
<i>Paeonia</i> sp. (peony)	Japan	1			Hawaii.
<i>Plumeria</i> sp.	Hawaii	1			Hawaii.
<i>Rosa</i> sp.	Australia, Japan	1	1		Hawaii.
<i>Stephanotis</i> sp.	Hawaii	1			Wash.
<i>Taeniothrips picipes</i> (Zett.) (Thripidae):					Hawaii.
Flowers—assorted	England		1		N.Y.
<i>Taeniothrips vitticornis</i> (Ky.) (Thripidae):					
<i>Canavalia microcarpa</i>	Hawaii	1			Hawaii.
" <i>Targionia</i> " <i>bromiliae</i> (Leon.) (Coccidae):					
<i>Ananas comosus</i> (pineapple)	Mexico	1			Tex.
" <i>Targionia</i> " <i>hartii</i> (Ckll.) (Coccidae):					
<i>Dioscorea</i> sp. (yam)	Barbados	2	1		Mass.
<i>Zingiber officinale</i> (ginger)	do.	1			Fla.
<i>Teleonemia scrupulosa</i> Stal(?) (Tingidae):					
<i>Lantana camara</i> (common lantana)	Hawaii			1	Hawaii.
<i>Tenthecoris bicolor</i> Scott (Miridae):					
Orchid	Mexico			2	Tex.
<i>Tenthecoris confusus</i> Hsiao & Sailer (Miridae):					
Orchid	do.			4	Tex.
<i>Tenthecoris distinctus</i> Hsiao & Sailer (Miridae):					
<i>Lycaste</i> sp. (orchid)	Guatemala			1	Fla.
<i>Tenthecoris orchidearum</i> (Reuter) (Miridae):					
<i>Cattleya elongata</i> (orchid)	Brazil			1	Hawaii.
<i>Cattleya</i> sp.	do.			2	Fla.
Orchid	Mexico			1	Tex.
<i>Tenthecoris vestitus</i> (Dist.) (Miridae):					
Orchid	do.			2	Tex.
<i>Tenuipalpus heveae</i> Baker (Tenuipalpidae):					
<i>Hevea brasiliensis</i> (Para rubber tree)	Brazil			1	D.C.
<i>Tenuipalpus pacificus</i> Baker (Tenuipalpidae):					
<i>Cymbidium</i> sp. (orchid)	Australia			1	Hawaii.
<i>Phalaenopsis</i> sp. (orchid)	Barbados, Philippines, Singapore			3	Fla., Hawaii.
<i>Spathoglottis affinis</i> (orchid)	Singapore			1	Hawaii.
<i>Testacella maugei</i> Fer. (Testacellidae):					
<i>Lilium</i> sp. (lily)	Portugal			1	Mass.
<i>Tetranychus cinnabarinus</i> (Bois.) (Tetranychidae):					
<i>Citrus limon</i> (lemon)	Italy	1	1		N.Y.
<i>Dianthus caryophyllus</i> (carnation)	Israel		1		N.Y.
Flowers—assorted	Haiti	1			N.Y.
Herbs	Colombia	1			Fla.
<i>Mentha</i> sp. (mint)	Cuba			1	Fla.
Moss with <i>Passiflora</i> sp. (passionflower)	England	1			Mass.
<i>Rosa</i> sp.	Haiti, Mexico		1	1	Fla., Tex.
<i>Tetranychus viennensis</i> Zacker (Tetranychidae):					
<i>Malus sylvestris</i> (apple)	Japan	1			Hawaii.
<i>Pyrus pyrifolia</i> (sand pear)	do.	1			Hawaii.
<i>Pyrus</i> sp.	do.		1		Hawaii.
<i>Tetranychus longicornis</i> (Oll.) (Bostriichidae):					
Airplane	Brazil, British West Indies		2		Fla., P.R.
Wood (crate)	Cuba, Panama	3			Fla.
<i>Tettigonia oculata</i> Sign. (Cicadellidae):					
<i>Lactuca sativa</i> (lettuce)	Surinam		1		Tex.

Pests Collected and Reported From July 1, 1958, Through June 30, 1959—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Theba pisana</i> (Müller) (Helicidae):					
Baggage	Italy	1	—	—	N.Y.
Cargo—general	Morocco, unknown	4	—	—	N.Y., Va.
Military cargo	France, Italy, Libya, Morocco, North Africa (country(?)), Turkey.	80	—	—	La., N.J., N.Y., S.C., Tex., Va.
<i>Phaseolus vulgaris</i> var. (string bean)	Cuba	—	1	—	La.
<i>Spinacia oleracea</i> (spinach)	France	—	1	—	N.Y.
Wood (crate)	France, Morocco, North Africa (country(?)).	5	—	—	N.J., N.Y., Va.
<i>Thiara balonnensis</i> (Conrad) (Thiaridae):					
<i>Marsilea quadrifolia</i> (?) (aquatic plant)	Australia	—	—	1	Calif.*
<i>Thrips angusticeps</i> Uzel (Thripidae):					
<i>Anemone</i> sp.	Malta	2	1	—	N.Y.
<i>Brassica</i> sp. (mustard)	Italy	1	—	—	N.Y.
<i>Chrysanthemum</i> sp.	Greece	1	—	—	N.Y.
<i>Dianthus</i> spp.	Germany	1	—	—	N.Y.
<i>Lactuca sativa</i> (lettuce)	Morocco	—	1	—	Pa.
<i>Ranunculus</i> sp. (buttercup)	Israel	1	—	—	N.Y.
<i>Rosa</i> sp.	France	1	—	—	N.Y.
<i>Thrips flavus</i> Schrank (Thripidae):					
<i>Calluna vulgaris</i> (heather)	England	1	—	—	N.Y.
<i>Chrysanthemum</i> sp.	England, Japan	2	—	—	Hawaii, Mass.
Flowers—assorted	England, Sweden	2	—	—	Mass.
<i>Pyrethrum</i> sp. (painted daisy)	Finland	1	—	—	N.Y.
<i>Rosa</i> sp.	Germany	2	—	—	N.Y.
<i>Thrips imayinis</i> Bagn. (Thripidae):					
<i>Centaurea cyanus</i> (cornflower)	Australia	2	—	—	Hawaii.
<i>Dianthus caryophyllus</i> (carnation)	do.	—	1	—	Hawaii.
<i>Hesperis</i> sp.	do.	1	—	—	Hawaii.
<i>Hydrangea</i> sp.	do.	1	—	—	Hawaii.
<i>Iris</i> sp.	do.	1	—	—	Hawaii.
<i>Rosa</i> sp.	do.	2	1	—	Hawaii.
<i>Syringa</i> sp. (lilac)	do.	1	—	—	Hawaii.
<i>Thrips major</i> Uzel (Thripidae):					
<i>Calluna vulgaris</i> (heather)	England, Scotland	2	—	—	N.Y.
<i>Dianthus caryophyllus</i> (carnation)	Poland	1	—	—	N.Y.
Flowers—assorted	England, Ireland	3	—	—	Mass., N.Y.
<i>Mimosa</i> sp.	France	1	—	—	N.Y.
<i>Rosa</i> sp.	Belgium, England, France, Germany.	5	—	1	Mass., N.J., N.Y.
<i>Salix discolor</i> (pussywillow)	France	1	—	—	Ill.
<i>Tischeria complanella</i> Hbn. (Tischeriidae):					
<i>Castanea</i> sp. (chestnut)	Italy	—	1	—	Mass.
<i>Toxotrypana curvicauda</i> Gerst. (Tephritidae):					
<i>Carica papaya</i> (papaya)	Mexico	1	—	—	Tex.
<i>Trialeurodes lauri</i> (Sign.) (Aleyrodidae):					
<i>Laurus nobilis</i> (Grecian laurel)	Greece	1	—	—	Ill.
<i>Trialeurodes vitrinellus</i> Kkll. (Aleyrodidae):					
<i>Citrus sinensis</i> (orange)	Mexico	1	—	—	Tex.
<i>Citrus</i> sp.	do.	3	—	—	Tex.
<i>Trioxa anceps</i> Tuth. (Psyllidae):					
<i>Persea americana</i> (avocado)	do.	1	—	—	Tex.
<i>Trogoderma glabrum</i> (Hbst.) (Dermestidae):					
Bran	do.	—	1	—	Tex.
Cellulose	do.	2	—	—	Tex.
Grain	do.	—	5	—	Ariz., Tex.
Railway car (loaded with graphite)	do.	1	—	—	Ariz.
<i>Triticum aestivum</i> (wheat)	do.	3	1	—	Tex.
<i>Trogoderma granarium</i> Everts (Dermestidae):					
<i>Arachis hypogaea</i> (peanut)	Formosa, Nigeria(?), unknown.	—	4	—	Mich., N.Y., Ohio.
Bagging	England, Netherlands, Singapore.	6	2	—	S.C., Tex.
"Bean"	Formosa	—	1	—	N.Y.
<i>Cicer arietinum</i> (chickpea)	Greece	—	1	—	Tex.
Flour	England	—	1	—	Tex.

Pests Collected and Reported From July 1, 1958, Through June 30, 1959—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Trogoderma granarium</i> Everts (Dermestidae)—Continued					
<i>Lens culinaris</i> (lentils).....	Egypt.....		3		Tex.
<i>Linum</i> sp. (flax).....	Afghanistan.....			1	D.C.
<i>Oryza sativa</i> (rice).....	Australia, Formosa, India, Japan, Pakistan, unknown.	2	13		Ala., Hawaii, La., Md., N.Y., Tex., Wash.
With residue of titanium oxide	Unknown.....		1		Ohio.
Stores.....	Australia, Formosa, unknown.		7		Ala., La., Wash.
<i>Triticum durum</i> (durum wheat)	Iraq.....			1	D.C.
<i>Trogoderma grassmani</i> Beal (Dermestidae):					
<i>Carthamus tinctorius</i> (safflower).....	Iran.....			1	D.C.
<i>Trogoderma inclusum</i> LeConte (Dermestidae):					
Railway car.....	Mexico.....		1		Tex.
<i>Trogoderma parabile</i> Beal (Dermestidae):					
<i>Papaver</i> sp. (poppy).....	Afghanistan.....			1	D.C.
<i>Triticum aestivum</i> (wheat).....	Mexico.....	2			Tex.
<i>Trogoderma sternale plagifer</i> Csy. (Dermestidae):					
<i>Triticum aestivum</i> (wheat).....	do.....		1		Ariz.
<i>Troxylon prostomoides</i> (Gorh.) (Lyctidae):					
Bamboo.....	do.....	1			Tex.
<i>Tyrophagus infestans</i> (Berl.) (Acaridae):					
<i>Araucaria</i> sp.....	Italy.....			1	N.Y.
<i>Citrus sinensis</i> (orange).....	Argentina.....		1		Fla.
<i>Convolvulus</i> sp. (glorybind).....	Germany.....			1	N.Y.
Herb.....	Italy.....	1			Mass.
Soil with <i>Calluna vulgaris</i> (heather).....	England.....			1	Mass.
Soil with <i>Solanum tuberosum</i> (potato).....	Belgium.....		1		Ga.
<i>Ulopa reticulata</i> (F.) (Cicadellidae):					
<i>Calluna vulgaris</i> (heather).....	Sweden.....			1	N.Y.
<i>Unaspis citri</i> (Coinst.) (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime).....	Panama.....		1		Calif.*
<i>C. reticulata</i> (Mandarin orange).....	Japan.....		1		Calif.*
<i>C. sinensis</i> (orange).....	Argentina, Brazil, Japan, New Caledonia, Panama.		5		Calif.* Hawaii, N.Y.
<i>Unaspis yanonensis</i> (Kuw.) (Coccidae):					
<i>Citrus aurantifolia</i> (lime).....	Japan.....	2			Hawaii.
<i>C. aurantifolia</i> (sour lime).....	do.....		3		Calif.*
<i>C. aurantium</i> (sour orange).....	do.....	1	21		Hawaii.
<i>C. aurantium</i> var.....	do.....		3		Calif.*
<i>C. grandis</i> (pummelo).....	do.....	2	1		Calif.*
<i>C. ichangensis</i> var.....	do.....		1		Hawaii.
<i>C. ichangensis</i> X <i>C. reticulata</i> (ichandarin).....	do.....		1		Calif.*
<i>C. limon</i> (lemon).....	do.....	2	8		Calif.*
<i>C. paradisi</i> (grapefruit).....	do.....		5		Hawaii.
<i>C. reticulata</i> (Mandarin orange).....	China, Formosa, Japan, Okinawa, Philippines.	27	104		Calif.*
<i>C. reticulata</i> var. (King orange).....	Hong Kong, Japan.....	11	16		Hawaii.
<i>C. sinensis</i> (orange).....	Japan, Philippines.....	8	88		Calif.*
<i>Citrus</i> sp.....	Japan.....		6		Hawaii, Pa.
<i>Vallstius diversus</i> Dist. (Lygaeidae):					
Bromeliad.....	Panama.....			1	Fla.
<i>Verina supplicella</i> (Dyar) (Phycitidae):					
Leaves (packing with fruit).....	Guatemala.....	1			Ala.
<i>Veronicella sloani schielyae</i> Pilsbry (Veronicellidae):					
Orchid.....	Jamaica.....			1	Fla.

Pests Collected and Reported From July 1, 1958, Through June 30, 1959—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Vinsonia stellifera</i> (Westw.) (Coccidae):					
<i>Anthurium</i> sp.-----	Jamaica, Trinidad-----	2	-----	-----	Fla.
<i>Brassia gireoudiana</i> (orchid)-----	Canal Zone-----	-----	-----	1	Fla.
<i>Brassia</i> sp.-----	do-----	-----	-----	2	Fla.
<i>Broughtonia</i> sp. (orchid)-----	Jamaica-----	-----	-----	9	Fla.
<i>Catasetum pileatum</i> (?) (orchid)-----	Venezuela-----	-----	-----	1	N.J.
<i>Cattleya</i> sp. (orchid)-----	Antigua, Canal Zone-----	-----	-----	2	Fla.
<i>Coffea</i> sp.-----	Panama-----	-----	-----	1	P.R.
<i>Epidendrum ciliare</i> (orchid)-----	Trinidad-----	-----	-----	1	Fla.
<i>Epidendrum</i> spp.-----	Antigua, Canal Zone, Panama-----	-----	-----	4	Fla., P.R.
<i>Heliconia</i> sp.-----	Haiti-----	2	-----	-----	Fla.
<i>Laurus nobilis</i> (Grecian laurel)-----	Bahamas, Barbados-----	2	-----	-----	Fla., Mass.
<i>Oncidium</i> sp. (orchid)-----	British Honduras, Dominican Republic, Surinam-----	-----	-----	3	Fla.
Orchid-----	Bahamas, British Guiana, British Honduras, Canal Zone, Costa Rica, Dominican Republic, Jamaica, Kenya, Panama, Puerto Rico, Venezuela-----	-----	-----	17	Fla., P.R.
<i>Phalaenopsis</i> sp. (orchid)-----	Jamaica, Trinidad-----	-----	-----	2	Fla.
<i>Xeroleuca mograbina</i> (Morelet) (Helicellidae):					
Military cargo-----	Morocco-----	1	-----	-----	La.
<i>Xestolabus corvinus</i> (Gyll.) (Curculionidae):					
Bromeliad-----	Canal Zone-----	-----	-----	1	Calif.*
<i>Xiphidiopsis lita</i> Heb. (Tettigoniidae):					
<i>Anthurium</i> sp.-----	Hawaii-----	2	-----	-----	Hawaii.
<i>Codiaeum</i> sp.-----	do-----	1	-----	-----	Hawaii.
<i>Cordyline terminalis</i> (ti)-----	do-----	1	-----	-----	Hawaii.
<i>Lycopodium</i> sp. (clubmoss)-----	do-----	1	-----	-----	Hawaii.
Orchid-----	do-----	1	-----	-----	Hawaii.
<i>Vanda joaquimiae</i> (orchid)-----	do-----	1	-----	-----	Hawaii.
<i>Xyloperthella crinitarsis</i> (Imh.) (Bostrichidae):					
<i>Khaya</i> sp. (mahogany)-----	Liberia-----	1	-----	-----	Md.
<i>Zeadiatraea lineolata</i> (Wlk.) (Crambidae):					
<i>Saccharum officinarum</i> (sugarcane)-----	Bahamas-----	-----	1	-----	Fla.
<i>Zonitoides arboreus</i> (Say) (Zonitidae):					
Orchid-----	Costa Rica, Honduras, Mexico-----	-----	-----	6	Calif.* Tex.
Plants—unidentified-----	Japan-----	-----	1	-----	N.C.
Soil with fern roots-----	Portugal-----	-----	-----	1	Fla.
<i>Yucca</i> sp.-----	Mexico-----	-----	-----	1	Calif.

Hosts and Insects

- ACER:
Aceria macrochelus (Acarina)
A. macrorhynchus (Acarina)
- ACHRAS:
Anastrepha serpentina (Diptera)
Chrysomphalus personatus (Homoptera)
- ADENANTHERA:
Stephanoderes perkinsi (Coleoptera)
- AGAPANTHUS:
Iridomyrmex pilifer (Hymenoptera)
- AGAVE:
Batrachedra linaria (Lepidoptera)
Chrysomphalus agavis (Homoptera)
Gymnococcus agavium (Homoptera)
- ALLIUM CEPA:
Aceria tulipae (Acarina)
Lygaeus albo-ornatus (Hemiptera)
Myzus ascalonicus (Homoptera)
- ALLIUM PORRUM:
Acrolepia assectella (Lepidoptera)
Helix aspersa (Mollusca)
- ALLIUM SATIVUM:
Brachycerus abidentatus (Coleoptera)
B. algitus (Coleoptera)
Monomorium destructor (Hymenoptera)
- ALLIUM SP.:
Bradybaena similis (Mollusca)
- ALLOTHEROPSIS:
Chirothrips pretorianus (Thysanoptera)
Haplothrips gowdeyi (Thysanoptera)
- ALPINIA:
Pentalonia nigronervosa (Homoptera)
Pheidole megacephala (Hymenoptera)
Pulvinaria psidii (Homoptera)
Spodoptera mauritia (Lepidoptera)
- ALYXIA:
Ceroplastes rubens (Homoptera)
Coccu viridis (Homoptera)
Pinnaspis uniloba (Homoptera)
- AMARYLLIS:
Selenothrips rubrocinctus (Thysanoptera)
- ANANAS:
Pheidole megacephala (Hymenoptera)
Platynota rostrana (Lepidoptera)
Ribua innoxia (Lepidoptera)
"Targionia" bromilae (Homoptera)
- ANEMONE:
Thrips angusticeps (Thysanoptera)
- ANNONA:
Bephrata maculicollis (Hymenoptera)
Cerconota anonella (Lepidoptera)
Ctenoglyphus canestrinii (Acarina)
Pseudococcus lilacinus (Homoptera)
- ANSELLIA:
Monomorium destructor (Hymenoptera)
Myzus anselliae (Homoptera)
- ANTHISTIRIA:
Agrostothrips guillarmodi (Thysanoptera)
- ANTHURIUM:
Bradybaena similis (Mollusca)
Ceroplastes rubens (Homoptera)
Chrysomphalus reniformis (tentative) (Homoptera)
Conoderus exsul (Coleoptera)
Geotomus pygmaeus (Hemiptera)
Iridomyrmex pilifer (Hymenoptera)
Myrmecophila americana (Orthoptera)
Pinnaspis buxi (Homoptera)
Selenothrips rubrocinctus (Thysanoptera)
Spodoptera mauritia (Lepidoptera)
Vinsonia stelleri (Homoptera)
Xiphidiopsis lila (Orthoptera)
- ANTHIRRHINUM:
Haplothrips gowdeyi (Thysanoptera)
Iridomyrmex humilis (Hymenoptera)
- APIUM:
Arion hortensis (Mollusca)
Euleia heraclei (Diptera)
- APONOGETON:
Monomorium destructor (Hymenoptera)
- ARACEAE:
Hercynothrips bicornis (Thysanoptera)
- ARACHIS:
Caryedon fuscus (Coleoptera)
Trogoderma granarium (Coleoptera)
- ARAUCARIA:
Laspeyresia araucariae (?) (Lepidoptera)
Tyrophagus infestans (Acarina)
- ARBUTUS:
Acanthosoma haemorrhoidale (Hemiptera)
- ARECA:
Chrysomphalus propinquus (Homoptera)
- ARGYREIA:
Sybra alternans (Coleoptera)
- ARMORACIA:
Baris lepidii (Coleoptera)
- ARTOCARPUS:
Aspidiotus destructor (Homoptera)
- ASTER:
Haplothrips clariseta (?) (Thysanoptera)
- AVERRHOA:
Monomorium destructor (Hymenoptera)
- BAMBOO:
Antonina bambusae (Homoptera)
Asterolecanium bambusae (Homoptera)
Minthea rugicollis (Coleoptera)
Odonaspis greenii (Homoptera)
Trogosylus prostomoides (Coleoptera)
- BAMBUSA:
Odonaspis lobulatus (Homoptera)
- BAUHINIA:
Gibbrobruchus speculifer (Coleoptera)
- BEGONIA:
Limothrips denticornis (Thysanoptera)
- BETA:
Gnorimoschema ocellatella (Lepidoptera)
- BETULA:
Chionaspis salicis (Homoptera)
- BIXA:
Acanthoscelides bixae (Coleoptera)
- BLANDFORDIA:
Taeniothrips hawaiiensis (Thysanoptera)
- BLIGHIA:
Monomorium destructor (Hymenoptera)
- BOERLAGIODENDRON:
Pulvinaria psidii (Homoptera)
- BOUGAINVILLEA:
Haplothrips gowdeyi (Thysanoptera)
- BRASSA VOLA:
Furcaspis bifurmis (Homoptera)
Pseudischnaspis alienus (Homoptera)
- BRASSIA:
Asterolecanium epidendri (Homoptera)
Vinsonia stelleri (Homoptera)
- BRASSICA CHINENSIS:
Cicadella viridis (Homoptera)
Lophoteles hirsutus (Coleoptera)
Psylliodes punctifrons (Coleoptera)
- BRASSICA OLERACEA BOTRYTIS:
Deroceras reticulatum (Mollusca)
Phytomyza rufipes (Diptera)
- BRASSICA OLERACEA BULLATA:
Deroceras reticulatum (Mollusca)
Phytomyza rufipes (Diptera)
- BRASSICA OLERACEA CAPITATA:
Arion circumscriptus (Mollusca)
A. hortensis (Mollusca)
Deroceras reticulatum (Mollusca)
Euborellia stali (Dermaptera)
Evergestis forficalis (Lepidoptera)
Eysarcoris guttiger (Hemiptera)
Helicella maritima (Mollusca)
Limax maximus (Mollusca)
Manestira brassicae (Lepidoptera)
Milax gagates (Mollusca)
Nysius raphanus (Hemiptera)
Phytomyza rufipes (Diptera)
- BRASSICA RAPA:
Bradybaena similis (Mollusca)
Helicella undalis (Lepidoptera)
- BRASSICA SP.:
Thrips angusticeps (Thysanoptera)
- BROMELIA:
Acalymma trivittata (Coleoptera)
Althos obscurus (Hemiptera)
Dysdercus mimulus (Hemiptera)
Ribua innoxia (Lepidoptera)

Hosts and Insects—Continued

BROMELIAD:

- Althos obscurus* (Hemiptera)
- Capaneus tetricus* (Hemiptera)
- Cryphula apicatus* (Hemiptera)
- Deroceras reticulatum* (Mollusca)
- Furcaspis bifurcata* (Homoptera)
- Galgula punctifer* (Hemiptera)
- Iridomyrmex iniquus* (Hymenoptera)
- Phelypera distigma* (Coleoptera)
- Pygocorypha sallei* (Orthoptera)
- Valtissius diversus* (Hemiptera)
- Xestolabus corvinus* (Coleoptera)

BROUGHTONIA:

- Asterolecanium epidendri* (Homoptera)
- Vinsonia stellifera* (Homoptera)

BROWNEA:

- Dercynus micronyx* (Coleoptera)

BULBOPHYLLUM:

- Asterolecanium epidendri* (Homoptera)

BUXUS:

- Aspidiotus britannicus* (Homoptera)
- Eriophyes canestrinii* (Acarina)

CABOMBA:

- Phleoid megacephala* (Hymenoptera)

CACTUS:

- Cecilioides acicula* (Mollusca)
- Dactylopius confusus* (Homoptera)
- Hesperolabops gelatops* (Hemiptera)
- Lepidosaphes philococcus* (Homoptera)

CAESALPINIA:

- Mimosestes dominicanus* (Coleoptera)

CAJANUS:

- Ancylostomia stercora* (Lepidoptera)
- Doru albipes* (Dermaptera)
- Fundella pellucens* (Lepidoptera)
- Maruca testulalis* (Lepidoptera)
- Neodryocetes guianae* (Coleoptera)

CALADIUM:

- Helix aspersa* (Mollusca)

CALLUNA:

- Acalypta parvula* (Hemiptera)
- Kleidocerys ericae* (?) (Hemiptera)
- Limothrips denticornis* (Thysanoptera)
- Micrelus ericae* (Coleoptera)
- Myrmedobia distinguenda* (Hemiptera)
- Taeniothrips atratus* (Thysanoptera)
- T. ericae* (Thysanoptera)
- Thrips flavus* (Thysanoptera)
- T. major* (Thysanoptera)
- Ulopa reticulata* (Homoptera)

CALOCARPUM:

- Anastrepha ludens* (Diptera)

CALOPHYLLUM:

- Ceratitis capitata* (?) (Diptera)

CAMELLIA:

- Aspidiotus degeneratus* (Homoptera)
- Chrysomphalus setiger* (?) (Homoptera)
- Helix aspersa* (Mollusca)
- Pulvinaria floccifera* (Homoptera)
- Sciocoris cursitans* (?) (Hemiptera)

CANAVALLA:

- Lampides boeticus* (Lepidoptera)
- Maruca testulalis* (Lepidoptera)
- Taeniothrips viticornis* (Thysanoptera)

CANNABIS:

- Helicella maritima* (Mollusca)

CAPISCUM:

- Deroceras reticulatum* (Mollusca)
- Gnorimoschema gudmannella* (Lepidoptera)
- Platynota rostrana* (Lepidoptera)
- Pulvinaria urticae* (Homoptera)
- Pyrausta nubilalis* (Lepidoptera)

CARAPA:

- Hypsiptyla ferrealis* (Lepidoptera)

CARICA:

- Aconophora sinanensis* (Homoptera)
- Brevipalpus phoenicis* (Acarina)
- Dacus dorsalis* (Diptera)
- Toxotrypana curvicauda* (Diptera)

CARTHAMUS:

- Orellia punctata* (Diptera)
- Trogoderma grassmani* (Coleoptera)

CASSIA:

- Aganactes indecora* (Lepidoptera)
- Caryedon fuscus* (Coleoptera)
- Ectomyelois muricis* (Lepidoptera)

CASTANEA:

- Curculio elephas* (Coleoptera)
- C. nucum* (Coleoptera)
- Laspeyresia splendana* (Lepidoptera)
- Tischeria complanella* (Lepidoptera)

CATASETUM (?):

- Vinsonia stellifera* (Homoptera)

CATTLEYIA:

- Asterolecanium epidendri* (Homoptera)
- Conchaspis orchidarum* (Homoptera)
- Eurytoma orchidearum* (Hymenoptera)
- Furcaspis bifurcata* (Homoptera)
- Pseudischaspis alienus* (Homoptera)
- Tenthecoris orchidearum* (Hemiptera)
- Vinsonia stellifera* (Homoptera)

CEDRUS:

- Megastigmus suspectus pinsapinis* (Hymenoptera)

CENTAUREA:

- Haplothrips gowdeyi* (Thysanoptera)
- Thrips imagnis* (Thysanoptera)

CEPHALOCEREUS:

- Erembergia insignis* (Lepidoptera)

CERATONIA:

- Ectomyelois ceratoniae* (Lepidoptera)

CHAENOMELES:

- Lepidosaphes conchiformis* (Homoptera)

CHAMAECYPARIS:

- Diaspis minima* (Homoptera)
- Orsilus depressus* (Hemiptera)

CHAMAEDOREA:

- Chelysoma variabilis* (Hemiptera)
- Chrysomphalus sphaeroides* (Homoptera)
- Colanertus nigrostris* (Coleoptera)
- Ferrisia virgata* (Homoptera)
- Metamasius hemipterus sericeus* (Coleoptera)
- Parisschenus expositus* (Coleoptera)
- P. flavolimbatus* (Coleoptera)

CHAMAEROPS:

- Dactylothrips uytlenboogaarti* (Coleoptera)

CHLOROPHYTUM:

- Aspidiotus excisus* (Homoptera)
- A. palmae* (Homoptera)

CHRYSANTHEMUM:

- Acalymma trivittata* (Coleoptera)
- Bryobia ehari* (Acarina)
- Coccus viridis* (Homoptera)
- Conoletus mexicanus* (Coleoptera)
- Frankliniella formosae* (Thysanoptera)
- Haplothrips gowdeyi* (Thysanoptera)
- Iridomyrmex humilis* (Hymenoptera)
- Lecanium corni* (Homoptera)
- Nysius raphanus* (Hemiptera)
- Thrips angusticeps* (Thysanoptera)
- T. flavus* (Thysanoptera)

CHRYSOPOGON:

- Agrostothrips guillarmodi* (Thysanoptera)

CICER:

- Trogoderma granarium* (Coleoptera)

CICHORIUM:

- Phytomyza rufipes* (Diptera)

CISSUS:

- Ferrisia virgata* (Homoptera)

CITRUS AURANTIFOLIA:

- Anastrepha ludens* (Diptera)
- Brevipalpus phoenicis* (Acarina)
- Chrysomphalus personalis* (Homoptera)
- Leucaspis cockerelli* (Homoptera)
- Parlatoria cinerea* (Homoptera)
- P. zizyphus* (Homoptera)
- Pseudanidia trilobitiformis* (Homoptera)
- Unaspis citri* (Homoptera)
- U. yanonensis* (Homoptera)

CITRUS AURANTIUM:

- Unaspis yanonensis* (Homoptera)

CITRUS AURANTIUM VAR.:

- Unaspis yanonensis* (Homoptera)

CITRUS GRANDIS:

- Ceratitis capitata* (Diptera)
- Dacus dorsalis* (Diptera)
- Leucaspis cockerelli* (Homoptera)
- Morganella longispina* (Homoptera)
- Parlatoria zizyphus* (Homoptera)
- Unaspis yanonensis* (Homoptera)

CITRUS GRANDIS VAR. SARAWAK:

- Morganella longispina* (Homoptera)

Hosts and Insects—Continued

CITRUS ICHANGENSIS VAR:

Unaspis yanonensis (Homoptera)

CITRUS ICHANGENSIS X C. RETICULATA:

Unaspis yanonensis (Homoptera)

CITRUS LIMON:

Aleurocanthus woglumi (Homoptera)

Brevipalpus phoenicis (Acarina)

Cryptoblabes gnidiella (Lepidoptera)

Helix aspersa (Mollusca)

Leucaspis cockerelli (Homoptera)

Parlatoria cinerea (Homoptera)

P. zizyphus (Homoptera)

Pseudonidia trilobitiformis (Homoptera)

Tetranychus cinnabarinus (Acarina)

Unaspis yanonensis (Homoptera)

CITRUS LIMON VAR. PONDEROSA:

Anastrepha ludens (Diptera)

CITRUS PARADISI:

Anastrepha ludens (Diptera)

Ceratitis capitata (Diptera)

Chrysomphalus pinnulifer (Homoptera)

Cryptophlebia leucotreta (Lepidoptera)

Fiorinia theae (Homoptera)

Leucaspis cockerelli (Homoptera)

Parlatoria cinerea (Homoptera)

P. zizyphus (Homoptera)

Unaspis yanonensis (Homoptera)

CITRUS RETICULATA:

Aonidiella citrina (Homoptera)

Ceratitis capitata (Diptera)

Cryptophlebia leucotreta (Lepidoptera)

Fiorinia theae (Homoptera)

Morganella longispina (Homoptera)

Parlatoria cinerea (Homoptera)

P. zizyphus (Homoptera)

Platynota rostrana (Lepidoptera)

Unaspis citri (Homoptera)

U. yanonensis (Homoptera)

CITRUS RETICULATA VAR:

Parlatoria zizyphus (Homoptera)

Pseudonidia trilobitiformis (Homoptera)

Unaspis yanonensis (Homoptera)

CITRUS SINENSIS:

Aleurocanthus woglumi (Homoptera)

Aleurothrixus floccosus (Homoptera)

Anastrepha ludens (Diptera)

Aonidiella citrina (Homoptera)

Brevipalpus phoenicis (Acarina)

Ceratitis capitata (Diptera)

Chrysomphalus personatus (Homoptera)

Coccus viridis (Homoptera)

Cryptoblabes gnidiella (Lepidoptera)

Cryptophlebia leucotreta (Lepidoptera)

Dialeurodes kirkaldyi (Homoptera)

Ectomyelois ceratoniae (Lepidoptera)

Helix aspersa (Mollusca)

Iridomyrmex humilis (Hymenoptera)

Leucaspis cockerelli (Homoptera)

Parlatoria cinerea (Homoptera)

P. zizyphus (Homoptera)

Trialeurodes citrinellus (Homoptera)

Tyrophagus infestans (Acarina)

Unaspis citri (Homoptera)

U. yanonensis (Homoptera)

CITRUS SP.:

Aleurocanthus woglumi (Homoptera)

Aonidiella citrina (Homoptera)

Dialeurodes citrifolii (Homoptera)

Helix aspersa (Mollusca)

Morganella longispina (Homoptera)

Orchamoplatus citri (Homoptera)

Orthesia pseudinsignis (Homoptera)

Parlatoria zizyphus (Homoptera)

Trialeurodes vitrinellus (Homoptera)

Unaspis yanonensis (Homoptera)

CLEYERA(?):

Dialeurodes tristylis (Homoptera)

COCOLOBA:

Perkinsiella saccharicida (Homoptera)

COCOS:

Agonoxena pyrogramma (Lepidoptera)

Aonidiella inornata (Homoptera)

Aspidiotus destructor (Homoptera)

Diocalandra taitensis (Coleoptera)

Furcaspis oceanica (Homoptera)

Lepidosaphes esakii (Homoptera)

Pheidole megacephala (Hymenoptera)

Pseudococcus palmarum (Homoptera)

CODIAEUM:

Bradybaena similis (Mollusca)

Lepidosaphes tokionis (Homoptera)

Orchamoplatus mammaeferus (Homoptera)

Orocharis vaginalis (Orthoptera)

Parlatoria crotonis (Homoptera)

Protopulvinaria longivalva (Homoptera)

Pseudonidia trilobitiformis (Homoptera)

Selenothrips rubrocinctus (Thysanoptera)

Spodoptera mauritia (Lepidoptera)

Xiphidiopsis lita (Orthoptera)

COELOGYNE:

Asterolecanium epidendri (Homoptera)

COFFEA:

Aleuroparadoxus gardeniae (Homoptera)

Ceratitis capitata (Diptera)

Coccus viridis (Homoptera)

Dacus dorsalis (Diptera)

Leucoptera coffeella (Hymenoptera)

Pseudonidia trilobitiformis (Homoptera)

Stephanoderes hampei (Coleoptera)

Vinsonia stellifera (Homoptera)

COLOCASIA:

Lamelaxia gracilis juncea (Mollusca):

CONVALLARIA:

Limothrips denticornis (Thysanoptera)

CONVOLVULUS:

Tyrophagus infestans (Acarina)

CORDYLINE:

Bradybaena similis (Mollusca)

Deroceras reticulatum (Mollusca)

Pinnaspis buxi (Homoptera)

Plusia chalcites (Lepidoptera)

Spodoptera mauritia (Lepidoptera)

Xiphidiopsis lita (Orthoptera)

CORIANDRUM:

Systole albipennis (Hymenoptera)

CORYLUS:

Curculio nucum (Coleoptera)

CUCUMIS:

Dacus cucurbitae (Diptera)

Dysdercus mimulus (Hemiptera)

Ligyrocoris aurivilliana (Hemiptera)

Nysius raphanus (Hemiptera)

CUCURBITA:

Conolelus mexicanus (Coleoptera)

CYCAD:

Chrysomphalus tricuspidis (Homoptera)

CYCAS:

Aonidiella inornata (Homoptera)

CYCNOCHES:

Eucactophagus aurocinctus (Coleoptera)

CYDONIA:

Anastrepha ludens (Diptera)

Ceratitis capitata (Diptera)

Ectomyelois ceratoniae (Lepidoptera)

CYMBIDIUM:

Lepidosaphes tuberculata (Homoptera)

Tenuipalpus pacificus (Acarina)

CYNARA:

Anuraphis cardui (Homoptera)

Apion carduorum (Coleoptera)

Eurydema ornatum (Hemiptera)

Phlaenus leucophthalmus (Homoptera)

Pseudochelidura sinuata (Dermaptera)

DAHLIA:

Franklinella formosae (Thysanoptera)

Pentarthrum huttoni (Coleoptera)

DEGENERIA:

Dacus passiflorae (Diptera)

DELPHINIUM:

Iridomyrmex keiteli subfasciatus (Hymenoptera)

DENDROBIUM:

Diazenes dendrobii(?) (Coleoptera)

Furcaspis biformis (Homoptera)

Pheidole megacephala (Hymenoptera)

DIANTHUS:

Arion ater (Mollusca)

A. circumscriptus (Mollusca)

Frankliniella formosae (Thysanoptera)

F. intonsa (Thysanoptera)

F. schultzei (Thysanoptera)

Hosts and Insects—Continued

DIANTHUS—Continued

- Haplothrips cottei* (Thysanoptera)
H. gowdeyi (Thysanoptera)
Iridomyrmex humilis (Hymenoptera)
Isoneurothrips australis (Thysanoptera)
Ozychilus cellarius (Mollusca)
Pseudanaphothrips achaetus (?) (Thysanoptera)
Rhyparochromus albocuminatus (Hemiptera)
Taeniothrips atratus (Thysanoptera)
T. dianthi (Thysanoptera)
T. gracilis (Thysanoptera)
T. hawaiiensis (Thysanoptera)
Tetranychus cinnabarinus (Acarina)
Thrips angusticeps (Thysanoptera)
T. imaginis (Thysanoptera)
T. major (Thysanoptera)

DICTYOSPERMA:

- Leucaspis cockerelli* (Homoptera)
Pinnaspis buxi (Homoptera)

DIOON:

- Chrysomphalus tricuspidis* (Homoptera)
Ligyrocoris aurivilliana (Hemiptera)

DIOSCOREA:

- Metioche vittaticollis* (Orthoptera)
Monomorium destructor (Hymenoptera)
Palaeopus costicollis (Coleoptera)
Pseudococcus citricus (Homoptera)
"Targionia" hartii (Homoptera)

DIOSPYROS:

- Chrysomphalus sphaerioides* (Homoptera)
Lepidosaphes conchiformis (tentative) (Homoptera)
Parlatoria oleae (Homoptera)

DRACAENA:

- Pinnaspis buxi* (Homoptera)

ECHEVERIA:

- Niveaspis vulcanicus* (tentative) (Homoptera)

ECHINOCHLOA:

- Chirothrips pretorianus* (Thysanoptera)

ENTEROLOBIUM:

- Ectomyelois muricis* (Lepidoptera)

EPIDENDRUM:

- Asterolecanium epidendri* (Homoptera)
Chrysomphalus nigropunctatus (Homoptera)
C. umboniferus (Homoptera)
Furcaspis bifurcata (Homoptera)
Geotomus spinolai (Hemiptera)
Iridomyrmex iniquus (Hymenoptera)
Pseudischnaspis alienus (Homoptera)
Puto ulter (Homoptera)
Vinsonia stelleri (Homoptera)

ERAGROSTIS:

- Chirothrips egregius* (Thysanoptera)
C. pretorianus (Thysanoptera)

ERICA:

- Megalonotus chiragra* (Hemiptera)
Taeniothrips ericae (Thysanoptera)

ERIOBOTRYA:

- Ceratitidis capitata* (Diptera)
Ephestia calidella (Lepidoptera)

ERYNGIUM:

- Protopulvinaria longivalvata* (Homoptera)

EUCALYPTUS:

- Platysectra analis* (Hymenoptera)

EUONYMUS:

- Coccus africanus* (Homoptera)

EUPHORBIA:

- Coccus viridis* (Homoptera)
Haplothrips gowdeyi (Thysanoptera)

EUPHORIA:

- Florinia nephelii* (Homoptera)

FAGUS:

- Limothrips denticornis* (Thysanoptera)

FESTUCA:

- Stenodema laevigatum* (?) (Hemiptera)

FICUS:

- Ceratitidis capitata* (Diptera)
Ceroplastes rusci (Homoptera)
Ephestia calidella (Lepidoptera)
Homotoma ficus (Homoptera)
Lepidosaphes ficus (Homoptera)
Pulvinaria psidii (Homoptera)

FINGERHUTHIA:

- Chirothrips pretorianus* (Thysanoptera)

FOENICULUM:

- Haplothrips gowdeyi* (Thysanoptera)
Systole geniculata (Hymenoptera)

FRAGARIA:

- Helicella maritima* (Mollusca)

FREESIA:

- Haplothrips gowdeyi* (Thysanoptera)

GALANTHUS:

- Helix figulina* (Mollusca)

GARDENIA:

- Ceroplastes rubens* (Homoptera)
Coccus viridis (Homoptera)
Haplothrips gowdeyi (Thysanoptera)
Pealius hibisci (Homoptera)
Protopulvinaria pyriformis (Homoptera)
Pseudonidia clavigera (Homoptera)
Pulvinaria psidii (Homoptera)
Taeniothrips hawaiiensis (Thysanoptera)

GENTIANA:

- Phytomyza gentianae* (?) (Diptera)
Stenotilia stigmatodactyla (Lepidoptera)

GLADIOLUS:

- Deroceras reticulatum* (Mollusca)
Frankliniella formosae (Thysanoptera)
Haplothrips aculeatus (Thysanoptera)
Iridomyrmex humilis (Hymenoptera)

GLIRICIDIA:

- Coccus viridis* (Homoptera)

GOSSYPIUM:

- Earias insulana* (?) (Lepidoptera)
Nysius raphanus (Hemiptera)
Pectinophora gossypiella (Lepidoptera)
P. scutiger (Lepidoptera)
Reticulitermes flavipes (Isoptera)

HARPECHLOA:

- Agrostothrips guillarmodi* (Thysanoptera)

HEDERA:

- Aspidiotus hedericola* (Homoptera)
Filippia viburni (Homoptera)

HEDERA(?):

- Aspidiotus palmarum* (Homoptera)

HELICONIA:

- Bradybaena similis* (Mollusca)
Pheidole megacephala (Hymenoptera)
Pinnaspis buxi (Homoptera)
Vinsonia stelleri (Homoptera)

HESPERIS:

- Thrips imaginis* (Thysanoptera)

HEVEA:

- Tenuipalpus heveae* (Acarina)

HIBISCUS:

- Ferrisia virgata* (Homoptera)
Iridomyrmex humilis (Hymenoptera)
Metamasius hemipterus sericeus (Coleoptera)
Pectinophora gossypiella (Lepidoptera)
Pheidole megacephala (Hymenoptera)
Siphanta acuta (Homoptera)

HOLOCALYX:

- Pseudischnaspis linearis* (Homoptera)

HYDRANGEA:

- Thrips imaginis* (Thysanoptera)

HYMENAEA:

- Ectomyelois muricis* (Lepidoptera)

HYPARRHENIA:

- Agrostothrips guillarmodi* (Thysanoptera)
Chirothrips hoodi (Thysanoptera)

IPOMOEA:

- Aleidodes dentipes* (Coleoptera)
Cryptalomorphus jalappae (Coleoptera)
Cylas formicarius var. (Coleoptera)
C. formicarius elegantulus (Coleoptera)
C. formicarius formicarius (Coleoptera)
Deroceras reticulatum (Mollusca)
Euscepes postfasciatus (Coleoptera)
Palaeopus costicollis (Coleoptera)

IRIS:

- Anuraphis tulipae* (Homoptera)
Thrips imaginis (Thysanoptera)

IXORA:

- Pulvinaria psidii* (Homoptera)

JASMINUM:

- Aleurotuberculatus jasmini* (Homoptera)
Dialeurodes kirkaldyi (Homoptera)
Palpita unionalis (Lepidoptera)

Hosts and Insects—Continued

- JUGLANS:**
Arion ater (Mollusca)
A. hortensis (Mollusca)
Ectomyelois ceratoniae (Lepidoptera)
Euzophera bigella (?) (Lepidoptera)
- JUNCUS:**
Nippaoclerda bivakoensis (Homoptera)
- JUNIPERUS:**
Oligonychus perditus (Acarina)
Pentamerismus oregonensis (Acarina)
- KHAYA:**
Heterobostrychus aequalis (Coleoptera)
Xyloperthella crinitarsis (Coleoptera)
- LACTUCA:**
Andrector atrofasciata (Coleoptera)
Arion hortensis (Mollusca)
Deroceras reticulatum (Mollusca)
Dicyphus annulatus (Hemiptera)
Helicella caperata (Mollusca)
H. itala (Mollusca)
Iridomyrmex humilis (Hymenoptera)
Myzus ascalonicus (Homoptera)
Raphogaster nebulosa (Hemiptera)
Tettigonia oculata (Homoptera)
Thrips angusticeps (Thysanoptera)
- LAELIA:**
Pseudischinaspis alienus (Homoptera)
- LAGERSTROEMIA:**
Dialeurodes kirkaldyi (Homoptera)
- LANSIUM:**
Pseudococcus lilacinus (Homoptera)
- LANTANA:**
Teleonemia scrupulosa (?) (Hemiptera)
- LATHYRUS:**
Iridomyrmex humilis (Hymenoptera)
Taeniothrips atratus (Thysanoptera)
- LAURUS:**
Aspidiotus degeneratus (Homoptera)
Trialeurodes lauri (Homoptera)
Vinsonia stellifera (Homoptera)
- LAVANDULA:**
Frankliniella intonsa (Thysanoptera)
- LEGUME:**
Caryedon fuscus (Coleoptera)
Ectomyelois decolor (Lepidoptera)
- LENS:**
Trogoderma granarium (Coleoptera)
- LEUCAENA:**
Araecerus levipennis (Coleoptera)
Pheidole megacephala (Hymenoptera)
- LIGISTRUM:**
Palomena angulosa (Hemiptera)
- LILLIACEAE:**
Frankliniella formosae (Thysanoptera)
- LILIUM:**
Bradybaena similis (Mollusca)
Iridomyrmex humilis (Hymenoptera)
Monomorium destructor (Hymenoptera)
Pheidole megacephala (Hymenoptera)
Sitona lineata (Coleoptera)
Testaceella maupei (Mollusca)
- LINUM:**
Trogoderma granarium (Coleoptera)
- LITCHI:**
Brevipalpus phoenicis (Acarina)
Cryptophlebia illepidia (Lepidoptera)
Pulvinaria psidii (Homoptera)
- LYCASTE:**
Tentecoris distinctus (Hemiptera)
- LYCOPERSICON:**
Conotelus mexicanus (Coleoptera)
Dacus cucurbitae (Diptera)
Gnorimoschema plaesiosoma (Lepidoptera)
Neoleucinodes elegantalis (Lepidoptera)
Psylla minuticoma (?) (Homoptera)
- LYCOPODIUM:**
Xiphidiopsis lila (Orthoptera)
- LYCORIS:**
Bradybaena similis (?) (Mollusca)
Iridomyrmex humilis (Hymenoptera)
Taeniothrips gracilis (Thysanoptera)
- MALUS:**
Adozophyes orana (Lepidoptera)
Carpocapsa niponensis (Lepidoptera)
Ceratitidis capitata (Diptera)
Cryptoblabes gnidiella (Lepidoptera)
Ectomyelois ceratoniae (Lepidoptera)
Grapholitha janthiana (Lepidoptera)
Stenodema holsatum (Hemiptera)
Tetranychus viennensis (Acarina)
- MAMMILLARIA:**
Puto mexicanus (Homoptera)
- MANGIFERA:**
Anastepha ludens (Diptera)
A. mombinpraepotans (Diptera)
Aulacaspis mangiferae (Homoptera)
Chrysomphalus personatus (Homoptera)
Dacus dorsalis (Diptera)
Pentalonia nigronervosa (Homoptera)
Pseudischinaspis longissima (Homoptera)
Sternonchus frigidus (Coleoptera)
S. mangiferae (Coleoptera)
S. olivieri (Coleoptera)
- MARSILEA** (?):
Melanoides tuberculata (Mollusca)
Thiara balonensis (Mollusca)
- MASDEVALLIA:**
Aonidiella inornata (Homoptera)
Chrysomphalus umboniferus (Homoptera)
- MATHIOLA:**
Nysius raphanus (Hemiptera)
- MELASTOMA:**
Dacus pedestris (Diptera)
Pulvinaria psidii (Homoptera)
Sipylus dilatatus (Homoptera)
- MENTHA:**
Chrysomphalus propisus (Homoptera)
Haplothrips gowdeyi (Thysanoptera)
Helicella itala (Mollusca)
Pentalonia nigronervosa (Homoptera)
Pheidole megacephala (Hymenoptera)
Tetranychus cinnabarinus (Acarina)
- MICHELIA** (?):
Tachardina lobata (tentative) (Homoptera)
- MIMOSA:**
Thrips major (Thysanoptera)
- MUCUNA:**
Pseudonidia trilobitiformis (Homoptera)
- MURRAYA** (?):
Protapulvinaria pyriformis (Homoptera)
Pulvinaria psidii (Homoptera)
- MUSA:**
Bradybaena similis (Mollusca)
Cosmopolites sordidus (Coleoptera)
Dacus dorsalis (Diptera)
Epilachna paenulata (Coleoptera)
Euglandina striata (Mollusca)
Heraeus ezimus (Hemiptera)
Metamasius hemipterus hemipterus (Coleoptera)
M. hemipterus sericeus (Coleoptera)
Pentalonia nigronervosa (Homoptera)
Platynota rostrana (Lepidoptera)
Porphyrobaphe isotoma (Mollusca)
Solaropsis monile (Mollusca)
- MYRISTICA:**
Chrysomphalus personatus (Homoptera)
- MYRTUS:**
Pseudococcus citricus (Homoptera)
- NARCISSUS:**
Stenotarsonemus laticeps (Acarina)
- NEOMOOREA:**
Pinnaspis buxi (Homoptera)
- NOLINA:**
Opuntiaspis carinata (Homoptera)
Pseudococcus cualatensis (Homoptera)
- NOTHOPANAX:**
Coccus viridis (Homoptera)
Pheidole megacephala (Hymenoptera)
- OLEA:**
Dacus oleae (Diptera)
Filippia oleae (?) (Homoptera)
Leucaspis riccae (Homoptera)
Parlatoria oleae (Homoptera)
Pollinia pollini (Homoptera)
Prays oleella (Lepidoptera)

Hosts and Insects—Continued

ONCIDIUM:

- Asterolecanium epidendri* (Homoptera)
- Farinococcus guatemalensis* (Homoptera)
- Furcaspis biformis* (Homoptera)
- Mecolaemus carvalhoi* (Hemiptera)
- Pseudischnaspis alienus* (Homoptera)
- Pseudoparlatoria ostreata* (Homoptera)
- Vinsonia stellifera* (Homoptera)

OPERCULINA:

- Megacerus alternatus* (Coleoptera)
- Sybra alternans* (Coleoptera)

OPUNTIA:

- Ceratitidis capitata* (Diptera)
- Hesperolabops gelastops* (Hemiptera)

ORCHID:

- Aleuroglandulus emmae* (Homoptera)
- Althos graptosternus* (Hemiptera)
- Anthonomus alboblineatus* (Coleoptera)
- Aspidiotus destructor* (Homoptera)
- Asterolecanium epidendri* (Homoptera)
- Brachystethus rubromaculatus* (Hemiptera)
- Bradybaena similis* (Mollusca)
- Capaneus tetricus* (Hemiptera)
- Chrysomphalus nigropunctatus* (Homoptera)
- C. tenax* (Homoptera)
- C. umboniferus* (Homoptera)
- Clerada apicicornis* (Hemiptera)
- Conchaspsis orchidarum* (Homoptera)
- Corimelaena alticola* (Hemiptera)
- C. palmeri* (Hemiptera)
- Cryphula apicatus* (Hemiptera)
- Dendrocoris suffultus* (Hemiptera)
- Deroceras reticulatum* (Mollusca)
- Diorymerellus laevimargo* (Coleoptera)
- Epilachna nigrescens* (Coleoptera)
- Eutetranychus banki* (Acarina)
- Ezptochiomeria albomaculata* (Hemiptera)
- Ferrisia virgata* (Homoptera)
- Furcaspis biformis* (Homoptera)
- Galgupha punctifera* (Hemiptera)
- G. tezana* (Hemiptera)
- Helix aspersa* (Mollusca)
- Iridomyrmex iniquus* (Hymenoptera)
- Isorhinus undatus* (Coleoptera)
- Lamellazis gracilis* (Mollusca)
- Lepidosaphes tuberculata* (Homoptera)
- Lepidopharsa tenuis* (Hemiptera)
- Ligyrocoris aurivilliana* (Hemiptera)
- Limax marginatus* (Mollusca)
- L. maximus* (?) (Mollusca)
- Melanocoryphus circumlitus* (Hemiptera)
- Microtrochus pictirostris* (Coleoptera)
- Miogrillus ensifer* (Orthoptera)
- Mormidea pictiventris* Stal (Hemiptera)
- M. pictiventris* of authors (Hemiptera)
- Myodocha giraffa* (Hemiptera)
- Nasutitermes costalis* (Isoptera)
- N. ephratae* (Isoptera)
- Nysius coenosulcus* (Hemiptera)
- Oedancala bimaculata* (Hemiptera)
- Orthozia praelonga* (Homoptera)
- Pachybrachius nietneri* (Hemiptera)
- Pallantia maculata* (Hemiptera)
- Parlatoria pseudaspidiotus* (Homoptera)
- Pheidole megacephala* (Hymenoptera)
- Phelypera distigma* (Coleoptera)
- Platiodera scaberrima* (Coleoptera)
- Platynota rostrana* (Lepidoptera)
- Pseudischnaspis alienus* (Homoptera)
- Pseudoparlatoria ostreata* (Homoptera)
- Puto ulter* (Homoptera)
- Scaphidium atrum* (Coleoptera)
- Sybra alternans* (Coleoptera)
- Tenthorcoris bicolor* (Hemiptera)
- T. confusus* (Hemiptera)
- T. orchidearum* (Hemiptera)
- T. vestitus* (Hemiptera)
- Veronicella sloani schizelyae* (Mollusca)
- Vinsonia stellifera* (Homoptera)
- Xiphidiopsis lita* (Orthoptera)
- Zonitoides arboreus* (Mollusca)

ORNITHOGALUM:

- Blissus diploperus* (Hemiptera)
- Epichorista ionephela* (Lepidoptera)

- Frankliniella schultzei* (Thysanoptera)
- Haplothrips gowdeyi* (Thysanoptera)
- H. nigricornis* (?) (Thysanoptera)

ORYZA:

- Chilo suppressalis* (Lepidoptera)
- Trogoderma granarium* (Coleoptera)

PAENIA:

- Arion circumscriptus* (Mollusca)
- Frankliniella formosae* (Thysanoptera)
- Haplothrips gowdeyi* (Thysanoptera)
- Taeniothrips hawaiiensis* (Thysanoptera)

PALM:

- Aleuroplatus variegatus* (?) (Homoptera)
- Aonidiella inornata* (Homoptera)
- Aspidiotus destructor* (Homoptera)
- Coelonertus nigrirostris* (Coleoptera)
- Leucaspis cockerelli* (Homoptera)
- Nasutitermes corniger* (Isoptera)

PANICUM:

- Agrostothrips guillarmodi* (Thysanoptera)

PAPAYER:

- Iridomyrmex humilis* (Hymenoptera)
- Trogoderma parabile* (Coleoptera)

PASSIFLORA:

- Dacus dorsalis* (Diptera)

PEDILANTHUS:

- Bradybaena similis* (Mollusca)

PELARGONIUM:

- Frankliniella intonsa* (Thysanoptera)
- Iridomyrmex humilis* (Hymenoptera)

PERSEA:

- Chrysomphalus albopictus* (Homoptera)
- Conotrachelus aguacatae* (Coleoptera)
- C. perseae* (Coleoptera)
- Dacus dorsalis* (Diptera)
- Stenomacris catenifer* (Lepidoptera)
- Trioxa anceps* (Homoptera)

PETROSELINUM:

- Deroceras reticulatum* (Mollusca)
- Euleia heraclei* (Diptera)
- Helix aspersa* (Mollusca)
- Systole geniculata* (Hymenoptera)

PHAEOMERIA:

- Bradybaena similis* (Mollusca)

PHALAENOPSIS:

- Chrysomphalus tingi* (Homoptera)
- Parlatoria pseudaspidiotus* (Homoptera)
- Tenuipalpus pacificus* (Acarina)
- Vinsonia stellifera* (Homoptera)

PHASEOLUS:

- Ancylostoma stercora* (Lepidoptera)
- Epinotia aporema* (Lepidoptera)
- Everes comyntas* (Lepidoptera)
- Fundella pellucens* (Lepidoptera)
- Maruca testulalis* (Lepidoptera)
- Pyrausta nubilalis* (Lepidoptera)
- Theba pisana* (Mollusca)

PHILODENDRON:

- Cactophagus validirostris* (Coleoptera)
- Chrysomphalus nigropunctatus* (Homoptera)
- C. personatus* (Homoptera)
- C. tenax* (Homoptera)
- Eucactophagus carinipygga* (Coleoptera)
- Helix aspersa* (Mollusca)
- Pinnaspis buzi* (Homoptera)

PHOENIX:

- Dacus dorsalis* (Diptera)

PICEA:

- Dryocoetes autographus* (Coleoptera)
- Ernobius abietis* (Coleoptera)
- Ips borealis* (Coleoptera)
- Pityogenes chalcographus* (Coleoptera)

PIMPINELLA:

- Helicella pyramidata* (Mollusca)

PINUS:

- Dichrocrocis punctiferalis* (Lepidoptera)
- Ips acuminatus* (Coleoptera)
- I. calligraphus* (Coleoptera)
- I. typographus* (Coleoptera)
- Lepidosaphes pini* (Homoptera)
- Leucaspis loewi* (Homoptera)
- L. pusilla* (Homoptera)
- Pityogenes chalcographus* (Coleoptera)
- Pityophthorus micrographus* (Coleoptera)

Hosts and Insects—Continued

PISUM:

- Fundella pellucens* (Lepidoptera)
- Haplothrips clarisetis* (?) (Thysanoptera)
- Lampides boeticus* (Lepidoptera)

PLUMERIA:

- Coccus viridis* (Homoptera)
- Conotelus mexicanus* (Coleoptera)
- Diachus auratus* (Coleoptera)
- Dialeurodes kirkaldyi* (Homoptera)
- Sybra alternans* (Coleoptera)
- Taeniothrips hawaiiensis* (Thysanoptera)

PORTULACA:

- Nysius raphanus* (Hemiptera)

PRIORIA:

- Platypus rugulosus* (Coleoptera)

PROTEA:

- Homothrips distinctus* (Thysanoptera)
- Iridomyrmex humilis* (Hymenoptera)
- Phenacoccus stelli* (Homoptera)

PRUNUS AMYGDALUS:

- Cenopalpus pulcher* (Acarina)
- Ectomyelois ceratoniae* (Lepidoptera)

PRUNUS ARMENIACA:

- Blissus diplopterus* (Hemiptera)
- Ceratitidis capitata* (Diptera)

PRUNUS AVIUM:

- Chionaspis asiatica* (Homoptera)

PRUNUS DOMESTICA:

- Helicella maritima* (Mollusca)
- Iridomyrmex humilis* (Hymenoptera)
- Parlatoria oleae* (Homoptera)
- Pseudococcus gahani* (Homoptera)

PRUNUS PERSICA:

- Anastrepha ludens* (Diptera)
- Ceratitidis capitata* (Diptera)
- Geniocremnus chilensis* (Coleoptera)
- Listroderes subcinctus* (Coleoptera)
- Pseudococcus gahani* (Homoptera)

PRUNUS PERSICA NECTARINA:

- Porotermes quadricollis* (Isoptera)

PRUNUS SP. (cherry):

- Anthonomus rectirostris* (Coleoptera)
- Rhagoletis cerasi* (Diptera)

PSEUDOTSUGA:

- Haplothrips aculeatus* (Thysanoptera)

PSIDIUM:

- Aleurocanthus spiniferus* (Homoptera)
- A. woglumi* (Homoptera)
- Anastrepha mombinpraeoptans* (Diptera)
- A. striata* (Diptera)
- A. suspensa* (Diptera)
- Ceratitidis capitata* (Diptera)
- Coccus viridis* (Homoptera)
- Dacus dorsalis* (Diptera)

PUNICA:

- Anastrepha ludens* (Diptera)
- Ceroplastes japonicus* (Homoptera)
- Cryptoblabes gnidiella* (Lepidoptera)
- Ectomyelois ceratoniae* (Lepidoptera)
- Ferrisia virgata* (Homoptera)
- Platynota rostrana* (Lepidoptera)

PYRETHRUM:

- Frankliniella intonsa* (Thysanoptera)
- Taeniothrips atratus* (Thysanoptera)
- T. ericae* (Thysanoptera)
- Thrips flavus* (Thysanoptera)

PYRUS:

- Anastrepha ludens* (Diptera)
- Cenopalpus pulcher* (Acarina)
- Ceratitidis capitata* (Diptera)
- Ectomyelois ceratoniae* (Lepidoptera)
- Lepidosaphes conchiformis* (Homoptera)
- Scolytus multistriatus* (Coleoptera)
- Tetranychus viennensis* (Acarina)

QUERCUS:

- Callirhytis glandium* (Hymenoptera)
- Curculio elephas* (Coleoptera)
- Laspeyresia splendana* (Lepidoptera)

RANUNCULUS:

- Aeolothrips tenuicornis* (?) (Thysanoptera)
- Thrips angusticeps* (Thysanoptera)

RHAPIS(?):

- Icerya seychellarum* (Homoptera)

RHODODENDRON:

- Acanthosoma haemorrhoidale* (Hemiptera)
- Dialeurodes chittendeni* (Homoptera)
- Gracilaria azaleae* (Lepidoptera)
- Haplothrips aculeatus* (Thysanoptera)
- H. gowdeyi* (Thysanoptera)
- Pealius azaleae* (Homoptera)
- Psylla rhododendri* (Homoptera)

RODRIGUEZIA:

- Furcaspis biformis* (Homoptera)

RORIPPA:

- Fossaria truncatula* (Mollusca)

ROSA:

- Aulacaspis latissima* (Homoptera)
- Conotelus mexicanus* (Coleoptera)
- Frankliniella formosae* (Thysanoptera)
- F. intonsa* (Thysanoptera)
- F. schultzei* (Thysanoptera)
- Haplothrips gowdeyi* (Thysanoptera)
- Helicella maritima* (Mollusca)
- Isonerthrips obscuratus* (?) (Thysanoptera)
- Neusteadia floccosa* (Homoptera)
- Stenopterus rufus* (Coleoptera)
- Taeniothrips atratus* (Thysanoptera)
- T. hawaiiensis* (Thysanoptera)
- Tetranychus cinnabarinus* (Acarina)
- Thrips angusticeps* (Thysanoptera)
- T. flavus* (Thysanoptera)
- T. imiginis* (Thysanoptera)
- T. major* (Thysanoptera)

ROSMARINUS:

- Philaenus leucophthalmus* (Homoptera)

ROYSTONEA:

- Aspidiotus destructor* (Homoptera)

RUBUS:

- Asterobemisia carpini* (Homoptera)

RUMEX:

- Dicyphus pallidicornis* (Hemiptera)

SACCHARUM:

- Anacentrinus insularis* (Coleoptera)
- Chilo loftini* (Lepidoptera)
- Rhabdoscelus obscurus* (Coleoptera)
- Zeodiatraea lineolata* (Lepidoptera)

SALIX:

- Thrips major* (Thysanoptera)

SAMANEA:

- Monomorium destructor* (Hymenoptera)

SCHINUS:

- Megastigmus pistaciae* (Hymenoptera)

SCHOMBURGKIA:

- Furcaspis biformis* (Homoptera)

SECIUM:

- Ferrisia virgata* (Homoptera)
- Pheidole megacephala* (Hymenoptera)

SESBANIA:

- Lampides boeticus* (Lepidoptera)
- Maruca testulalis* (Lepidoptera)

SOIL:

- Arion ater* (Mollusca)
- A. hortensis* (Mollusca)
- Ceciloides acicula* (Mollusca)
- C. aperta* (Mollusca)
- Cochlicella barbara* (Mollusca)
- C. ventrosa* (Mollusca)
- Cycas formicarius elegantulus* (Coleoptera)
- Deroceas reticulatum* (Mollusca)
- Fossaria truncatula* (Mollusca)
- Helicella caperata* (Mollusca)
- H. maritima* (Mollusca)
- H. striata* (Mollusca)
- Hygromia cinctella* (Mollusca)
- Lamellaxis mauritanus* (Mollusca)
- Limax marginatus* (Mollusca)
- Myzus ascalonicus* (Homoptera)
- Orychilus altharicus* (Mollusca)
- Reticulitermes lucifugus* (Isoptera)
- Tyrophagus infestans* (Acarina)
- Zonitoides arboreus* (Mollusca)

SOLANUM MELONGENA:

- Conotelus mexicanus* (Coleoptera)
- Neoleucinodes elegantalis* (Lepidoptera)

SOLANUM MURICATUM:

- Gnortimoschena plaesiosoma* (Lepidoptera)
- Orthrips pseudosignatus* (Homoptera)

Hosts and Insects—Continued

SOLANUM TUBEROSUM:

Platyptus rugulosus (Coleoptera)

SOLANUM SP.:

Leucinodes orbonalis (Lepidoptera)*Pyrausta nubilalis* (Lepidoptera)

SORBUS:

Lecanium corni (Homoptera)*Parlatoria oleae* (Homoptera)

SORGHUM:

Pyrausta nubilalis (Lepidoptera)*Sesamia cretica* (Lepidoptera)

SPATHIPHYLLUM:

Pinnaspis buxi (Homoptera)

SPATHOGLOTTIS:

Tenuipalpus pacificus (Acarina)

SPINACIA:

Theba pisana (Mollusca)

SPONDIAS:

Anastrepha mombinpraeoptans (Diptera)*Aspidiotus herculeanus* (Homoptera)*Chrysomphalus calurus* (Homoptera)*Fiorinia theae* (Homoptera)*Parlatoria chinensis* (Homoptera)*Phenacoccus hirsutus* (Homoptera)

STEPHANANDRIUM:

Brevipalpus phoenicis (Acarina)

STEPHANOTIS:

Taeniothrips hawaiiensis (Thysanoptera)

STRELITZIA:

Eridomyrmex humilis (Hymenoptera)*Pentalonia nigronervosa* (Homoptera)*Pseudococcus palmarum* (Homoptera)

SYRINGA:

Adoxophyes orana (Lepidoptera)*Thrips imaginis* (Thysanoptera)

TAGETES:

Haplothrips gowdeyi (Thysanoptera)*Sitona lineata* (Coleoptera)

TAMARINDUS:

Caryedon fuscus (Coleoptera)*Ectomyelois ceratoniae* (Lepidoptera)*E. decolor* (Lepidoptera)*Monomorium destructor* (Hymenoptera)

TERMINALIA:

Anastrepha mombinpraeoptans (Diptera)*Aspidiotus destructor* (Homoptera)*Ceratitis capitata* (Diptera)*Dacus dorsalis* (Diptera)

TETRACHNE:

Chirothrips pretorianus (Thysanoptera)

THEOBROMA:

Aspidiotus diffinis (Homoptera)*Pseudococcus njalensis* (Homoptera)

TILLANDSIA:

Furcaspis bififormis (Homoptera)

TRIFOLIUM:

Arion circumscriptus (Mollusca)*Monanthia lupuli* (Hemiptera)

TRITICUM:

Sitona hispidula (Coleoptera)*Trogoderma glabrum* (Coleoptera)*T. granarium* (Coleoptera)*T. parabile* (Coleoptera)*T. sternale plagiifer* (Coleoptera)

TULIPA:

Anuraphis tulipae (Homoptera)*Arion circumscriptus* (Mollusca)*Deroceras reticulatum* (Mollusca)

TYPPHA:

Deroceras reticulatum (Mollusca)

ULMUS:

Scolytus multistriatus (Coleoptera)

VANDA:

Asterolecanium epidendri (Homoptera)*Bradybaena similaris* (Mollusca)*Conoderus exsul* (Coleoptera)*Conotelus mexicanus* (Coleoptera)*Coptotermes formosanus* (Isoptera)*Deroceras reticulatum* (Mollusca)*Furcaspis bififormis* (Homoptera)*Geotomus pygmaeus* (Hemiptera)*Nysius coenosulus* (Hemiptera)*Parlatoria pseudaspidiotus* (Homoptera)*Pinnaspis orchidarum* (Homoptera)*Plusia chalcites* (Lepidoptera)*Siphanta acuta* (Homoptera)*Xiphidopsis lila* (Orthoptera)

VIGNA:

Fundella pellucens (Lepidoptera)

VIOLA:

Arion hortensis (Mollusca)*Ceciloides acicula* (Mollusca)

VITIS:

Ceratitis capitata (Diptera)*Clysiana ambiguella* (Lepidoptera)*Conoderus rufangulus* (Coleoptera)*Cryptoblabes gnatiella* (Lepidoptera)*Holocacista rivillei* (?) (Lepidoptera)*Leptoglossus chilensis* (Hemiptera)*Lobesia botrana* (Lepidoptera)*Naupactus xanthographus* (Coleoptera)*Phylctinus callosus* (Coleoptera)

VRIESIA:

Chrysomphalus personatus (Homoptera)

YUCCA:

Ochrinus vittiscutis (Hemiptera)*Zonitoides arboreus* (Mollusca)

ZANTHOXYLUM:

Pulvinaria psidii (Homoptera)

ZEA:

Chilo loftini (Lepidoptera)*Edessa meditabunda* (Hemiptera)*Frankliniella williamsi* (?) (Thysanoptera)*Monomorium destructor* (Hymenoptera)*Pagiocerus fiorii* (Coleoptera)*Pyrausta nubilalis* (Lepidoptera)*Sesamia nonagrioides* (?) (Lepidoptera)

ZINGIBER:

Pentalonia nigronervosa (Homoptera)*"Targionia" hartii* (Homoptera)

ZINGIBERACEAE:

Pulvinaria psidii (Homoptera)

ZINNIA:

Haplothrips gowdeyi (Thysanoptera)

Hosts Unknown

AIRPLANE:

Adelphocoris lineolatus (Hemiptera)
Aeneolamia varia (Homoptera)
A. varia saccharina (Homoptera)
Aethus indicus (Hemiptera)
Cassida circumdata (Coleoptera)
Chalciope hyppasia (Lepidoptera)
Cicadella spectra (Homoptera)
C. viridis (Homoptera)
Coenobela paucula (Lepidoptera)
Dacus cucurbitae (Diptera)
D. dorsalis (Diptera)
Diaphania costata (Lepidoptera)
D. quadristigmatis (Lepidoptera)
Diaprepes abbreviatus (Coleoptera)
D. abbreviatus var. (Coleoptera)
Diathrausta angustella (Lepidoptera)
Elousa albicans (Lepidoptera)
Empoasca kraemeri (Homoptera)
Geotomus pygmaeus (Hemiptera)
Gynaikothrips ficorum(?) (Thysanoptera)
Lachnopus hispidus (Coleoptera)
Leucochroma corope (Lepidoptera)
Lucanus cervus (Coleoptera)
Lygaeus pandurus (Hemiptera)
Mamestra brassicae (Lepidoptera)
Megachile fullawayi (Hymenoptera)
Melamasius hemipterus hemipterus (Coleoptera)
M. hemipterus sericeus (Coleoptera)
Mocis frugalis (Lepidoptera)
Nephotettix apicalis (Homoptera)
Notogramma stigma (Diptera)
Nysius plebeius (Hemiptera)
N. raphanus (Hemiptera)
Otosema odorata (Lepidoptera)
Pachybrachius nigriceps (Hemiptera)
Parocanthus annulatus (Orthoptera)
Platypus rugulosus (Coleoptera)
Plesiommatia mollicella (Homoptera)
Proelymiotis johanna (Lepidoptera)
Pycnarthrum pallidum (Coleoptera)
Pycnoderes monticulifer (Hemiptera)
Saccharosydne saccharivora (Homoptera)
Samodes cancellalis (Lepidoptera)
Sardia pluto (Homoptera)
Scaptocoris minor (Coleoptera)
Schoenobius incertulus (Lepidoptera)
Sinozygon conigerum (Coleoptera)
Spodoptera exempta (Lepidoptera)
S. mauritia (Lepidoptera)
Sybra alternans (Coleoptera)
Synnyrias diffundens (Lepidoptera)
Tetrapirocera longicornis (Coleoptera)

AUTOMOBILE:

Helix aspersa (Mollusca)

BAGGAGE:

Achatina fulica (Mollusca)
Dacus oleae (Diptera)
Diaprepes abbreviatus (Coleoptera)
Diploptera punctata (Orthoptera)
Geotomus pygmaeus (Hemiptera)
Helix cincta (Mollusca)
Iridomyrmex humilis (Hymenoptera)
Nysius plebeius (Hemiptera)
Ochrinnus collaris (Hemiptera)
Plusia chalcites (Lepidoptera)
Prosopius bankii (Coleoptera)
Sybra alternans (Coleoptera)
Theba pisana (Mollusca)

BAGGING:

Trogoderma granarium (Coleoptera)

BARK:

Aspidiotus herculeanus (Homoptera)
Chionaspis salicis (Homoptera)
Ips typographus (Coleoptera)
Polygraphus ruftennus (Coleoptera)

"BEAN"

Ancylostoma stercorae (Lepidoptera)
Trogoderma granarium (Coleoptera)

BRAN:

Trogoderma glabrum (Coleoptera)

BURLAP BAG:

Pheidole megacephala (Hymenoptera)

CARGO—GENERAL:

Achatina achatina (Mollusca)
Theba pisana (Mollusca)

CELLULOSE:

Trogoderma glabrum (Coleoptera)

CONIFEROUS PLANT:

Drymus sylvaticus (Hemiptera)

CORK STAVE:

Scobicia chevrieri (Coleoptera)

CORM—UNIDENTIFIED:

Puto mexicanus (Homoptera)

CRATE:

Helix aspersa (Mollusca)
Reticulitermes tibialis (Isoptera)

CUTTING—UNIDENTIFIED:

Brevipalpus obovatus (Acarina)
Helicella caperata (Mollusca)
Pseudococcus boninensis (Homoptera)

DRIFTWOOD:

Cryptotermes domesticus (Isoptera)
Pheidole megacephala (Hymenoptera)

FLOUR:

Trogoderma granarium (Coleoptera)

FLOWERS:

Bradybaena similis (Mollusca)
Conotelus mexicanus (Coleoptera)
Dialeurodes kirkaldyi (Homoptera)
Frankliniella intonsa (Thysanoptera)
Geotomus pygmaeus (Hemiptera)
Haplothrips gowdeyi (Thysanoptera)
Iridomyrmex humilis (Hymenoptera)
Limax marginatus (Mollusca)
Myzus ascalonicus (Homoptera)
Parthenothrips dracaenae (Thysanoptera)
Platynota rostrana (Lepidoptera)
Protopulvinaria pyriiformis (Homoptera)
Pseudococcus gahani (Homoptera)
Spodoptera mauritia (Lepidoptera)
Taeniothrips atratus (Thysanoptera)
T. picipes (Thysanoptera)
Tetranychus cinnabarinus (Acarina)
Thrips flarus (Thysanoptera)
T. major (Thysanoptera)

FOLIAGE:

Bradybaena similis (Mollusca)

FOOD FOR SALAMANDER:

Deroceras reticulatum (Mollusca)

WITH FRAXINUS SP.:

Aspidaphium cuspidatis(?) (Homoptera)

FRUIT:

Dacus dorsalis (Diptera)
Iridomyrmex humilis (Hymenoptera)
Leptura fulva (Coleoptera)
Monomorium destructor (Hymenoptera)

GRAIN:

Trogoderma glabrum (Coleoptera)

GRASS SEED:

Chirothrips egregius (Thysanoptera)

HERB:

Bradybaena similis (Mollusca)
Capitophorus braggi(?) (Homoptera)
Metopoplax ditomoides (Hemiptera)
Pheidole megacephala (Hymenoptera)
Piesma capitatum (Hemiptera)
Tetranychus cinnabarinus (Acarina)
Tyrophagus infestans (Acarina)

LEAF—UNIDENTIFIED:

Ferrisia virgata (Homoptera)
Lepidosaphes tubulorum (Homoptera)
Restidia ruha(?) (Lepidoptera)
Verina suppicella (Lepidoptera)

LOG:

Conotelus mexicanus (Coleoptera)
Platypus rugulosus (Coleoptera)

MAIL PARCEL:

Achatina fulica (Mollusca)
Coptotermes formosanus (Isoptera)
Geotomus pygmaeus (Hemiptera)
Homoeogamia mexicana (Orthoptera)
Metioche vittaticollis (Orthoptera)
Oxydena fusiiforme (Coleoptera)

*Hosts Unknown—Continued***MILITARY CARGO:**

Cochlicella barbara (Mollusca)
C. ventrosa (Mollusca)
Helicella caperata (Mollusca)
H. derbentina (?) (Mollusca)
H. itala (Mollusca)
H. maritima (Mollusca)
H. neglecta (Mollusca)
H. pyramidata (Mollusca)
H. trochoides (Mollusca)
Helix aspersa (Mollusca)
Metopoplax ditomoides (Hemiptera)
Otala lactea (Mollusca)
O. vermiculata (Mollusca)
Theba pisana (Mollusca)
Xeroleuca mographina (Mollusca)

MOSS:

Tetranychus cinnabarinus (Acarina)

NONE (brought in as food)

Helix aspersa (Mollusca)

PACKING:

Drymus sylvaticus (Hemiptera)

WITH PALM LEAF:

Hexachaeta monostigma (Diptera)

PEAT MOSS:

Monacha schotti (Mollusca)

PLANTS:

Deroeras reticulatum (Mollusca)
Hercinotrips bicinctus (Thysanoptera)
Lamellaris gracilis (Mollusca)
Pheidole megacephala (Hymenoptera)
Protopulvinaria pyriiformis (Homoptera)
Zonitoides arboreus (Mollusca)

PLANT MATERIAL (dried arrangements)

Simodactylus cinnamomeus (Coleoptera)
Sybra alternans (Coleoptera)

QUARTERS:

Callidium rufipenne (Coleoptera)
Neoclytus acuminatus (Coleoptera)

RAILWAY CAR:

Trogoderma glabrum (Coleoptera)
T. inclusum (Coleoptera)

WITH RESIDUE OF TITANIUM OXIDE:

Trogoderma granarium (Coleoptera)

ROOTS:

Arion hortensis (Mollusca)

SPHAGNUM MOSS:

Anisolabis marginalis (Dermaptera)
Monacha cantiana (Mollusca)

STORES:

Trogoderma granarium (Coleoptera)

SUCCULENT:

Iridomyrmex humilis (Hymenoptera)
Pheidole megacephala (Hymenoptera)

TRAILER:

Coptosoma punctatissima (Hemiptera)

VEGETABLE:

Cylas formicarius var. (Coleoptera)

WOOD:

Callidium rufipenne (Coleoptera)
Dinoderus bifoveolatus (Coleoptera)
Heterobostrychus aequalis (Coleoptera)
Hylurgops palliatus (Coleoptera)
Ips typographus (Coleoptera)
Lyctus africanus (Coleoptera)
Micrapate labialis (Coleoptera)
Minthea rugicollis (Coleoptera)
Nasutitermes rippertii (Isoptera)
Phloeosinus shotoensis (Coleoptera)
Pityogenes chalcographus (Coleoptera)
P. quadridens (Coleoptera)
Pityokteines spinidens (Coleoptera)
Plagionotus arcuatus (Coleoptera)
Sinoxylon anale (Coleoptera)
Tetrapriocera longicornis (Coleoptera)
Theba pisana (Mollusca)

Countries of Origin and Insects

AFGHANISTAN:

Trogoderma granarium
T. parabile

ALGERIA:

Parlatoria zizyphus

AMERICAN SAMOA:

Lamellaia gracilis juncea
Pentalonia nigronervosa

AMERICAN VIRGIN ISLANDS:

Anastrepha mombinpraeoptans

ANGUILLA:

Cylas formicarius elegantulus
Fundella pellucens

ANTIGUA:

Furcaspis biformis
Protopulvinaria pyriformis
Pulvinaria psidii
Vinsonia stellifera

ARGENTINA:

Brevipalpus phoenicis
Ceratilis capitata
Ceroptastes rusci
Chrysomphalus personatus
Ectomyelois ceratoniae
Edessa mediatubunda
Naupactus xanthographus
Parlatoria cinerea
Selenothrips rubrocinctus
Tyrophagus infestans
Unaspis citri

ARUBA:

Stephanoderes hampei

AUSTRALIA:

Aonidiella citrina
Ceroptastes rubens
Deroceras reticulatum
Dialeurodes kirkaldyi
Frankliniella schultzei
Gnorimoschema pliosesema
Haplothrips gowdeyi
Isoneurothrips obscuratus(?)
Lepidosaphes tokionis
L. tuberculata
Melanoides tuberculata
Orchamoplatus citri
O. marmaeferus
Pheidole megacephala
Platysectra analis
Pseudanaphothrips achaetus(?)
Taeniothrips hawaiiensis
Tenuipalpus pacificus
Thiara balonensis
Thrips imayinis
Trogoderma granarium

AUSTRIA:

Chionaspis salicis

AZORES:

Heliz aspersa
Hercinothrips bicinctus
Iridomyrmex humilis
Isoneurothrips australis
Pyrausta nubilalis
Sesamia nonagrioides(?)

BAHAMAS:

Ancylotomia stercorea
Aspidiotus destructor
Asterolecanium epidendri
Cylas formicarius elegantulus
Fundella pellucens
Haplothrips gowdeyi
Ips calligraphus
Lepidosaphes tokionis
Monomorium destructor
Vinsonia stellifera
Zenidiatra lineolata

BARBADOS:

Chrysomphalus personatus
Fundella pellucens
Lepidosaphes tokionis
Pseudococcus citricus
"Targionia" hartii
Tenuipalpus pacificus
Vinsonia stellifera

BELGIAN CONGO:

Pentalonia nigronervosa
Stephanoderes hampei

BELGIUM:

Arion circumscriptus
Frankliniella intonsa
Haplothrips aculeatus
Uyturgops palliatus
Phytomyza rufipes
Pityogenes chalcographus
Thrips major

Tyrophagus infestans

BERMUDA:

Bradybaena similis
Brevipalpus obovatus
Diaspis minima
Haplothrips gowdeyi
Iridomyrmex humilis
Pheidole megacephala
Protopulvinaria pyriformis
Sitona lineata

BOLIVIA:

Asterolecanium epidendri

BORNEO:

Sternonchetus frigidus

BRAZIL:

Acanthoscelides bixae
Aleurothrixus juccosus
Asterolecanium epidendri
Bradybaena similis
Ceratilis capitata
Cerconota anonella
Chrysomphalus personatus
C. reniformis (tentative)
Coccus africanus
Deroceras reticulatum
Euscepes postfasciatus
Furcaspis biformis
Gibbibruchus speculifer
Haplothrips gowdeyi
Laspeyresia araucaria(?)
Leucaspis cockerelli
Leucoptera coffeella
Maruca testulalis
Neoleucinodes elegantalis
Parlatoria cinerea
Pectinophora gossypiella
Pinnaspis buxi
Protopulvinaria pyriformis
Pseudoaonidia trilobitiformis
Pseudischinaspis linearis
Stephanoderes hampei
Taeniothrips dianthi
Tenthecoris orchidearum
Tenuipalpus heveae
Tetrapirocerus longicornis
Unaspis citri

BRITISH GUIANA:

Aspidiotus destructor
Neodryocoetes guianae
Vinsonia stellifera

BRITISH HONDURAS:

Brachystethus rubromaculatus
Pheidole megacephala
Pseudischinaspis alienus
Vinsonia stellifera

BRITISH WEST INDIES (island(?)):

Aeneolamia varia saccharina
Saccharosydne saccharivora
Tetrapirocerus longicornis

BURMA:

Parlatoria pseudaspitiotus

CANADA:

Ips borealis
Megalonotus chiragra
Polygraphus rufipennis
Scolytus multistriatus

CANAL ZONE:

Capaneus telricus
Chrysomphalus tenax
Conchaspis orchidarum
Eucactophagus carinipygus
Ferrisia virgata

Countries of Origin and Insects—Continued

CANAL ZONE—Continued

Furcaspis bifurmis
Parlatoria pseudaspidiotus
Pinnaspis buzi
Pseudischinaspis alienus
Vinsonia stellifera
Xestolabus corvinus

CANARY ISLANDS:

Chrysomphalus pinnulifer

CAPE VERDE ISLANDS:

Pheidole megacephala

CENTRAL AMERICA (country(?)):

Anastrepha mombinpraeoptans

CEYLON:

Monomorium destructor

CHILE:

Conoderus rufangulus
Genotremnus chilensis
Gnorimoschema plaetiosema
Iridomyrmex humilis
Leptoglossus chilensis
Listroderes subcinctus
Lygaeus albo-ornatus
Naupactus xanthographus
Porotermes quadricollis
Pseudococcus gahani

CHINA:

Parlatoria zizyphus

Unaspis yanonensis

CHRISTMAS ISLAND:

Notogramma stigma

COLOMBIA:

Anastrepha mombinpraeoptans
Conotelus mexicanus
Ectomyelois muricis
Iridomyrmex pilifer
Lamellazis gracilis
Leucaspis cockerelli
Limaz maximus(?)
Minthea rugicollis
Pagiocerus fiorii
Platypus rugulosus
Tetranychus cinnabarinus

COSTA RICA:

Anastrepha mombinpraeoptans
Aspidiotus palmae
Asterolecanium epidendri
Brevipalpus phoenicis
Ceratitidis capitata
Chrysomphalus umboniferus
Conotrachelus perseae
Deroceras reticulatum
Diaphania quadrastigmatis
Eucacophagus aurocinctus
Farinococcus guatemalensis
Furcaspis bifurmis
Galgupha punctifer
Iridomyrmex iniquus
Lamellazis gracilis
Leucaspis cockerelli
Leucoptera coffeella
Ligyrocoris aurivilliana
Limaz marginatus
Mecolaemus carvalhoi
Pinnaspis buzi
Platynota rostrana
Pseudischinaspis alienus
Vinsonia stellifera
Zonitoides arboreus

CUBA:

Anacentrinus insularis
Anastrepha mombinpraeoptans
A. suspensa
Aspidiotus destructor
A. herculeanus
Asterolecanium epidendri
Bradybaena similis
Brevipalpus phoenicis
Cecilioides aperta
Chrysomphalus propisimus

Coccus viridis
Cyclas formicarius elegantulus
Dialeurodes kirkaldyi
Ectomyelois decolor
Elousa albicans
Euborellia stali
Ferrisia virgata
Gynaikothrips ficorum(?)
Haplothrips gowdeyi
Lachnopus hispidus
Lamellazis mauritanus
Leucaspis cockerelli
Metamasius hemipterus sericeus
Metopoplax ditomoides
Mormidea pictiventris of authors
Nasutitermes rippertii
Nysius raphanus
Pagiocerus fiorii
Pectinophora gossypiella
Pentalonia myronervosa
Pheidole megacephala
Pinnaspis buzi
Platynota rostrana
Protopulvinaria pyriformis
Pseudoparlatoria ostreata
Pycnarthrum pallidum
Ribua innoxia
Selenothrips rubrocinctus
Tetranychus cinnabarinus
Tetrapiocera longicornis
Theba pisana

CURACAO:

Fiorinia theae

CYPRUS:

Ceratitidis capitata

CZECHOSLOVAKIA:

Taeniothrips atratus

DENMARK:

Limothrips denticornis

Phytomyza rufipes

DOMINICAN REPUBLIC:

Anastrepha mombinpraeoptans
Ancylostoma stercora
Cecilioides aperta
Coccus viridis
Cyclas formicarius var.
C. formicarius elegantulus
Diaprepes abbreviatus
Ectomyelois ceratoniae
Metamasius hemipterus hemipterus
Monomorium destructor
Pectinophora gossypiella
Pseudococcus boninensis
Pycnoderes monticulifer
Ribua innoxia
Vinsonia stellifera

EAST AFRICA (country(?)):

Monomorium destructor

ECUADOR:

Althos graptosternus
Aonidiella inornata
Aspidiotus diffinis
Asterolecanium epidendri
Cerconota anonella
Chrysomphalus umboniferus
Epilachna paenulata
Euglandina striata
Furcaspis bifurmis
Iridomyrmex iniquus
Metamasius hemipterus sericeus
Niveaspis vulcanicus
Pagiocerus fiorii
Porphyrabaphe isotoma
Solaropsis monile
Stenoma catenifer

EGYPT:

Ceratitidis capitata
Earias insulana(?)
Gnorimoschema ocellatella
Hellula undalis
Sinozylon anale
Trogoderma granarium

Countries of Origin and Insects—Continued

EL SALVADOR:

Anastrepha mombinpraeoptans
Anastrepha striata(?)
Aulacaspis mangiferae
Chrysomphalus calurus
Dialeurodes citrifolii
Leucaspis cockerelli
Pseudischinaspis alienus
Stenoma catenifer

ENGLAND:

Acanthosoma haemorrhoidale
Anuraphis tulipae
Arion ater
A. circumscriptus
Curculio elephas
Deroceras reticulatum
Dialeurodes chiltendani
Drymus sylvaticus
Eriophyes canestrinii
Ernobius abietis
Euleia heraclei
Filippia viburni
Fossaria truncatula
Frankliniella intonsa
Helix aspersa
Myrmedobia distinguenda
Myzus ascalonicus
Orychilus cellarius
Pealius azaleae
Phytomyza rufipes
Pulvinaria floccifera
Sciocoris cursilans(?)
Stenotarsonemus laticeps
Taeniothrips atratus
T. ericae
T. picipes
Tetranychus cinnabarinus
Thrips flavus
T. major
Trogoderma granarium
Tyrophagus infestans

ENIWETOK:

Furcaspis oceanica
Lepidosaphes esakii

EUROPE (country(?)):

Ceratitis capitata
Leptura fulva
Myzus ascalonicus

FEDERATION OF MALAYA:

Dacus pedestris
Pulvinaria psidii
Styplus dilatatus

FIJI ISLANDS:

Dacus passiflorae
Haplothrips gowdeyi
Lepidosaphes tokionis
Orchamoplatus mammaeferus
Parlatoria zizyphus
Pheidole megacephala
Sardia pluto

FINLAND:

Frankliniella intonsa
Taeniothrips atratus
T. ericae
Thrips flavus

FORMOSA:

Fiorinia theae
Lepidosaphes tuberculata
Parlatoria zizyphus
Trogoderma granarium
Unaspis yanonensis

FRANCE:

Aceria macrochelus
A. macrorhynchus
A. tulipae
Acrolepia assectella
Anuraphis cardui
Arion ater
A. circumscriptus
A. hortensis
Asterobemisia carpinii
Cecilioides acicula
Cenopalpus pulcher
Ceratitis capitata

Curculio elephas
Deroceras reticulatum
Frankliniella intonsa
Grapholliotha janthiana
Helicella caperata
H. itala
H. maritima
Helix aspersa
Iridomyrmex humilis
Laspeyresia splendana
Lobesia botrana
Mamestra brassicae
Micetotrogus pictirostris
Palpita unionalis
Pentarthrum huttoni
Philaenus leucophthalmus
Phytomyza rufipes
Rhagoletis cerasi
Rhaphogaster nebulosa
Rhyparochromus alboacuminatus
Stenopterus rufus
Theba pisana
Thrips angusticeps
T. major

FRENCH WEST AFRICA:

Caryedon fuscus

GERMANY:

Adoxophyes orana
Anthonomus rectirostris
Arion hortensis
Aspidaphium cuspidati(?)
Chionaspis salicis
Deroceras reticulatum
Dryocoetes autographus
Frankliniella intonsa
Haplothrips aculeatus
Helicella caperata
Hercinothrips bicinctus
Ips typographus
Kleidocerys ericae(?)
Leucaspis loewi
Limothrips denticornis
Lucanus cervus
Orychilus alliarius
Phytomyza rufipes
Pityokteines spinidens
Rhagoletis cerasi
Taeniothrips atratus
T. dianthi
Thrips angusticeps
T. flavus
T. major
Tyrophagus infestans

GERMANY(?):

Systole albipennis

GREAT BRITAIN (country(?)):

Evergestis forficatus
Phytomyza rufipes

GREECE:

Ceratitis capitata
Ceroplastes rusci
Cryptoblabes gnidiella
Curculio elephas
Dacus oleae
Ectomyelois ceratoniae
Ephestia calidella
Helicella maritima
Helix figulina
Laspeyresia splendana
Leucaspis riccae
Otala lactea
Parlatoria oleae
Pollinia pollini
Prays oleellus
Sesamia cretica
Thrips angusticeps
Trialeurodes lauri
Trogoderma granarium

GUAM:

Agonozena pyrogramma
Aonidiella inornata
Cassida circumdata
Coccus viridis
Lepidosaphes esakii
Pentalonia nigronervosa

Countries of Origin and Insects—Continued

GUAM(?):

Mamestra brassicae
Mocis frugalis
Nephotettix apicalis
Pachybrachius nigriceps

GUATEMALA:

Anastrepha ludens
A. mombinpraeoptans
A. serpentina
Asterolecanium epidendri
Chrysomphalus calurus
C. umboniferus
Conotrachelus aguacatae
Diorymerellus laevimargo
Eurytoma orchidearum
Furcaspis biformis
Heraeus eximius
Iridomyrmex iniquus
Leucaspis cockerelli
Limax marginatus
Metamasius hemipterus sericeus
Orthezia pseudinsignis
Pseudischinaspis alienus
Pseudoparlatoria ostreata
Puto ulter
Restidia ruha(?)
Tenthecoris distinctus
Verina supplicella

HAITI:

Aganactesis indecora
Anastrepha mombinpraeoptans
Ancylostomia stercorea
Coccus viridis
Haplothrips gowdeyi
Iridomyrmex keileli subfasciatus
Minthea rugicollis
Monomorium destructor
Tetranychus cinnabarinus
Vinsonia stellifera

HAWAII:

Achatina fulica
Antonina bambusae
Aracercus levipennis
Asterolecanium bambusae
Bradybaena similaris
Brevipalpus phoenicis
Caryedon fuscus
Ceratitidis capitata
Ceroplastes rubens
Coccus viridis
Conoderus exsul
Conotulus mexicanus
Coptotermes formosanus
Cryptophlebia illepidia
Cyclas formicarius elegantulus
Dacus cucurbitae
D. dorsalis
Deroceras reticulatum
Diachus auratus
Dialeurodes kirkaldyi
Diocalandra taiensis
Diptoptera punctata
Euscepes postfasciatus
Furcaspis biformis
F. oceanica
Geotomus pygmaeus
Lampides boeticus
Lepidosaphes tokionis
Leucaspis cockerelli
Maruca testulalis
Megacerus alternatus
Metioche vittaticollis
Nysius coenosulus
Odonaspis greenii
Otosema odorata
Ozydema fustiforme
Parlatoria crotonis
P. pseudaspidiotus
P. zizyphus
Pealius hibisci
Pectinophora gossypiella
P. scutigera
Pentalonia nigronervosa
Perkinsiella saccharicida

Pheidole megacephala
Pinnaspis buzi
P. uniloba
Plusia chalcites
Prosoptus bankii
Pseudanidia clavigera
Pseudococcus palmarum
Pulvinaria psidii
Rhabdoscelus obscurus
Selenothrips rubrocinctus
Simodactylus cinnamomeus
Siphanta acuta
Spodoptera mauritia
Stephanoderes perkinsi
Sternochetus mangiferae
Sybra alternans
Systole geniculata
Taeniothrips hawaiiensis
T. vitticornis
Teleonemia scrupulosa(?)
Xiphidiopsis litia

HONDURAS:

Anastrepha mombinpraeoptans
Aspidiotus destructor
Clerada apicicornis
Cosmopolites sordidus
Diaphania costata
Ectomyelois muricis
Furcaspis biformis
Haplothrips gowdeyi
Leucaspis cockerelli
Metamasius hemipterus sericeus
Pheidole megacephala
Platynota rostrana
Stenomoma catenifer
Zonitoides arboreus

HONG KONG:

Bradybaena similis(?)
Cylas formicarius var.
C. formicarius formicarius
Parlatoria zizyphus
Systole geniculata
Tachardina lobata (tentative)
Unaspis yanonensis

HUNGARY:

Rhagoletis cerasi

ICELAND:

Orychilus alliarius

INDIA:

Diazenes dendrobii(?)
Heterobostrychus aequalis
Lyctus africanus
Sternochetus mangiferae
Trogoderma granarium

INDONESIA:

Parlatoria zizyphus

IRAN:

Cenopalpus pulcher
Chionaspis asiatica
Trogoderma grassmani

IRAQ:

Leucaspis pusilla
Trogoderma granarium

IRELAND:

Acalypta parvula
Acanthosoma haemorrhoidale
Arion ater
A. circumscriptus
A. hortensis
Deroceras reticulatum
Dicyphus pallidicornis
Eriophyes canestrinii
Helicella caperata
Myzus ascalonicus
Phylomyza rufipes
Stenotarsonemus laticipes
Taeniothrips atratus
Thrips major

ISRAEL:

Aeolothrips tenuicornis(?)
Ceratitidis capitata
Monacha schotti
Tetranychus cinnabarinus
Thrips angusticeps

Countries of Origin and Insects—Continued

ITALY:

Acrolepia assectella
Anuraphis cardui
Apion carduorum
Aspidiotus degeneratus
Brachycerus albidentatus
B. algrus
Brevipalpus phoenicis
Ceciloides acicula
Ceratitis capitata
Clystiana ambiguella
Cochlicella barbara
C. ventrosa
Cryptoblabes gnidiella
Curculio elephas
C. nucum
Dactyloctenyes uytlenboogaarti
Dacus oleae
Deroceras reticulatum
Ectomyelois ceratoniae
Ephesia calidella
Euzophera bigella(?)
Filippia oleae(?)
Fossaria truncatula
Helicella caperata
H. ilala
H. maritima
H. neglecta
H. pyramidata
H. striata
Helix aspersa
H. cincta
Holocacista rivillei(?)
Homotoma ficus
Hygromia cinctella
Iridomyrmex humilis
Laspeyresia splendana
Lepidosaphes ficus
Limax marinus
Limax gagates
Monacha cantiana
Monomortium destructor
Orsillus depressus
Parlatoria cinerea
P. oleae
P. zizyphus
Philrenus leucophthalmus
Phytomyza rufipes
Piesma capitatum
Pseudochelidura sinuata
Pseudococcus citricus
Pyrausta nubilalis
Reticulitermes lucifugus
Rhagoletis cerasi
Sesamia cretica
Sitona hispidula
Systole geniculata
Tetranychus cinnabarinus
Theba pisana
Thrips angusticeps
Tischeria complanella
Tyrophagus infestans

JAMAICA:

Aeneolamia varia saccharina
Aleurocanthus woglumi
Anastrepha mombinpraecoptans
Ancylostoma stercora
Aspidiotus destructor
Asterolecanium epidendri
Brevipalpus phoenicis
Caryedon fuscus
Ectomyelois decolor
Furcaspsis biformis
Monomortium destructor
Palaeopus costicollis
Pectinophora gossypiella
Platynota rostrana
Pseudoparlatoria ostreata
Veronicella sloani schivelyae
Vinsonia stellifera

JAPAN:

Aethus indicus
Anisolabis marginalis
Aonidiella citrina

A. inornata

Aspidiotus degeneratus
Aulacaspis latissima
Bryobia ehari
Callidium rufipenne
Carposina niponensis
Ceroplastes japonicus
Chalciope hyppasia
Chilo suppressalis
Chrysomphalus setiger(?)
Cicadella viridis
Coccus viridis
Coptosoma punctatissima
Dacus dorsalis
Deroceras reticulatum
Dialeurodes kirkaldyi
D. tristylis
Dichocro. is punctiferalis
Eysarcoris guttiger
Frankliniella formosae
Gracilaria azalella
Hapllothrips gowdeyi
Ips acuminatus
Lepidosaphes conchiformis
L. pini
L. tuberculata
L. tubulorum
Mamestra brassicae
Morganella longispina
Nephotettix apicalis
Nipponaclerda biwakoensis
Nysius plebeius
Odonaspis lobulatus
Oligonychus perditus
Orchamoplatus marmiferus
Palomena angulosa
Parlatoria zizyphus
Pentamerismus oregonensis
Phloeostinus shotoensis
Psylliodes punctifrons
Pyrausta nubilalis
Samoaedus cancellalis
Schoenobius incertulus
Sinozylon conigerum
Spodoptera exzema
Taeniothrips gracilis
T. hawaiiensis
Tetranychus viennensis
Thrips flavus
Trogoderma granarium
Unaspis citri
U. yanonensis
Zonitoides arboreus

JAPAN(?):

Cicadella spectra
Dacus cucurbitae
Parlatoria cinerea
Spodoptera mauritia
Sybra alternans

JORDAN:

Orellia punctata

KENYA:

Aspidiotus destructor
Myzus anselliae
Vinsonia stellifera

KWAJALEIN:

Furcaspsis oceanica
Lepidosaphes esakii
Sybra alternans

KWAJALEIN(?):

Nephotettix apicalis

LEBANON:

Dacus oleae
Prays oleellus

LIBERIA:

Achatina achatina
Leucinodes orbonalis
Pseudococcus njalensis
Xyloperthella crinitarsis

LIBYA:

Helicella maritima
H. neglecta
Theba pisana

Countries of Origin and Insects—Continued

LUXEMBOURG:

Helicella caperata

MALTA:

*Cryptoblabes gnidiella**Iridomyrmex humilis**Parlatoria oleae**Thrips angusticeps*

MARIANA ISLANDS:

Lophothetes hirsutus

MEXICO:

*Acalymma trivittata**Aconophora sinanjensis**Aleurocanthus woglumi**Aleuroglandulus emmae**Aleuroparadozus gardeniae**Aleuropatus variegatus(?)**Althos obscurus**Anastrepha ludens**A. mombinpraeoptans**A. striata**Anthonomus albolineatus**Asterolecanium epidendri**Batrachedra linaria**Caclophagus validirostris**Capaneus tetricus**Capitophorus braggii(?)**Chelysoma variabilis**Chilo loftini**Chrysomphalus agavis**C. albopictus**C. nigropunctatus**C. personatus**C. sphaeroides**C. tenax**C. tricuspis**Coelonertus nigristrostris**Conotelus mexicanus**Conotrachelus aguacatae**C. perseae**Cortimelaena alticola**C. palmeri**Cosmopolites sordidus**Cryphalomorpha jalappae**Cryphula apicatus**Cylas formicarius elegantulus**Dactylopius confusus**Dendrocoris suffultus**Deroceras reticulatum**Dialeurodes citrifolii**Diorymerellus laevimargo**Dysdercus mimulus**Epilachna nigrocineta**Epinotia aporema**Eremberga insignis**Everes comyntas**Ezptochiomeria albomaculata**Ferrisia virgata**Frankliniella williamsi(?)**Furcaspsis biformis**Galgupha punctifer**G. tezana**Gnorimoschema gudmannella**Gymnococcus agavium**Haplothrips clarisetis(?)**Helix aspersa**Hesperolabops gelastops**Hexachaeta monostigma**Homoeogamia mexicana**Iridomyrmex humilis**Isorhinus undatus**Lepidosaphes philococcus**Leptopharsa tenuis**Leucoptera coffeella**Ligyrocoris aurivilliana**Limax marginatus**Melanocoryphus circumlitis**Metamasius hemipterus sericeus**Micrapate labialis**Mimosestes dominicanus**Mormidea pictiventris**Myodocha giraffa**Myrmecophila americana**Nasutitermes corniger**Neoleucinodes elegantalis**Nysius raphanus**Ochrinus vitticatus**Oedancala bimaculata**Opuntiaspis carinata**Orthesia pseudinsignis**Pallantia maculata**Parisoschoenus expositus**P. flavolimbatus**Pectinophora gossypiella**Phelypera distigma**Platyodera scabricula**Platynota rostrana**Platypus rugulosus**Pseudischinaspis alienus**Pseudococcus eualatensis**Pseudoparlatoria ostreata**Psylla minuticonica(?)**Pulvinaria psidii**Puto mexicanus**Pyrgocorypha sallei**Reticulitermes flavipes**R. tibialis**Scaphidium atrum**Scolytus multistriatus**Stenomoma catenifer**"Targionia" bromiliae**Tenthetocoris bicolor**T. confusus**T. orchilearum**T. vestitus**Tetranychus cinnabarinus**Toxotrypana curvicauda**Trialeurodes vitrinellus**Trioza anceps**Trogoderma glabrum**T. inclusum**T. parabile**T. sternale plagifer**Trogozylon prostomoides**Zonitoides arboreus*

MIDWAY ISLANDS:

Cicadella spectra

MIDWAY ISLANDS(?):

*Cicadella viridis**Mocis frugalis*

MOROCCO:

*Cochlicella barbara**C. ventrosa**Helicella maritima**H. trochoides**Otala vermiculata**Scobicia chevrieri**Systole albipennis**Theba pisana**Thrips angusticeps**Xeroleuca mograbina*

MOROCCO(?):

*Laspeyresia splendana**Metopoplax ditomoides*

NEPAL:

Pulvinaria psidii

NETHERLANDS:

*Acrolepis assectella**Adoxophyes orana**Anuraphis tulipae**Arion circumscriptus**A. hortensis**Deroceras reticulatum**Dialeurodes chittendeni**Eriophyes canestrinii**Evergestis forficatus**Gracilaria azaleella**Haplothrips aculeatus**Phytomyza rufipes**Trogoderma granarium*

NETHERLANDS EAST INDIES:

Caryedon fuscus

NEW CALEDONIA:

*Morganella longispina**Unaspis citri*

Countries of Origin and Insects—Continued

NICARAGUA:

Anastrepha mombinpraeoptans
Aspidiotus herculeanus
Chrysomphalus personatus
Empoasca kraemeri
Paroecanthus annulatus
Plesiommata mollicella
Pseudischnaspis alienus
P. longissima

NIGERIA:

Dinoderus bifoveolatus

NIGERIA (?)

Trogoderma granarium

NORTH AFRICA (country(?)):

Theba pisana

NORTHERN IRELAND:

Steneotarsonemus laticeps

NORWAY:

Ips typographus
Lecanium corni
Pityogenes chalcographus

OKINAWA:

Parlatoria zizyphus
Unaspis yanonenis

PAKISTAN:

Trogoderma granarium

PALMYRA ISLAND:

Pheidole megacephala

PALMYRA ISLAND(?):

Megachile fullawayi

PANAMA:

Anastrepha mombinpraeoptans
Ancylostomia stercorea
Aulacaspis mangiferae
Chrysomphalus umboniferus
Conchaspis orchidarum
Cosmopolites sordidus
Diadurodes citrifolii
Diathrausta angustella
Fundella pellucens
Furcaspis biformis
Geotomus spinolai
Leucaspis cockerelli
Leucochroma corope
Metamastus hemipterus sericeus
Miogyllus ensifer
Parlatoria cinerea
P. pseudaspidotus
Platypus rugulosus
Pseudischnaspis alienus
Stenoma catenifer
Tetrapiocera longicornis
Unaspis citri
Valtissius diversus
Vinsonia stellifera

PERU:

Epinotia aporema
Helix aspersa
Pagiocerus fiorii
Stenoma catenifer

PHILIPPINES:

Aleurocanthus spiniferus
Aleurotuberculatus jasmini
Aspidiotus excisus
A. palmae
Chrysomphalus tingi
Ferrisia virgata
Fiorinia nephelii
F. theae
Furcaspis biformis
Heterobostrychus aequalis
Icerya seychellarum
Lepidosaphes tuberculata
Monomorium destructor
Pachybrachius nietneri
Parlatoria chinensis
P. pseudaspidotus
P. zizyphus
Phenacoccus hirsutus
Pinaspis buzi
Pseudoanidia trilobitiformis
Pseudococcus lilacinus
Pulvinaria psidii
Tenuipalpus pacificus
Unaspis yanonenis

POLAND:

Baris lepidii
Curculio nucum
Deroceras reticulatum
Frankliniella intonsa
Lecanium corni
Pyrausta nubilalis
Rhagoletis cerasi
Taeniothrips atratus
Thrips major

PORTUGAL:

Acrolepia assectella
Aspidiotus britannicus
Callirhytis glandium
Ceratitis capitata
Ctenoglyphus canestrinii
Curculio elephas
C. nucum
Deroceras reticulatum
Dicyphus annulatus
Haplothrips coltei
Iridomyrmex humilis
Laspeyresia splendana
Limax marginatus
Rhagoletis cerasi
Taeniothrips ericae
Testaceella maugei
Zonitoides arboreus

PUERTO RICO:

Anastrepha mombinpraeoptans
A. suspensa
Ancylostomia stercorea
Cylas formicarius elegantulus
Diaprepes abbreviatus
D. abbreviatus var.
Doru albipes
Ectomyelois ceratoniae
Euscepes postfasciatus
Fundella pellucens
Maruca testulalis
Metamasius hemipterus hemipterus
Ochrinus collaris
Pectinophora gossypiella
Pentalonia nigronervosa
Pheidole megacephala
Protopulvinaria longivalvata
Pulvinaria urbicola
Vinsonia stellifera

RUMANIA:

Rhagoletis cerasi

ST. KITTS:

Ancylostomia stercorea
Euscepes postfasciatus

SCOTLAND:

Limothrips denticornis
Micrelus ericae
Steneotarsonemus laticeps
Taeniothrips atratus
T. ericae
Thrips major

SIERRA LEONE:

Alcidodes dentipes

SINGAPORE:

Pinaspis orchidarum
Tenuipalpus pacificus
Trogoderma granarium

SOUTH AMERICA (country(?)):

Haplothrips gowdeyi

SOUTH PACIFIC:

Coccus viridis
Lepidosaphes tokionis
Orchamoplatus mammaeferus
Pulvinaria psidii

SPAIN:

Ceratitis capitata
Chilo suppressalis
Cryptoblabes gnidiella
Curculio elephas
Dacus oleae
Deroceras reticulatum
Ectomyelois ceratoniae
Eurydema ornatum
Helicella maritima
Helix aspersa
Laspeyresia splendana

Countries of Origin and Insects—Continued

SPAIN—Continued

Newsteadia floccosa
Parlatoria zizyphus
Rhagoletis cerasi

SURINAM:

Fundella pellucens
Tettigonia oculata
Vinsonia stelfifera

SWEDEN:

Ips typographus
Parthenothrips dracaenae
Phytomyza rufipes
Pityogenes chalcographus
P. quadridens
Pityophthorus micrographus
Taeniothrips atratus
Thrips flavus
Ulopa reticulata

SWITZERLAND:

Curculio elephas
Deroceras reticulatum
Ernobius abietis
Haplothrips aculeatus
Phytomyza gentianae(?)
Psylla rhododendri
Stenoptilia stigmatodactyla

SYRIA:

Ceratitidis capitata

TAHITI:

Aspidiotus destructor
Dialeurodes kirkaldyi
Morganella longispina

THAILAND:

Parlatoria zizyphus

TORTOLA:

Ancylostomia stercorea
Euscepes postfasciatus
Orocharis vaginalis

TRINIDAD:

Aeneolamia varia
A. varia saccharina
Anastrepha mombinpraeoptans
Ancylostomia stercorea
Coenobela paucula
Dercynus micronyx
Euscepes postfasciatus
Lepidosaphes tokionis
Maruca testulalis
Nasutitermes costalis
Orthesia praelonga
Palaeopus costicollis
Parlatoria cinerea
Pectinophora gossypiella
Pinnaspis buxi
Protopulvinaria longivalvata
Pseudonidia trilobitiformis
Vinsonia stelfifera

TUNISIA:

Ceratitidis capitata
Dacus oleae
Parlatoria zizyphus

TURKEY:

Aspidiotus hedericola
Megastigmus suspectus pinsapinis
Prays oleellus
Stenodema holsatum
Theba pisana

TURKEY (?)

Helicella derbentina(?)
Helicella pyramidata

UNION OF SOUTH AFRICA:

Agrostothrips guillarmodi
Blissus capitatus
Ceratitidis capitata(?)

Chirothrips egregius
C. hoodi
C. pretorianus
Cryptophlebia leucotreta
Epichorista ionephela
Frankliniella schultzei
Haplothrips powdeyi
H. nigricornis(?)
Homothrips distinctus
Iridomyrmex humilis
Megastigmus pistaciae
Orychilus altharius
Parlatoria cinerea
Phenacoccus stelli
Phylctinus callosus
Pseudococcus gahani
Pyrausta nubilalis

UNION OF SOVIET SOCIALIST REPUBLICS:

Dacus oleae

UNKNOWN:

Adelphocoris lineolatus
Andrector atrofasciatus
Aonidiella citrina
Arion hortensis
Ceratitidis capitata
Conotelus mexicanus
Cryptophlebia leucotreta
Deroceras reticulatum
Ectomyelois ceratoniae
Euleia heraclei
Frankliniella intonsa
Iridomyrmex humilis
Lygaeus pandurus
Metopoplax ditomoides
Myzus ascalonicus
Otala vermiculata
Parlatoria cinerea
P. zizyphus
Pheidole megacephala
Plagionotus arcuatus
Taeniothrips atratus
Theba pisana
Trogoderma granarium

VENEZUELA:

Bephrata maculicollis
Coccus viridis
Ectomyelois muricis
Euscepes postfasciatus
Eutetranychus banksi
Furcaspis bifurmis
Hypsipyla ferrealis
Nasutitermes ephratae
Palaeopus costicollis
Proelymiotus johanna
Scaptocoris minor
Synnyrias difundens
Vinsonia stelfifera

VENEZUELA (?)

Neoclytus acuminatus

VIETNAM:

Minthea rugicollis
Parlatoria zizyphus
Sternonchetus olivieri

WAKE ISLAND:

Cryptotermes domesticus

WEST PACIFIC:

Geotomus pygmaeus
Nephotettix apicalis

YUGOSLAVIA:

Laspeyresia splendana
Monanthia lupuli
Rhagoletis cerasi
Stenodema laevigatum(?)

Pests Collected and Reported From July 1, 1958, Through June 30, 1959

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
† <i>Albugo platensis</i> (Speg.) Swing.: <i>Boerhaavia</i> sp. (spiderling)	Philippines			1	Hawaii.
<i>Alternaria dianthi</i> F. L. Stevens & J. G. Hall: <i>Dianthus caryophyllus</i> (carnation)	France, Japan	2			Hawaii, N.Y.
† <i>Alternaria porri</i> (Ell.) (Cif.: <i>Allium porrum</i> (leek)	Netherlands		1		Calif.*
† <i>Angiopsora ampelopsidis</i> (Diet. et Syd.) Thirum. et Kern: <i>Vitis vinifera</i> (European grape)	Japan		1		Hawaii.
† <i>Anguina tritici</i> (Steinbuch) Filip.: <i>Triticum aestivum</i> (wheat)	Italy			1	N.Y.
<i>Aphelenchoides fragariae</i> (Ritzema Bos) Christie: <i>Bletilla hyacinthina</i> (orchid)	Japan, Netherlands			7	N.J.
<i>Dahlia</i> sp.	Belgium			1	N.J.
<i>Heuchera 'Pruhoniciana' & 'Scintillation'</i>	England			1	N.J.
<i>Faconia</i> sp.	Japan			1	Fla.
<i>Aphelenchoides subtenuis</i> (Cobb) Steiner & Bührer: <i>Narcissus</i> sp.	Italy			1	N.Y.
† <i>Ascochyta graminicola</i> Sacc.(?): <i>Paspalum</i> sp.(?)	Mexico		1		Tex.
<i>Ascochyta pisi</i> Lib.: <i>Lens culinaris</i> (lentil)	†Spain	1			N.Y.
<i>Phaseolus vulgaris</i> var. (string bean)	Japan		1		Wash.
<i>Pisum sativum</i> (pea)	Italy, Japan, Mexico, †Union of Soviet Socialist Republics.	1	3	1	Calif.* Ill., N.Y., Tex.
<i>Ascochyta pisi</i> Lib.(?): <i>Vicia faba</i> (broadbean)	Italy		1		N.Y.
† <i>Asterina raripoda</i> Doidge(?): <i>Epidendrum radicans</i> (orchid)	Costa Rica			1	Fla.
† <i>Cercospora angraci</i> Feuill. & Roun.: <i>Odontoglossum cariniferum</i> (orchid)	do			1	Calif.*
† <i>Cercospora coffeicola</i> Berk. & Cke.: <i>Coffea</i> sp.	Puerto Rico			1	Fla.
† <i>Cercospora grandissima</i> Rangel: <i>Dahlia</i> sp.	Argentina	1			N.Y.
† <i>Cercospora handelii</i> Bub.: <i>Rhododendron indicum</i> (indica azalea)	Japan			1	Calif.*
<i>Rhododendron</i> sp.	Union of South Africa	1			N.Y.
† <i>Cercospora henningsii</i> Allesch.: <i>Manihot esculenta</i> (cassava)	Trinidad			1	N.Y.
† <i>Cercospora odontoglossi</i> Prill. & Del.: <i>Odontoglossum</i> sp. (orchid)	France			1	N.Y.
<i>Cercospora oryzae</i> I. Miyake: <i>Oryza sativa</i> (rice)	Mexico	1			Tex.
† <i>Cercospora pancratii</i> Ell. & Ev.: <i>Hymenocallis</i> sp.	do			1	Tex.
<i>Cercospora psidii</i> Rangel: <i>Psidium guajava</i> (guava)	do	1			Tex.
<i>Cercospora punicea</i> P. Henn.: <i>Punica granatum</i> (pomegranate)	Puerto Rico	1			P.R.
<i>Cercospora mori</i> Pk.: <i>Morus</i> sp. (mulberry)	Mexico	1			Tex.
<i>Chrysomya ledi</i> d By. var. <i>rhododendri</i> (d By.) Savile: <i>Rhododendron charitopes</i>	Canada			1	Wash.
<i>R. ferrugineum</i> (rock rhododendron)	Austria, Germany, Switzerland, unknown.	15			N.J., N.Y.
<i>R. hirsutum</i> (garland rhododendron)	Austria, Germany	2			N.J.
<i>R. racemosum</i> (Mayflower rhododendron)	Canada			1	Wash.
<i>Rhododendron</i> sp.	Austria, Switzerland	4		1	D.C., Ill., N.Y.
† <i>Cladosporium graminum</i> Lk.: <i>Arrhenatherum</i> sp.	Yugoslavia			1	D.C.

See footnotes at end of this list.

Pests Collected and Reported From July 1, 1958, Through June 30, 1959—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Coleosporium plumeriae</i> Pat.:					
<i>Plumeria</i> sp.-----	Mexico-----			1	Tex.
<i>Colletotrichum dematium</i> (Fr.) Grove f. <i>truncata</i> (Schw.) Arx:					
<i>Pisum sativum</i> (pea)-----	do-----		1		Tex.
† <i>Colletotrichum graminicola</i> (Ces.) G. W. Wils.:					
<i>Sorghum vulgare</i> (sorghum)-----	Ceylon-----			1	D.C.
<i>Coniella diplodiella</i> (Speg.) Petr. & Syd.:					
<i>Vitis</i> sp. (grape)-----	Denmark-----			1	Calif.*
† <i>Coniothecium citri</i> McAlp.(?):					
<i>Citrus limon</i> (lemon)-----	Italy-----		1		Tex.
† <i>Coniothecium scabrum</i> McAlp.:					
<i>Citrus paradisi</i> X <i>C. reticulata</i> (tangelo)-----	India-----	1			Hawaii.
<i>C. sinensis</i> (orange)-----	Australia-----		1		Hawaii.
† <i>Coniothyrium aucubae</i> Sacc.:					
<i>Aucuba japonica variegata</i> -----	Netherlands-----			1	N.J.
† <i>Coniothyrium concentricum</i> (Desm.) Sacc.:					
<i>Yucca filamentosa</i> (Adamsneedle yucca)-----	do-----			1	N.Y.
† <i>Coniothyrium cytisellum</i> (Pass. & Thuem.) Sacc.:					
<i>Laburnum X watereri</i> -----	Belgium-----			3	N.J.
<i>Coniothyrium globuliforme</i> Speg.:					
<i>Agave americana</i> (maguey)-----	Mexico-----	1			Tex.
<i>Opuntia</i> sp.-----	do-----			1	Tex.
† <i>Cordana musae</i> (Zimm.) Hoehn.:					
<i>Musa paradisiaca sapientum</i> (banana)-----	do-----	1			Calif.*
† <i>Corticium centrifugum</i> Bres.:					
<i>Pyrus communis</i> (pear)-----	Argentina-----		1		Pa.
† <i>Corynebacterium fascians</i> (Tilford) Dows.:					
<i>Dahlia</i> sp.-----	Switzerland-----			1	N.Y.
<i>Phlox</i> sp.-----	Netherlands-----			1	N.J.
<i>Corynespora cassicola</i> (Berk. & Curt.) Wei:					
<i>Chamaedorea</i> sp. (palm)-----	Mexico-----	1			Tex.
<i>Lycopersicon esculentum</i> (tomato)-----	do-----	2			Tex.
† <i>Coryneum carpophilum</i> (Lév.) Jauch:					
<i>Prunus persica</i> (peach)-----	Peru-----		1		Fla.
† <i>Cricanemoides informis</i> (Micoletzky) Taylor:					
Plant—unidentified-----	Mexico-----			1	Tex.
<i>Cricanemoides mutabile</i> Taylor:					
<i>Axonopus</i> sp. (carpet grass)-----	do-----			1	Tex.
Soil with <i>Jasminum</i> sp.-----	do-----			1	Tex.
Soil with <i>Narcissus</i> sp.-----	do-----			1	Tex.
Soil with potted plants-----	do-----			1	Tex.
Soil with tractor-----	do-----	1			Tex.
† <i>Cryptocline paradoxa</i> (deN.) Arx:					
<i>Hedera helix</i> 'Baltic'-----	Netherlands-----			1	N.J.
† <i>Curvularia geniculata</i> (Tracy & Earle) Boed. group:					
<i>Chamaedorea</i> sp. (palm)-----	Mexico-----	1			Tex.
<i>Curvularia lunata</i> (Wakk.) Boed.:					
<i>Gladiolus</i> sp.-----	Cuba-----	2			Fla.
† <i>Cytospora chrysosperma</i> Fr.:					
<i>Salix</i> sp. (willow)-----	Ireland-----			1	N.Y.
† <i>Cytospora palmicola</i> Berk. & Curt.:					
<i>Cocos nucifera</i> (coconut)-----	Mexico-----			1	Tex.
† <i>Cytospora sacchari</i> Butl.:					
<i>Saccharum officinarum</i> (sugarcane)-----	Argentina-----			1	D.C.
<i>Dendrophoma obscurans</i> (Ell. & Ev.) H. W. Anderson:					
<i>Fragaria</i> sp. (strawberry)-----	Czechoslovakia, †France, †Germany, †Netherlands.			7	N.J., N.Y.
<i>Diaporthe eres</i> Nits.:					
<i>Magnolia watsonii</i> (Watson magnolia)-----	Japan-----			2	Calif.*
† <i>Dinemasporium oryzae</i> I. Miyake:					
<i>Oryza sativa</i> (rice)-----	do-----	1			Calif.*
† <i>Diplodia barringtoniae</i> F. Tassi:					
<i>Barringtonia speciosa</i> (India barringtonia)-----	Philippines-----			1	N.Y.
† <i>Diplodia cococarpa</i> Sacc.:					
<i>Cocos nucifera</i> (coconut)-----	Guam-----	1			Calif.*

See footnotes at end of this list.

Pests Collected and Reported From July 1, 1958, Through June 30, 1959—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
‡ <i>Diplodia oleae</i> Pegl.: <i>Olea europaea</i> (olive).....	Lebanon.....	1	---	---	Mass.
† <i>Diplodia oryzae</i> I. Miyake: <i>Oryza sativa</i> (rice).....	Japan.....	1	3	---	Calif.*
† <i>Discohainesia oenotherae</i> (Cke. & Ell.) Nannf.: <i>Fragaria</i> sp. (strawberry).....	Czechoslovakia.....	---	---	1	N.J.
<i>Ditylenchus destructor</i> Thorne: <i>Dahlia</i> 'Leander'.....	Germany.....	---	---	1	N.J.
<i>Dahlia</i> 'Mr. Henry'.....	†Union of South Africa.....	---	---	1	N.J.
<i>Dahlia</i> hybrids.....	do.....	---	---	2	N.J.
<i>Dahlia</i> sp.....	Germany.....	---	---	1	N.J.
<i>Iris</i> sp.....	England.....	---	---	1	N.Y.
<i>Ditylenchus destructor</i> Thorne(?): <i>Dahlia</i> 'Tenshin'.....	†Japan.....	---	---	1	N.J.
<i>Dahlia</i> sp.....	†Czechoslovakia, France.....	---	---	2	N.J.
<i>Ditylenchus dipsaci</i> (Kühn) Filip.: <i>Allium sativum</i> (garlic).....	Argentina, Italy, Mexico, Nether- lands, Spain.....	8	2	---	Ariz., La., N.Y., P.R.
<i>Narcissus bulbocodium</i> ssp. <i>romieuzei</i>	England.....	---	---	1	N.J.
<i>Narcissus</i> sp.....	England, Italy.....	---	---	2	N.J., N.Y.
<i>Scilla sibirica</i> (Siberian squill).....	Germany.....	---	---	1	N.Y.
<i>Elsinoe australis</i> Bitanc. & Jenkins: <i>Citrus aurantifolia</i> (sweet lime).....	Brazil.....	---	1	---	Pa.
<i>C. limon</i> (lemon).....	Argentina, Brazil.....	---	12	---	Calif.* La., N.Y., Tex.
<i>C. reticulata</i> (Mandarin orange).....	Argentina, Brazil, Paraguay, unknown.....	1	10	---	Fla., N.Y., Tex.
<i>C. sinensis</i> (orange).....	Argentina, Brazil, unknown.....	2	74	---	Calif.* Fla., La., Md., Mass., N.Y., Pa., Tex.
<i>Elsinoe mangiferae</i> Bitanc. & Jenkins: <i>Mangifera indica</i> (mango).....	†Haiti, Mexico, Puerto Rico.....	3	1	---	Ga., N.Y., Tex.
† <i>Entomosporium maculatum</i> Lév.: <i>Amelanchier</i> sp. (serviceberry).....	Canada.....	---	---	2	N.J.
<i>Entyloma oryzae</i> Syd. & P. Syd.: <i>Oryza sativa</i> (rice).....	†Hong Kong, India, Japan, Mexico.....	10	80	---	Calif.* Hawaii, Mass., N.Y., Tex.
<i>Erwinia citrimaculans</i> (Doidge) Magrou(?): <i>Citrus sinensis</i> (orange).....	Africa (country(?)).....	---	1	---	Tex.
† <i>Eutypella cocos</i> Ferd. & Winge: <i>Cocos nucifera</i> (coconut).....	British Samoa.....	4	---	---	Calif.*
<i>Fusarium oxysporum</i> Schlecht.: <i>Rudbeckia</i> sp. (coneflower).....	Netherlands.....	---	---	1	N.Y.
† <i>Fusicladium eriobotryae</i> (Cav.) Sacc.: <i>Eriobotrya japonica</i> (loquat).....	Greece.....	1	---	---	N.Y.
† <i>Gibbera compacta</i> (Pk.) Shear(?): <i>Beaucarnea</i> sp.....	Mexico.....	---	---	1	Tex.
† <i>Gnomonia leptostyla</i> (Fr.) Ces. & deN.: <i>Juglans</i> sp. (walnut).....	Germany.....	1	---	---	Tex.
<i>Gotholdsteineria goodenii</i> (Loof & Oostenbrink) Andrassy: <i>Apium</i> sp. (celery).....	†Norway.....	---	---	1	Calif.*
Soil with <i>Allium porrum</i> (leek).....	†Germany.....	---	---	1	Md.
Soil with <i>Daucus carota</i> (carrot).....	†Netherlands.....	---	---	1	Md.
Soil with plants.....	Ireland.....	---	---	1	Mass.
"Greasy spot": <i>Citrus sinensis</i> (orange).....	Mexico.....	1	---	---	Tex.
<i>Citrus</i> sp.....	do.....	1	---	---	Tex.
<i>Gymnosporangium haraeanaum</i> Syd.: <i>Juniperus chinensis</i> var. <i>sargentii</i>	Japan.....	---	---	1	Hawaii.

See footnotes at end of this list.

Pests Collected and Reported From July 1, 1958, Through June 30, 1959—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Helicotylenchus erythrinae</i> (Zimmermann) Golden:					
Soil.....	Canada.....	1			Mass.
Soil with <i>Juniperus</i> sp. and <i>Sorbus</i> sp.....	†Finland.....			1	Mass.
Soil with plant.....	Italy.....			1	Mass.
Soil with <i>Solanum tuberosum</i> (potato).....	Scotland.....			1	Mass.
<i>Helicotylenchus multicinctus</i> (Cobb) Golden:					
Soil with <i>Tradescantia fluminensis</i> (wandering-jew).....	Mexico.....			1	Tex.
<i>Helicotylenchus nannus</i> Steiner:					
<i>Beta vulgaris</i> (beet).....	†Ceylon.....		1		Mass.
Cactus.....	Mexico.....			1	Tex.
Soil.....	†American Virgin Islands, Mexico.....	2			P.R., Tex.
Soil with <i>Begonia</i> sp.....	Mexico.....			2	Tex.
Soil with bulbs.....	do.....			1	Tex.
Soil with <i>Gardenia augusta</i> (gardenia).....	do.....			3	Tex.
Soil with <i>Hibiscus</i> sp.....	do.....			1	Tex.
Soil with <i>Nerium oleander</i> (oleander).....	do.....			1	Tex.
Soil with plants.....	do.....			6	Tex.
Soil with tractor.....	do.....	1			Tex.
† <i>Helminthosporium oryzae</i> B. de Haan:					
<i>Oryza sativa</i> (rice).....	Hong Kong.....	1			Pa.
† <i>Hendersonia citri</i> McAlp.:					
<i>Citrus paradisi</i> (grapefruit).....	Australia.....		1		Hawaii.
† <i>Hendersonia socia</i> McAlp.:					
<i>Citrus sinensis</i> (orange).....	do.....		1		Hawaii.
<i>Heterodera avenae</i> (Wr.) Filip.:					
Soil.....	France.....	1			N.Y.
Soil with <i>Amaryllis</i> sp. and <i>Clivia</i> sp.....	Germany.....			1	N.Y.
Soil with automobiles.....	England, Germany.....	4			Ala., Tex.
Soil with <i>Brassica napobrassica</i> (rutabaga).....	Netherlands.....	1			Fla.
Soil with <i>Chrysanthemum</i> sp.....	England.....			1	N.J.
Soil with <i>Dahlia</i> sp.....	Czechoslovakia.....			1	N.J.
Soil with <i>Fragaria</i> sp. (strawberry).....	Germany.....			1	D.C.
Soil with <i>Gladiolus</i> sp.....	England.....			1	N.J.
Soil with orchid plant.....	†Portugal.....			1	Mass.
Soil with plants.....	England.....		1	2	Fla., Mass., N.Y.
Soil with <i>Ribes nigrum</i> and <i>R. rubrum</i>	Czechoslovakia.....			1	N.J.
Soil with <i>Solanum tuberosum</i> (potato).....	Denmark, Japan.....			2	Tex.
<i>Heterodera cacti</i> Filip. & Schuurm. Stek.:					
Soil.....	Mexico.....	5	1		Ariz., Calif., Tex.
Soil with <i>Adiantum</i> sp. (maidenhair fern).....	do.....			1	Tex.
Soil with <i>Agave</i> sp.....	do.....			1	Ariz.
Soil with <i>Allium sativum</i> (garlic).....	do.....	4			N.Y., Pa.
Soil with <i>Asparagus sprengeri</i>	do.....			1	Tex.
Soil with <i>Begonia</i> sp.....	do.....	1		4	Tex.
Soil with <i>Bellis</i> sp. (daisy).....	do.....			1	Tex.
Soil with bulbs, plants, and tubers.....	do.....			1	Tex.
Soil with cactus plants.....	†Austria, France, Germany, Mexico, Switzerland.....		1	47	Calif., *Ill., Mass., N.J., N.Y., Tex.
Soil with <i>Caladium</i> sp.(?).....	Mexico.....			1	Tex.
Soil with <i>Capsicum frutescens</i> (pepper).....	do.....			1	Tex.
Soil with <i>Cereus</i> sp. (cactus).....	†Netherlands.....			1	N.J.
Soil with <i>Chrysanthemum parthenium</i> (feverfew) and <i>Mentha</i> sp. (mint).....	Mexico.....			1	Tex.
Soil with <i>Coleus</i> sp.....	do.....			1	Tex.
Soil with <i>Cymbopogon citratus</i> (lemongrass).....	do.....			1	Tex.
Soil with <i>Dianthus caryophyllus</i> (carnation).....	do.....			1	Tex.
Soil with <i>Epidendrum</i> sp. (orchid).....	†Brazil.....			1	D.C.
Soil with fern plants.....	Mexico.....			2	Tex.
Soil with <i>Gardenia augusta</i>	do.....	1			Tex.
Soil with <i>Gossypium</i> sp. (cotton).....	do.....			1	Tex.

See footnotes at end of this list.

Pests Collected and Reported From July 1, 1958, Through June 30, 1959—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Heterodera cacti</i> Filip. & Schuurm. Stek.—Con.					
Soil with <i>Gypsophila</i> sp.	Mexico	1			Tex.
Soil with <i>Jasminum</i> sp.	do			1	Tex.
Soil with <i>Lilium</i> sp. (lily)	do			1	Tex.
Soil with <i>Mammillaria</i> sp. (cactus)	do			1	Ariz.
Soil with <i>Matthiola</i> sp. (stock) and <i>Zebrina</i> sp.	do			1	Tex.
Soil with <i>Mentha</i> sp. (mint)	do			2	Ill., Tex.
Soil with <i>Pelargonium</i> sp. (geranium)	do			2	Tex.
Soil with <i>Pelargonium</i> sp. and <i>Verbena</i> sp.	do			1	Ariz.
Soil with <i>Pilea</i> sp.	do			1	Tex.
Soil with plants	England, Mexico	2		42	Ariz., Mass., Tex.
Soil with railway car	Mexico		13		Ariz., Tex.
Soil with roots	do	1			Tex.
Soil with <i>Rosa</i> sp.	do			1	Ariz.
Soil with <i>Rumex</i> sp. (dock)	do			1	D.C.
Soil with <i>Selaginella</i> sp.	do			1	Tex.
Soil with <i>Solanum tuberosum</i> (potato)	do			4	Calif., Tex.
Soil with succulent plants	do			3	Tex.
Soil with truck	do	1			Tex.
Soil with <i>Zebrina pendula</i>	do			1	Tex.
Soil with <i>Zephyranthes</i> sp. (zephyrlily)	do			2	Ariz., Tex.
† <i>Heterodera humuli</i> Filip.(?)					
Soil with <i>Humulus</i> sp. (hop)	Yugoslavia			1	D.C.
<i>Heterodera punctata</i> Thorne:					
Soil	Germany	1			Ala.
Soil with automobiles	England, France, Germany, Italy.	12			Ala., Fla., Md., Mass., N.Y., Tex.
Soil with cactus plant	Mexico			1	Tex.
Soil with <i>Calluna vulgaris</i> (heather)	Scotland			1	N.Y.
Soil with <i>Chrysanthemum</i> sp.	England			1	N.J.
Soil with <i>Cyclamen</i> sp.	do			1	N.J.
Soil with <i>Dahlia</i> sp.	do			1	N.J.
Soil with earth-moving equipment	do			1	Tex.
Soil with <i>Hedera</i> sp. (ivy)	England, Germany			2	N.Y.
Soil with <i>Hevea brasiliensis</i>	Mexico			1	Ariz.
Soil with <i>Juniperus</i> sp. and miscellaneous perennials	England			1	N.J.
Soil with <i>Kalanchoe</i> sp.	Germany			1	Mass.
Soil with <i>Mentha</i> sp. (mint)	Mexico			1	Ill.
Soil with plants	England, Ireland, Mexico.			4	Fla., Mass., Tex.
Soil with <i>Solanum tuberosum</i> (potato)	England, Germany	1	2		N.Y., S.C., Tex.
Soil with <i>Viola</i> sp. (violet)	Ireland			1	N.Y.
† <i>Heterodera punctata</i> Thorne(?):					
Soil with <i>Dioscorea</i> sp. (yam)	Japan			1	Calif.*
<i>Heterodera rostochiensis</i> Wr.:					
Soil	England, Mexico, Sweden.	3			Mich., Tex., Wash.
Soil with <i>Amaryllis</i> sp.	Mexico			1	Tex.
Soil with <i>Amaryllis</i> sp. and <i>Cereus</i> sp.	Sweden			1	N.Y.
Soil with automobiles	France, Germany	9			Ala., Fla., Tex.
Soil with <i>Beaucarnea</i> sp.(?)	Mexico			1	Tex.
Soil with <i>Begonia</i> sp.	do	1			Tex.
Soil with <i>Begonia</i> sp. and <i>Pelargonium</i> sp.	England			1	N.Y.
Soil with <i>Beta vulgaris</i> (beet)	do			1	Tex.
Soil with <i>Brassica napobrassica</i> (rutabaga)	Netherlands			1	Fla.
Soil with cactus plant	England, Mexico			1	Pa., Tex.
Soil with <i>Calluna vulgaris</i> (heather)	England, Scotland			6	Calif.,* N.Y.
Soil with <i>Coleus</i> sp.	England			1	Mass.
Soil with <i>Crinum</i> sp. and <i>Strelitzia</i> sp.	Mexico			1	Fla.
Soil with <i>Dahlia</i> sp.	Germany			1	N.Y.
Soil with <i>Dahlia</i> sp. and <i>Pelargonium</i> sp.	England			1	Mass.

See footnotes at end of this list.

Pests Collected and Reported From July 1, 1958, Through June 30, 1959—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Heterodera rostochiensis</i> Wr.—Con. Soil with <i>Daucus carota</i> (carrot).....	France, Norway, Sweden.	---	3	---	Fla., Tex.
Soil with <i>Dianthus caryophyllus</i>	Ireland.....	---	---	1	N.Y.
Soil with fern.....	Mexico.....	---	---	1	Tex.
Soil with fern, <i>Rosa</i> sp., and unidentified plants.	Azores.....	---	---	1	Mass.
Soil with <i>Ficus elastica</i> (Indiarubber fig).....	Mexico.....	---	---	1	Tex.
Soil with <i>Fragaria</i> sp. (strawberry).....	Germany.....	---	---	1	N.J.
Soil with <i>Gladiolus</i> sp.	England.....	---	---	1	N.J.
Soil with <i>Hedera helix</i> (English ivy).....	Germany.....	---	---	1	N.Y.
Soil with <i>Hydrangea</i> sp.	England.....	---	---	1	N.Y.
Soil with <i>Ipomoea batatas</i> (sweetpotato).....	Peru.....	---	1	---	Tex.
Soil with <i>Lycopodium</i> sp. (clubmoss).....	England.....	---	---	1	N.Y.
Soil with <i>Mentha piperita</i> (peppermint).....	Germany.....	---	---	1	Ill.
Soil with <i>Mentha</i> sp. (mint).....	England.....	---	---	1	Mass.
Soil with <i>Monanthochloa littoralis</i> (shoregrass).....	Mexico.....	---	---	1	Tex.
Soil with <i>Myrtus</i> sp. (myrtle).....	Germany.....	---	---	1	N.Y.
Soil with orchid plant.....	Mexico.....	---	---	1	Tex.
Soil with <i>Picea</i> sp. (spruce).....	Germany.....	---	---	1	Pa.
Soil with plants.....	England, Germany, Mexico.	---	1	9	Fla., N.Y., Tex.
Soil with <i>Sedum</i> sp.	Belgium.....	---	---	1	Ill.
Soil with <i>Solanum tuberosum</i> (potato).....	Argentina, Canary Islands, England, Mexico, Poland, Scotland, unknown.	1	14	---	Fla., La., Mass., N.J., S.C., Tex.
Soil with succulent plant.....	England.....	---	---	1	N.Y.
Soil with tanks.....	Germany.....	1	---	---	Pa.
Soil with <i>Tradescantia</i> sp. and <i>Viola</i> sp.	do.....	---	---	1	N.J.
Soil with <i>Tulipa</i> sp.	England.....	---	---	1	Mass.
Soil with <i>Viola</i> sp. (pansy).....	Ireland.....	---	---	1	N.Y.
<i>Heterodera rostochiensis</i> Wr. (?): Soil with <i>Solanum tuberosum</i> (potato).....	Ecuador.....	---	1	---	Calif.*
† <i>Heteropatella setulosa</i> Hino & Katumoto: <i>Bambusa</i> sp. (bamboo).....	China, Formosa.....	3	---	---	Calif.*
† <i>Hoplolaimus propioricus</i> J. B. Goodey: Soil with <i>Chamaedorea</i> sp. (palm).....	Nicaragua.....	---	---	1	Tex.
† <i>Hypozygion mediterraneum</i> (deN.) J. H. Miller: <i>Euphorbia</i> sp.	Hong Kong.....	---	---	1	Hawaii.
"Leptosia": <i>Citrus reticulata</i> (Mandarin orange).....	Mexico.....	1	---	---	Tex.
† <i>Leptosphaeria obtusispora</i> Speg.: <i>Yucca</i> sp.	do.....	---	---	1	Tex.
† <i>Leptosphaeria oryzina</i> Sacc.: <i>Oryza sativa</i> (rice).....	Hong Kong, India.....	1	1	---	Calif.*
† <i>Leptosphaeria prolearum</i> Syd.: <i>Protea</i> sp.	Union of South Africa.....	1	---	1	Tex., Va.
† <i>Leptothyrium gentianicola</i> (DC.) (Baeumler: <i>Gentiana acaulis</i> (stemless gentian).....	France.....	1	---	---	N.J.
† <i>Lophodermium arundinaceum</i> (Fr.) Chev.: <i>Phalaris</i> sp. (?).....	Germany.....	1	---	---	La.
† <i>Lophodermium maculare</i> (Fr.) deN.: <i>Quercus</i> sp. (oak).....	Mexico.....	---	1	---	Tex.
<i>Macrophoma araucariae</i> De Lac.: <i>Araucaria excelsa</i> (Norfolk-Island-pine).....	Australia, †Hawaii, †New Zealand, Norfolk Island.	---	---	7	Calif.*
† <i>Macrophoma cocos</i> Pass.: <i>Cocos nucifera</i> (coconut).....	British Samoa, Philippines.	16	---	---	Calif.*
† <i>Macrophoma frazzini</i> Del.: <i>Frazinus excelsior</i> 'Weeping' (European ash).....	England.....	---	---	1	N.J.
† <i>Macrophoma oleae</i> (DC.) Berl. & Vogl.: <i>Olea europaea</i> (olive).....	Mexico.....	1	---	---	Ariz.
† <i>Marmor rosae</i> Holmes: <i>Rosa</i> sp.	Guatemala.....	2	---	---	Fla.
† <i>Marmor scillearum</i> Smith & Brierley: <i>Ornithogalum thyrsoides</i> (Cape chinkerichee).....	Netherlands.....	1	---	---	N.J.

See footnotes at end of this list.

Pests Collected and Reported From July 1, 1958, Through June 30, 1959—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
† <i>Marssonina fragariae</i> (Sacc.) Kleb.: <i>Fragaria</i> sp. (strawberry).....	Japan.....			1	D.C.
† <i>Marssonina juglandis</i> (Lib.) Magn.: <i>Juglans</i> sp. (walnut).....	Germany.....	1			Tex.
† <i>Meliola citricola</i> Syd.: <i>Citrus sinensis</i> (orange).....	Hawaii(?).....		1		Calif.*
<i>Meloidogyne arenaria</i> (Neal) Chitwood:					
<i>Agapanthus africanus</i>	Argentina.....			1	Fla.
<i>Alocasia macrorhiza</i> (giant alocasia).....	Mexico.....			1	Tex.
<i>Begonia</i> sp.....	do.....			1	Tex.
<i>Beta vulgaris</i> (beet).....	Peru.....		1		Md.
<i>Bletilla hyacinthina</i> (orchid).....	Japan.....			1	N.Y.
<i>Caladium candidum</i>	Guatemala.....			2	N.J.
<i>Caladium</i> sp.....	Mexico.....			1	Tex.
<i>Calla</i> sp.....	Argentina.....			1	La.
<i>Clematis</i> sp.....	Netherlands.....			1	N.Y.
<i>Codiaeum</i> sp.....	†Hong Kong.....			1	Calif.*
<i>Eolocasia</i> sp.....	Guatemala.....			1	Tex.
<i>Dahlia pinnata</i> (Aztec dahlia).....	Japan.....			1	Wash.
<i>Gentiana septemfida</i>	†England.....			1	N.Y.
<i>Gladiolus</i> 'Morning Kiss'.....	Japan.....			1	Calif.*
<i>Gladiolus</i> sp.....	do.....			1	Calif.*
<i>Hosta</i> spp.....	do.....			1	N.J.
<i>Iris kaempferi</i> (Japanese iris).....	do.....			1	Calif.*
Soil with roots of palm.....	Mexico.....			1	Tex.
<i>Solanum tuberosum</i> (potato).....	Chile, Peru.....		2		La., Pa.
<i>Wisteria</i> sp.....	†Spain.....			1	N.Y.
<i>Zantedeschia aethiopica</i> (callalily).....	Argentina.....			1	Fla.
<i>Zingiber</i> sp. (ginger).....	Mexico.....			1	Tex.
<i>Meloidogyne arenaria</i> (Neal) Chitwood(?): <i>Gladiolus</i> sp.....	Japan.....			1	Wash.
<i>Meloidogyne arenaria</i> (Neal) Chitwood <i>thamesi</i> Chitwood:					
<i>Gladiolus</i> 'Edith Cole'.....	do.....			1	Calif.*
<i>Gladiolus</i> 'Elizabeth The Queen'.....	do.....			3	Calif.*
<i>Gladiolus</i> 'Firebrand'.....	do.....			2	Calif.*
<i>Gladiolus</i> 'Friendship'.....	do.....			1	Calif.*
<i>Gladiolus</i> 'Hopman's Glory'.....	do.....			1	Calif.*
<i>Gladiolus</i> 'Morning Kiss'.....	do.....			1	Calif.*
<i>Gladiolus</i> 'New Japan'.....	do.....			1	Calif.*
<i>Gladiolus</i> 'Red Charm'.....	do.....			1	Calif.*
<i>Gladiolus</i> 'Snow Princess'.....	do.....			2	Calif.*
<i>Gladiolus</i> 'Spic and Span'.....	do.....			4	Calif.*
<i>Gladiolus</i> 'Spotlight'.....	do.....			3	Calif.*
<i>Gladiolus</i> 'Valeria'.....	do.....			4	Calif.*
<i>Gladiolus</i> 'White Gold'.....	do.....			1	Calif.*
<i>Gladiolus</i> sp.....	do.....			6	Calif.*
<i>Meloidogyne arenaria</i> (Neal) Chitwood <i>thamesi</i> Chitwood(?): <i>Agapanthus</i> sp.....	†Mexico.....			1	Fla.
<i>Dahlia</i> 'Clara Cader' and 'Zonnegoud'.....	Japan.....			1	N.J.
<i>Meloidogyne hapla</i> Chitwood:					
<i>Aconitum napellus</i> (aconite monkshood).....	Netherlands.....			1	N.Y.
<i>Aconitum</i> sp.....	England.....			2	N.Y.
<i>Ajuga reptans</i> 'Harlequin' (multicolor carpet bugle).....	Netherlands.....			1	N.Y.
<i>Anaphalis triplinervis</i>	do.....			1	N.Y.
<i>Anemone japonica</i> 'Queen Charlotte' and 'Margarethe'.....	do.....			1	N.J.
<i>Clematis</i> sp.....	Canada, Germany, Netherlands.....			4	N.Y., Wash.
<i>Dahlia pinnata</i> (Aztec dahlia).....	Japan.....			1	Wash.
<i>Dahlia</i> sp.....	do.....			1	Calif.*
<i>Daucus carota</i> (carrot).....	do.....		1		Wash.
<i>Delphinium</i> sp.....	Netherlands.....			1	N.Y.
<i>Epimedium</i> sp.....	Japan.....			1	N.J.
<i>Gentiana asclepiadea</i> (milkweed gentian).....	England.....			1	N.Y.
<i>G. septemfida lagodechiana</i>	Netherlands.....			1	N.J.
<i>Geranium endressii</i>	do.....			1	N.Y.
<i>Helianthus</i> sp.....	†New Zealand.....			1	Calif.*

See footnotes at end of this list.

Pests Collected and Reported From July 1, 1958, Through June 30, 1959—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Meloidogyne hapla</i> Chitwood—Con.					
<i>Heuchera</i> 'Pruhoniciensis' and 'Red Spangles'---	England			1	N.J.
<i>Leontopodium</i> sp. (edelweiss)---	†Czechoslovakia			1	N.J.
<i>Paeonia</i> spp.	England			1	N.J.
<i>Pyrethrum</i> 'J. N. Twerdy,' 'Mont Blanc,' and 'Princess May.'	do			1	N.J.
<i>Rosa multiflora</i> var. <i>japonica</i> ---	Netherlands			1	N.J.
<i>Rosa</i> sp.	†Spain			2	N.Y.
<i>Scabiosa</i> sp.	England			1	N.Y.
<i>Solanum tuberosum</i> (potato)---	†Chile		1		Calif.*
<i>Stachys</i> sp. (betony)---	Netherlands			1	N.Y.
<i>Meloidogyne incognita</i> (Kofoid & White) Chitwood:					
<i>Alocasia</i> sp.	Mexico			1	Tex.
<i>Anthurium</i> sp.	†Barbados			1	N.J.
<i>Begonia</i> sp.	Dominican Republic			1	Fla.
<i>Beta vulgaris</i> (beet)---	Mexico	4			Tex.
<i>Dahlia</i> sp.	Japan			1	Calif.*
<i>Dioscorea</i> sp. (yam)---	†Honduras	1			N.Y.
<i>Dracaena</i> sp.	Mexico			1	Tex.
<i>Ezcoecaria crenulata</i>	Japan			1	D.C.
<i>Gladiolus</i> 'Firebrand'	do			2	Calif.*
<i>Gladiolus</i> 'Purple Supreme'	do			1	Calif.*
<i>Gladiolus</i> 'Snow Princess'	do			2	Calif.*
<i>Gladiolus</i> 'Spic and Span'	do			2	Calif.*
<i>Gladiolus</i> sp.	do			1	Calif.*
<i>Lilium</i> sp. (?)	Mexico			1	Calif.
<i>Maranta</i> sp. (arrowroot)	do			1	Tex.
<i>Raphanus sativus</i> (radish)	do	1			Tex.
Soil with root.	Trinidad			1	P.R.
<i>Solanum bulbocastanum</i>	Mexico			1	D.C.
<i>S. tuberosum</i> (potato)	Argentina		1		Tex.
<i>Zantedeschia aethiopica</i> (callallily)---	Germany			1	N.J.
<i>Meloidogyne incognita</i> (Kofoid & White) Chitwood <i>acrita</i> Chitwood.					
<i>Agapanthus africanus</i> ---	Japan			2	N.J.
<i>Alocasia</i> sp.	Mexico			1	Tex.
<i>Aralia</i> sp.	do			1	Tex.
<i>Astilbe</i> 'Koblenz' and 'Red Sentinel'	†Netherlands			1	N.J.
<i>Beloperone</i> sp.	†Hong Kong			1	Calif.*
<i>Beta vulgaris</i> (beet)---	†Ceylon, France, Italy, Mexico.	1	3		Mass., N.Y., Tex.
Cactus	†Netherlands			1	N.J.
<i>Cichorium intybus</i> (escarole)---	French West Africa		1		Mass.
<i>Dioscorea</i> sp. (yam)	Japan		1		Pa.
<i>Dracaena</i> sp.	Mexico			1	Tex.
<i>Epimedium pinnatum</i> ---	England			1	N.J.
<i>Episcia</i> sp.	†Hong Kong			1	Calif.*
<i>Gerbera</i> sp.	Trinidad			1	Fla.
<i>Gladiolus</i> 'Snow Princess'	Japan			1	Calif.*
<i>Gladiolus</i> 'Spic and Span'	do			1	Calif.*
<i>Heliconia</i> sp.	Cuba			1	Fla.
<i>Hosta</i> spp.	Japan			1	N.J.
<i>Lactuca sativa</i> (lettuce)---	French West Africa		1		Mass.
<i>Salix babylonica</i> (Babylon weeping willow)---	Brazil			1	D.C.
<i>Sansevieria trifasciata</i> var. <i>laurentii</i> (Congo snake sansevieria).	Mexico			1	Tex.
Soil with <i>Vitis</i> sp. (grape)---	do			1	Tex.
<i>Solanum tuberosum</i> (potato)	†Argentina, Brazil, Chile, Cuba, Egypt, Mexico, †Spain.	1	10		La., N.Y., Pa., Tex.
<i>Vinca</i> sp.	England			1	N.Y.
<i>Zingiber officinale</i> (ginger)---	Canal Zone			1	Fla.
<i>Meloidogyne javanica</i> (Treub.) Chitwood:					
<i>Agapanthus africanus</i> ---	†Argentina			1	Fla.
<i>Arum</i> sp.	Cuba		1		N.Y.
<i>Beta vulgaris</i> (beet)---	Australia, Union of South Africa.		3		La., Mass., Pa.
<i>Brassica rapa</i> (turnip)---	Mexico	1			Tex.
<i>Cichorium intybus</i> (chicory)---	French West Africa		1		Mass.

See footnotes at end of this list.

Pests Collected and Reported From July 1, 1958, Through June 30, 1959—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Meloidogyne javanica</i> (Treub.) Chitwood—Con.					
<i>Colocasia esculenta</i> (dasheen)	Cuba		2		La.
<i>Colocasia</i> sp.	do.	1			N.Y.
<i>Dahlia</i> 'Sister Kenny'	Australia			1	Calif.*
<i>Dahlia</i> sp.	Australia, Japan, Union of South Africa.			4	Calif.,* Wash.
<i>Daucus carota</i> (carrot)	Japan		1		Calif.*
<i>Dioscorea</i> sp. (yam)	Puerto Rico	1			P.R.
<i>Freesia</i> sp.	Italy			1	N.Y.
<i>Gerbera</i> sp.	India, †Trinidad, Union of South Africa.			3	Fla., N.Y.
<i>Gladiolus</i> 'Leewuenhorst'	Israel			1	N.Y.
<i>Hydrosme rivieri</i> (devilstongue)	India			1	Fla.
<i>Jasminum</i> sp.	†Algeria, Hong Kong			2	Calif.,* N.J.
<i>Phajus</i> sp.	Brazil			1	Fla.
<i>Polianthes tuberosa</i> (tuberose)	Italy			1	N.Y.
<i>Polianthes</i> sp.	India			1	Calif.*
<i>Scilla kraussii</i>	Union of South Africa			1	N.J.
<i>Solanum tuberosum</i> (potato)	Italy		1		N.Y.
<i>Xanthosoma sagittaeifolium</i> (yautia malanga)	Puerto Rico	1			P.R.
<i>Zingiber</i> sp. (ginger)	†New Guinea			1	Calif.*
Zingiberaceae	†Colombia			1	Tex.
† <i>Micropeltis bakeri</i> (Syd.) Cash & Watson:					
<i>Epidendrum strobilii</i> (orchid)	Ecuador			1	Calif.*
<i>Monilinia fructigena</i> (Aderh. & Ruhl.) Honey:					
<i>Malus sylvestris</i> (apple)	Italy	1			N.Y.
† <i>Mycosphaerella cattleyae</i> Cash & Watson:					
<i>Cattleya</i> sp. (orchid)	British Honduras			1	Fla.
† <i>Mycosphaerella fragariae</i> (Tul.) Lindau:					
<i>Fragaria</i> sp. (strawberry)	Belgium			1	Ill.
<i>Mycosphaerella hondai</i> I. Miyake:					
<i>Oryza sativa</i> (rice)	Japan		2		Calif.*
† <i>Mycosphaerella oryzae</i> (Catt.) I. Miyake:					
<i>Oryza sativa</i> (rice)	do.		3		Calif.*
<i>Mycosphaerella schoenoprasii</i> (Rab.) Schroet.:					
<i>Allium fistulosum</i> (Welsh onion)	do.		8		Pa.
<i>A. porrum</i> (leek)	do.		7		Calif.*
† <i>Nematospora coryli</i> Pegl.:					
<i>Phaseolus</i> sp.	Peru	1			D.C.
† <i>Neocosmospora vasinfecta</i> E. F. Sm.:					
<i>Arachis hypogaea</i> (peanut)	Paraguay			1	D.C.
<i>Neovossia horrida</i> (Tak.) Padw. & A. Khan:					
<i>Oryza sativa</i> (rice)	Japan		23		Calif.*
† <i>Nigrospora oryzae</i> (Berk. & Br.) Petch:					
<i>Oryza sativa</i> (rice)	do.		109		Calif.*
<i>Nigrospora sphaerica</i> (Sacc.) Mason:					
<i>Oryza sativa</i> (rice)	†Hong Kong	1			Calif.*
<i>Triticum aestivum</i> (wheat)	Japan		2		Calif.*
<i>Triticum</i> sp.	do.		5		Calif.*
† <i>Oligostroma proteae</i> Syd.:					
<i>Protea</i> sp.	Union of South Africa	1			N.Y.
<i>Oospora pustulans</i> Owen & Wakef.:					
<i>Solanum tuberosum</i> (potato)	Denmark, Sweden		1	1	N.Y., Ohio.
† <i>Papularia sphaerosperma</i> (Lk.) Hoehn.:					
Bambuseae	Okinawa			1	Hawaii.
† <i>Papulaspora parasitica</i> (Eidam) Harz:					
<i>Armoracia rusticana</i> (horseradish)	Denmark		1		Calif.*
† <i>Pestalotia bromellicola</i> Speg.:					
Bromeliad	Mexico			1	Tex.
† <i>Pestalotia cycadis</i> Allesch.:					
Cycad	Japan			1	Fla.
<i>Phlyctaena vagabunda</i> Desm.:					
<i>Malus sylvestris</i> (apple)	Italy		1		Pa.
<i>Phoma citricarpa</i> McAlp.:					
<i>Citrus aurantifolia</i> (lime)	Australia, Japan		2		Calif.* Hawaii.

See footnotes at end of this list.

Pests Collected and Reported From July 1, 1958, Through June 30, 1959—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Phoma citricarpa</i> McAlp.—Continued					
<i>C. limon</i> (lemon)-----	Australia, Mozambique, Union of South Africa, unknown.	---	27	---	Calif.,* Hawaii, Md., Mass., Pa.
<i>C. paradisi</i> (grapefruit)-----	Japan, Union of South Africa.	---	3	---	Calif.,* N.Y.
<i>C. reticulata</i> (Mandarin orange)-----	China, Formosa, Hong Kong, India(?), Japan, †Okinawa, Philippines.	33	7	---	Calif.,* Hawaii, N.Y.
<i>C. reticulata unshiu</i> (Satsuma orange)-----	China.	1	---	---	Wash.
<i>C. sinensis</i> (orange)-----	Africa (country(?)), †Argentina, Australia, Brazil, China, †Eniwetok, Federation of Malaya, Formosa, Hong Kong, Japan, Mozambique, Okinawa, Philippines, Singapore, Union of South Africa, unknown, †Vietnam(?).	41	81	---	Ala., Calif.,* Hawaii, Ill., La., Md., Mass., N.J., N.Y., Ohio, Pa., P.R., S.C., Tex.
<i>Citrus</i> sp.-----	Hong Kong, Japan, unknown.	34	1	---	D.C., Fla., Hawaii, Ill., Mass., Tex.
† <i>Phoma importata</i> (Nits.) Sacc.:					
<i>Lycium</i> sp.-----	Argentina	1	---	---	N.Y.
† <i>Phoma insidiosa</i> Tassi:					
<i>Sorghum vulgare</i> (sorghum)-----	Tanganyika	---	---	1	Ill.
<i>Phoma japonica</i> Sacc.:					
<i>Kerria japonica</i> -----	Netherlands	---	---	1	N.J.
† <i>Phoma oryzae</i> Cke. & Mass.:					
<i>Oryza sativa</i> (rice)-----	Japan	---	2	---	Calif.*
† <i>Phomopsis camelliae</i> F. Tassi:					
<i>Camellia japonica</i> (camellia)-----	do	---	---	1	Fla.
<i>Phomopsis cinerescens</i> (Sacc.) Trav.(?):					
<i>Ficus elastica</i> 'Decora'-----	Mexico	---	---	1	Tex.
† <i>Phomopsis euphorbiae</i> (Sacc.) Trav.:					
<i>Codiaeum</i> sp.-----	Hawaii	---	1	---	Calif.*
† <i>Phomopsis heveae</i> (Petch) Boed.:					
<i>Hevea</i> sp. (rubbertree)-----	Federation of Malaya	---	---	1	Fla.
<i>Phomopsis pustulata</i> Diedl.:					
<i>Acer cissifolium</i> -----	Netherlands	---	---	1	N.Y.
† <i>Phyllachora shiraiana</i> Syd.:					
Bamboo-----	Japan	1	---	---	Hawaii.
† <i>Phyllosticta andromedae</i> Westd.:					
<i>Pieris japonica</i> -----	Netherlands	---	---	1	N.Y.
† <i>Phyllosticta congesta</i> Hald & Wolf:					
<i>Prunus domestica</i> (plum)-----	Mexico	1	---	---	Tex.
† <i>Phyllosticta decidua</i> Ell. & Kell.(?):					
<i>Mentha</i> sp. (mint)-----	do	---	---	1	Ill.
† <i>Phyllosticta fragaricola</i> Desm. & Rob.:					
<i>Fragaria</i> sp. (strawberry)-----	Czechoslovakia	---	---	1	N.J.
† <i>Phyllosticta hederacea</i> (Arc.) Allesch.:					
<i>Hedera helix</i> 'Hibernica' (Irish ivy)-----	Netherlands	---	---	1	N.J.
† <i>Phyllosticta innumerabilis</i> Pk.:					
<i>Amelanchier</i> sp. (serviceberry)-----	Canada	---	---	1	N.J.
† <i>Phyllostictina psidicola</i> Petr.:					
<i>Psidium guajava</i> (guava)-----	Philippines	1	---	---	Hawaii.
<i>Phytophthora mexicana</i> Hotson & Hartge(?):					
<i>Lycopersicon esculentum</i> (tomato)-----	Mexico	1	---	---	Tex.
† <i>Pleospora herbarum</i> (Fr.) Rab.:					
<i>Allium</i> sp.-----	Turkey	---	---	1	N.Y.
<i>Citrus sinensis</i> (orange)-----	Lebanon	---	1	---	Pa.

See footnotes at end of this list.

Pests Collected and Reported From July 1, 1958, Through June 30, 1959—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Pratylenchus brachyurus</i> (Godfrey) Goodey: Soil with roots of miscellaneous plants. <i>Solanum tuberosum</i> (potato).....	†British Honduras..... Brazil.....	----- -----	----- 1	1 -----	Fla. N.Y.
† <i>Pratylenchus coffeae</i> (Zimmermann) Goodey: <i>Dahlia</i> sp.....	Union of South Africa.....	-----	-----	2	N.J.
† <i>Pratylenchus convallariae</i> Seinhorst: <i>Convallaria majalis</i> (lily-of-the-valley).....	Denmark, England.....	-----	-----	3	Calif.,* N.Y.
<i>Pratylenchus penetrans</i> (Cobb) Sher & Allen: <i>Chrysanthemum</i> sp.....	†England, †France.....	-----	-----	2	N.Y.
<i>Clematis</i> sp.....	Netherlands.....	-----	-----	2	N.Y.
<i>Dahlia</i> 'Berye Jean,' 'Bonythorn,' 'Empire Sport,' and 'Jan.'.....	†Australia.....	-----	-----	1	N.J.
<i>Dahlia</i> 'Mullers Dream'.....	†Union of South Africa.....	-----	-----	1	N.J.
<i>Dahlia</i> sp.....	do.....	-----	-----	1	N.Y.
<i>Delphinium</i> sp.....	Netherlands.....	-----	-----	1	N.Y.
<i>Mentha</i> sp. (mint).....	†Germany.....	-----	-----	1	N.Y.
<i>Phlox</i> sp.....	Netherlands.....	-----	-----	1	N.Y.
Soil with <i>Begonia</i> sp.....	Azores.....	-----	-----	1	Mass.
Soil with <i>Chrysanthemum</i> sp.....	Germany.....	-----	-----	1	Md.
<i>Pratylenchus pratensis</i> (de Man) Filip.: <i>Dahlia</i> sp.....	†Canada.....	-----	-----	1	Mass.
Plants—unidentified.....	Mexico.....	-----	-----	1	Tex.
Soil with <i>Gardenia augusta</i>	do.....	-----	-----	1	Tex.
<i>Pseudomonas marginalis</i> (N. A. Brown) F. L. Stevens: <i>Cichorium endivia</i> (endive).....	Belgium.....	1	-----	-----	N.Y.
† <i>Pseudopeziza medicaginis</i> (Lib.) Sacc.: <i>Medicago sativa</i> (alfalfa).....	Chile.....	1	-----	-----	Fla.
<i>Psilenchus hilarulus</i> de Man: Soil with <i>Asparagus plumosus</i> (fern asparagus).....	Mexico.....	-----	-----	1	Ariz.
Soil with cactus.....	do.....	-----	-----	1	Tex.
Soil with plants.....	do.....	-----	-----	2	Tex.
† <i>Puccinia antirrhini</i> Diet. & Holw.: <i>Antirrhinum majus</i> (snapdragon).....	Israel.....	1	-----	-----	N.Y.
† <i>Puccinia arachidis</i> Speg.: <i>Arachis hypogaea</i> (peanut).....	Paraguay.....	-----	-----	3	D.C.
<i>Puccinia arenariae</i> (Schum.) Wint.: <i>Dianthus barbatus</i> (Sweetwilliam).....	England, Netherlands.....	1	-----	1	Mass., N.Y.
† <i>Puccinia carthami</i> Cda.: <i>Carthamus tinctorius</i> (safflower).....	Portugal.....	-----	-----	1	D.C.
† <i>Puccinia cynodontis</i> Desm.: <i>Cynodon</i> 'Skaaplaas'.....	Union of South Africa.....	-----	-----	1	N.J.
<i>Puccinia horiana</i> P. Henn.: <i>Chrysanthemum morifolium</i>	Japan.....	2	-----	-----	Hawaii, Wash.
<i>Chrysanthemum</i> sp.....	†Australia, Japan.....	18	13	-----	Hawaii, Wash.
† <i>Puccinia iridis</i> Rab.: <i>Iris foetidissima</i> (Gladwin iris).....	Netherlands.....	-----	-----	1	N.J.
† <i>Puccinia laguri</i> Jaap: <i>Lagurus ovatus</i> (grass).....	Spain.....	1	-----	-----	Pa.
† <i>Puccinia psidii</i> Wint.: <i>Pimenta</i> sp., probably <i>P. officinalis</i>	Jamaica.....	1	-----	-----	Fla.
<i>Puccinia striiformis</i> West.: <i>Bromus</i> sp. (brome).....	Afghanistan.....	-----	-----	1	D.C.
<i>Triticum</i> sp.....	Japan.....	1	-----	-----	Hawaii.
† <i>Puccinia thaliae</i> Diet.: <i>Canna</i> sp.....	British Guinea.....	-----	-----	1	Fla.
<i>Puccinia urbaniana</i> P. Henn.: <i>Stachytarpheta jamaicensis</i>	Puerto Rico.....	1	-----	-----	Ill.
† <i>Puccinia violae</i> (Schum.) DC.: <i>Viola</i> 'Mrs. Chichester' and 'Mrs. Gordon'.....	Scotland.....	-----	-----	1	N.J.
† <i>Radopholus similis</i> (Cobb) Thorne: <i>Musa rosacea</i> (India banana).....	Hawaii.....	-----	-----	1	Calif.*
† <i>Radopholus similis</i> (Cobb) Thorne(?): Soil with miscellaneous plant roots.....	Panama.....	-----	-----	1	Fla.
† <i>Ramularia celastri</i> Ell. & G. Martin: <i>Celastrus</i> sp. (bittersweet).....	Canada.....	1	-----	-----	Mich.

See footnotes at end of this list.

Pests Collected and Reported From July 1, 1958, Through June 30, 1959—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
† <i>Ramularia primulae</i> Thuem.: <i>Primula</i> sp. (primrose).....	Germany.....			1	Mich.
† <i>Ramularia tulasnei</i> Sacc.: <i>Fragaria</i> sp. (strawberry).....	Italy.....			1	N.Y.
† <i>Ravenelia leucaenae</i> Long: <i>Leucaena glauca</i>	Mexico.....	1			Tex.
<i>Ravenelia papillifera</i> Syd.: <i>Cassia lindheimeriana</i>	do.....	1			Ariz.
† <i>Rhizoctonia microsclerotia</i> Matz(?): <i>Ornithogalum thyrsoides</i> (Cape chinkerichee).....	Netherlands.....			1	N.Y.
Ring spot virus: <i>Citrullus vulgaris</i> (watermelon).....	Mexico.....	1			Ariz.
<i>Rotylenchus robustus</i> (de Man) Filip.: <i>Apium graveolens</i> (celery).....	†France, Germany.....		2		Calif.,* Md.
Soil with <i>Mentha</i> sp. (mint).....	England.....			1	Mass.
Soil with <i>Thuja</i> sp. (arborvitae).....	†Azores.....			1	Mass.
† <i>Scirrhia rimosa</i> (Alb. & Schw.) Fekl.: <i>Phragmites</i> sp. (reed).....	Germany.....	1			Ala.
<i>Scutellonema brachyurum</i> (Steiner) Andrassy: <i>Sansevieria</i> sp.....	Mexico.....			1	Tex.
Soil with <i>Begonia</i> sp. and fern.....	do.....			1	Tex.
Soil with <i>Begonia</i> sp., <i>Dianthus caryophyllus</i> , and <i>Rosa</i> sp.....	Azores.....			1	Mass.
Soil with <i>Gardenia augusta</i>	Mexico.....			2	Tex.
Soil with <i>Gloxinia</i> sp.....	do.....			1	Tex.
Soil with <i>Lilium</i> sp.....	do.....			1	Tex.
Soil with plants.....	do.....			2	Tex.
<i>Scutellonema bradys</i> (Steiner & LeHew) Andrassy: <i>Dioscorea</i> sp. (yam).....	Cuba, Trinidad.....	2			Fla., N.Y.
Soil with <i>Dioscorea</i> sp.....	†Dominican Republic.....	1			N.Y.
† <i>Septobasidium lepidosaphis</i> Couch: With <i>Lepidosaphes beckii</i> on <i>Citrus reticulata</i> var. (King orange).....	Cuba.....		1		La.
† <i>Septocylindrium candidum</i> F. Arg.: <i>Rosa</i> sp.....	Europe (country(?)).....		1		N.Y.
† <i>Septoria aciculosa</i> Ell. & Ev.: <i>Fragaria</i> sp. (strawberry).....	Czechoslovakia.....			1	N.J.
† <i>Septoria aciculosa</i> Ell. & Ev.(?): <i>Fragaria</i> sp. (strawberry).....	Germany.....			1	N.Y.
<i>Septoria azaleae</i> Vogl.: <i>Rhododendron</i> 'Mother's Day' (azalea).....	Netherlands.....			1	N.J.
<i>R. vuykianum</i> (azalea).....	do.....			1	N.Y.
<i>Rhododendron</i> sp. (azalea).....	do.....			3	N.J., N.Y.
<i>Septoria carrubi</i> Pass.: <i>Laurus nobilis</i> (Grecian laurel).....	Mexico.....	1			Tex.
<i>Septoria citri</i> Pass.: <i>Citrus limon</i> (lemon).....	†Curacao, Italy, Spain.....		5		Calif.,* N.Y., S.C., Tex.
<i>C. reticulata</i> (Mandarin orange).....	Unknown.....		1		Calif.*
<i>C. sinensis</i> (orange).....	Cyprus, Mexico.....	2	1		Ariz., Calif.*
† <i>Septoria cucurbitacearum</i> Sacc.: <i>Sechium edule</i> (chayote).....	Mexico.....	1			Tex.
<i>Septoria depressa</i> McAlp.: <i>Citrus limon</i> (lemon).....	Australia.....		2		Hawaii, N.Y.
† <i>Septoria nodorum</i> Berk.: <i>Hordeum vulgare</i> (barley).....	Italy.....		1		Calif.*
<i>Septoria oryzae</i> Catt.: <i>Oryza sativa</i> (rice).....	Japan.....		12		Calif.*
† <i>Septoria pisi</i> West.: <i>Pisum sativum</i> (pea).....	Italy, Mozambique.....		2		N.Y., Pa.
† <i>Septoria santonensis</i> (Pass.) Bub.(?): <i>Salix</i> sp. (willow).....	Mexico.....	1			Ariz.
† <i>Septoria selenophomoides</i> Cash & Watson: Orchid.....	Ecuador.....			1	Calif.*
† <i>Septoria tosevi</i> Bub.: <i>Gentiana acaulis</i> (stemless gentian).....	France.....			1	N.J.

See footnotes at end of this list.

Pests Collected and Reported From July 1, 1958, Through June 30, 1959—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Sphaceloma fawcettii</i> Bitanc. & Jenkins var. <i>scabiosa</i> (McAlp. & Tryon) Jenkins:					
<i>Citrus aurantifolia</i> (lime).....	Australia.....		2		Hawaii.
<i>C. limon</i> (lemon).....	Australia.....		19		Hawaii.
<i>Sphaceloma punicea</i> Bitanc. & Jenkins:					
<i>Punica granatum</i> (pomegranate).....	Mexico.....	3			Tex.
† <i>Sphaerulina taxicola</i> (Pk.) Berl.:					
<i>Tazus cuspidata</i> (Japanese yew).....	Sweden.....			1	N.J.
<i>Sphenospora kevorkianii</i> Linder:					
<i>Epidendrum</i> sp. (orchid).....	†Bahamas, †Honduras.....			2	Fla.
<i>Ionopsis utricularioides</i>	Jamaica.....			1	Fla.
<i>Oncidium pulchellum</i> (orchid).....	Dominican Republic.....			1	Fla.
<i>Sphenospora mera</i> Cummins:					
<i>Oncidium</i> sp. (orchid).....	Ecuador.....			1	Calif.*
Orchid.....	do.....			1	Calif.*
<i>Stagonospora macrospora</i> (Dur. & Mont.) Sacc.:					
<i>Yucca</i> sp.....	Mexico.....	1			Ariz.
<i>Stomatogone agaves</i> (Ell. & Ev.) Th.:					
<i>Yucca</i> sp.....	Mexico.....	1			Ariz.
<i>Thecopsora areolata</i> (Fr.) Magn.:					
<i>Picea abies</i> (Norway spruce).....	Austria, †France.....			2	N.J.
<i>Tylenchorhynchus capitatus</i> M. W. Allen:					
Soil with <i>Allium cepa</i> (onion).....	Mexico.....			1	Tex.
Soil with <i>Crinum</i> sp. and <i>Strelitzia</i> sp.....	do.....			1	Fla.
Soil with <i>Portulaca</i> sp.....	do.....			1	Tex.
† <i>Tylenchorhynchus dubius</i> (Bütschli) Filip.:					
<i>Begonia</i> sp.....	Belgium.....			1	Mass.
Soil with <i>Daucus carota</i> (carrot).....	Netherlands.....			1	Md.
Soil with miscellaneous plants.....	Italy.....			2	Mass.
† <i>Tylenchorhynchus leptus</i> M. W. Allen:					
Soil with <i>Artemisia dracunculoides</i> (tarragon).....	France.....			1	Mass.
Soil with <i>Juniperus</i> sp. and <i>Sorbus</i> sp.....	Finland.....			1	Mass.
† <i>Tylenchorhynchus nothus</i> M. W. Allen:					
Soil with <i>Armoracia rusticana</i> (horseradish).....	Denmark.....			1	Md.
<i>Tylenchulus semipenetrans</i> Cobb:					
<i>Citrus sinensis</i> (orange).....	Italy.....			1	N.Y.
<i>Tylenchus davainetii</i> Bastian:					
Soil with <i>Rhododendron</i> sp. (azalea).....	Germany.....			1	Mass.
Soil with <i>Setum</i> sp.....	†France.....			1	Mass.
† <i>Tylenchus thornei</i> Andrássy:					
Soil with plant.....	Mexico.....			1	Tex.
<i>Uredo behnickiana</i> P. Henn.:					
<i>Epidendrum</i> sp. (orchid).....	do.....			1	Tex.
<i>Laelia anceps</i> (orchid).....	do.....			3	Tex.
<i>Laelia</i> sp.....	Jamaica.....			1	Fla.
<i>Oncidium flexuosum</i> (orchid).....	Brazil.....			1	Fla.
<i>O. varicosum</i>	do.....			1	Fla.
Orchid.....	Costa Rica.....			2	Calif.,* Fla.
<i>Phajus grandifolius</i> (orchid).....	†Cuba.....			1	Fla.
<i>Uredo epidendri</i> P. Henn.:					
<i>Diacrium bilamellatum</i> (orchid).....	Canal Zone.....			1	Fla.
<i>Diacrium</i> sp.....	Ecuador.....			1	Fla.
<i>Epidendrum myrianthum</i> (orchid).....	Costa Rica.....			1	Calif.*
<i>Epidendrum</i> sp.....	British Honduras, Ecuador.....			2	Calif.,* Fla.
<i>Oncidium pusillum</i> (orchid).....	Ecuador.....			1	Fla.
<i>Oncidium</i> sp.....	Honduras.....			1	Fla.
Orchid.....	Costa Rica, Ecuador, †Haiti.....			3	Calif.,* Fla.
<i>Uredo guacae</i> Mayor:					
<i>Cattleya</i> sp. (orchid).....	Ecuador.....			1	N.Y.
<i>Epidendrum</i> sp. (orchid).....	Bolivia, Mexico.....			2	Fla., Tex.
<i>Lochneria</i> sp. (orchid).....	Panama.....			1	Fla.
<i>Mazillaria</i> sp. (?) (orchid).....	Cuba.....			1	Fla.
<i>Odontoglossum pulchellum</i> (orchid).....	Panama.....			1	Fla.
Orchid.....	Canal Zone.....			1	Fla.
<i>Zygopetalum burtii</i> (orchid).....	Costa Rica.....			1	Fla.

See footnotes at end of this list.

Pests Collected and Reported From July 1, 1958, Through June 30, 1959—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
† <i>Uredo gynandrearum</i> Cda.: <i>Mormodes</i> sp. (orchid).....	Costa Rica.....			1	Fla.
† <i>Uredo ignava</i> Arth.: <i>Bambusa</i> sp. (bamboo).....	Formosa.....	2			Calif.*
<i>Uredo nigropuncta</i> P. Henn.: <i>Bletia</i> sp. (orchid).....	Bahamas.....			2	Fla.
<i>Epidendrum</i> sp. (orchid).....	do.....			1	Fla.
<i>Oncidium</i> sp. (orchid).....	Jamaica.....			1	Fla.
Orchid.....	Guatemala.....			1	Fla.
<i>Uredo oncidii</i> P. Henn.: <i>Epidendrum</i> sp. (?) (orchid).....	†Nicaragua.....			1	Fla.
<i>Oncidium cavendishianum</i> (orchid).....	Mexico.....			1	Tex.
<i>O. splendidum</i>	Honduras.....			1	Fla.
<i>O. stramineum</i>	Mexico.....			1	Fla.
<i>Oncidium</i> sp.....	Costa Rica, El Salvador, Guatemala, †Venezuela.....			6	Fla.
<i>Uredo oncidii</i> P. Henn. (?): <i>Oncidium pusillum</i> (orchid).....	Canal Zone.....			2	Fla.
<i>Uromyces alyxiae</i> Arth.: <i>Alyxia olivaeformis</i> (maile alyxia).....	Hawaii.....	2			Hawaii.
† <i>Uromyces commelinae</i> Cke.: <i>Zebrina pendula</i>	Jamaica.....			1	Fla.
<i>Uromyces fabae</i> (Grev.) Cke.: <i>Lens culinaris</i> (lentil).....	†Chile.....	6			Calif.,* Oreg., Wash. N.Y.
<i>Vicia faba</i> (broadbean).....	Italy.....		1		
† <i>Uromyces hedysari-paniculati</i> (Schw.) Farl.: <i>Desmodium scorpiurus</i>	Jamaica.....			1	D.C.
<i>Uromyces lespedezae-procumbentis</i> (Schw.) Curt.: <i>Lespedeza thunbergii</i>	Japan.....			1	Calif.*
† <i>Uromyces limonii</i> (DC.) Lév.: <i>Limonium</i> sp.....	Italy.....	1			N.Y.
<i>Uromyces striatus</i> Schroet.: <i>Medicago sativa</i> (alfalfa).....	Argentina(?), Mexico, Peru.....	3			Calif., Fla.
† <i>Uromyces trifolii</i> (DC.) Lév.: <i>Trifolium resupinatum</i> (Persian clover).....	Iraq.....			1	D.C.
<i>Ustilago coicis</i> Bref.: <i>Coix lacryma-jobi</i> (Jobs-tears).....	Philippines.....	1			Wash.
<i>Venturia rhododendri</i> Tengwall: <i>Rhododendron</i> hybrid.....	Netherlands.....			1	N.Y.
<i>Xanthomonas citri</i> (Hasse) Dowson: <i>Citrus aurantifolia</i> (lime).....	Ceylon, Hong Kong, India, Japan, Philippines.....	2	3		Hawaii, N.Y., Pa.
<i>C. aurantifolia</i> (sour lime).....	Ceylon, India.....		3		Mass., Pa.
<i>C. aurantium</i> (sour orange).....	Japan.....		17		Calif.,* Pa.
<i>C. limon</i> (lemon).....	China, Japan, unknown.....		11		Calif.,* Md. Mass., N.Y., Pa., Tex.
<i>C. paradisi</i> (grapefruit).....	Japan.....	1	3		Calif.,* Pa., Wash.
<i>C. reticulata</i> (Mandarin orange).....	China, Japan.....	1	1		Calif.*
<i>C. sinensis</i> (orange).....	China, Japan.....	3	35		Calif.,* Hawaii, Md., N.Y., Pa.
<i>Citrus</i> sp.....	Hong Kong, Japan.....	2	1		Ill., Md.
<i>Xanthomonas</i> sp. (Cancrosis B): <i>Citrus aurantifolia</i> (lime).....	†Uruguay.....		1		Fla.
<i>C. limon</i> (lemon).....	Argentina, Brazil.....		10		Calif.,* N.Y., Pa., Tex.

See footnotes at end of this list.

Pests Collected and Reported From July 1, 1958, Through June 30, 1959—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Xiphinema americanum</i> Cobb:					
Soil with <i>Beaucarnea</i> sp.-----	†Mexico-----	-----	-----	1	Tex.
Soil with <i>Ulmus</i> sp. (elm)-----	do-----	-----	-----	1	Tex.
Soil with tractor-----	do-----	1	-----	-----	Tex.
† <i>Zygophiala jamaicensis</i> Mason:					
<i>Malus sylvestris</i> (apple)-----	do-----	1	-----	-----	Tex.
‡ <i>Zythia fragariae</i> Laibach:					
<i>Fragaria</i> sp. (strawberry)-----	Czechoslovakia, Germany.	-----	-----	2	N.J., N.Y.

An asterisk (*) indicates State inspection.

A dagger (†) indicates a first interception from the country named.

A double dagger (‡) indicates a first interception by Division inspectors.

Hosts and Diseases

- ACER:
 Phomopsis pustulata (Deuteromycetes)
- ACONITUM:
 Meloidogyne hapla (Nematoda)
- AGAPANTHUS:
 Meloidogyne arenaria (Nematoda)
 †*M. arenaria thamesi*(?) (Nematoda)
 †*M. incognita acrita* (Nematoda)
 †*M. javanica* (Nematoda)
- AGAVE:
 Coniothyrium globulisporum (Deuteromycetes)
- AJUGA:
 Meloidogyne hapla (Nematoda)
- ALLIUM FISTULOSUM:
 Mycosphaerella schoenoprasii (Ascomycetes)
- ALLIUM PORRUM:
 †*Alternaria porri* (Deuteromycetes)
 Mycosphaerella schoenoprasii (Ascomycetes)
- ALLIUM SATIVUM:
 Ditylenchus dipsaci (Nematoda)
- ALLIUM SP.:
 †*Pleospora herbarum* (Ascomycetes)
- ALOCASIA:
 Meloidogyne arenaria (Nematoda)
 M. incognita (Nematoda)
 M. incognita acrita (Nematoda)
- ALYXIA:
 Uromyces alyziae (Promycetes)
- AMELANCHIER:
 †*Entomosporium maculatum* (Deuteromycetes)
 †*Phyllosticta innumerabilis* (Deuteromycetes)
- ANAPHALIS:
 Meloidogyne hapla (Nematoda)
- ANEMONE:
 Meloidogyne hapla (Nematoda)
- ANTIRRHINUM:
 †*Puccinia antirrhini* (Promycetes)
- ANTHURIUM:
 †*Meloidogyne incognita* (Nematoda)
- APIUM:
 †*Gotholdsteineria goodeyi* (Nematoda)
 †*Rotylenchus robustus* (Nematoda)
- ARACHIS:
 †*Necosmospora vasinfecta* (Ascomycetes)
 †*Puccinia arachidis* (Promycetes)
- ARALIA:
 †*Meloidogyne incognita acrita* (Nematoda)
- ARAUCARIA:
 †*Macrophoma araucariae* (Deuteromycetes)
- ARMORACIA:
 †*Papulaspora parasitica* (Deuteromycetes)
- ARRHENATHERUM:
 †*Cladosporium graminum* (Deuteromycetes)
- ARUM:
 †*Meloidogyne javanica* (Nematoda)
- ASTILBE:
 †*Meloidogyne incognita acrita* (Nematoda)
- AUCUBA:
 †*Coniothyrium aucubae* (Deuteromycetes)
- AXONOPUS:
 Criconeimoides mutabile (Nematoda)
- BAMBOO:
 †*Phyllachora shiraiana* (Ascomycetes)
- BAMBUSA:
 †*Heteropatella setulosa* (Deuteromycetes)
 †*Uredo ignava* (Promycetes)
- BAMBUSEAE:
 †*Papularia sphaerosperma* (Deuteromycetes)
- BARRINGTONIA:
 †*Diplodia barringtoniae* (Deuteromycetes)
- BEAUCARNEA:
 †*Gibbera compacta*(?) (Ascomycetes)
- BEGONIA:
 Meloidogyne arenaria (Nematoda)
 M. incognita (Nematoda)
 †*Tylenchorhynchus dubius* (Nematoda)
- BELOPERONE:
 †*Meloidogyne incognita acrita* (Nematoda)
- BETA:
 †*Helicotylenchus nannus* (Nematoda)
 Meloidogyne arenaria (Nematoda)
- M. incognita* (Nematoda)
 †*M. incognita acrita* (Nematoda)
 M. javanica (Nematoda)
- BLETIA:
 Uredo nigropuncta (Promycetes)
- BLETILLA:
 Aphelenchoides fragariae (Nematoda)
 Meloidogyne arenaria (Nematoda)
- BOERHAAVIA:
 †*Albugo platensis* (Phycomycetes)
- BRASSICA RAPA:
 Meloidogyne javanica (Nematoda)
- BROMELIAD:
 †*Pestalotia bromelicola* (Deuteromycetes)
- BROMUS:
 Puccinia striiformis (Promycetes)
- CACTUS:
 Helicotylenchus nannus (Nematoda)
 †*Meloidogyne incognita acrita* (Nematoda)
- CALADIUM:
 Meloidogyne arenaria (Nematoda)
- CALLA:
 Meloidogyne arenaria (Nematoda)
- CAMELLIA:
 †*Phomopsis camelliae* (Deuteromycetes)
- CANNA:
 †*Puccinia thaliae* (Promycetes)
- CARTHAMUS:
 †*Puccinia carthami* (Promycetes)
- CASSIA:
 Ravenelia papillifera (Promycetes)
- CATTLEYA:
 †*Mycosphaerella cattleyae* (Ascomycetes)
 Uredo guacae (Promycetes)
- CELASTRUS:
 †*Ramularia celastri* (Deuteromycetes)
- CHAMAEDOREA:
 Corynespora cassiicola (Deuteromycetes)
 †*Curvularia geniculata* group (Deuteromycetes)
- CHRYSANTHEMUM:
 †*Pratylenchus penetrans* (Nematoda)
 †*Puccinia horiana* (Promycetes)
- CICHORIUM:
 Meloidogyne incognita acrita (Nematoda)
 M. javanica (Nematoda)
 Pseudomonas marginalis (Schizomycetes)
- CITRULLUS:
 Ring spot virus
- CITRUS AURANTIFOLIA:
 Elsinoe australis (Ascomycetes)
 Phoma citricarpa (Deuteromycetes)
 Sphaceloma fawcettii var. *scabiosa* (Deuteromycetes)
 Xanthomonas citri (Schizomycetes)
 †*Xanthomonas* sp. (Cancrosis B) (Schizomycetes)
- CITRUS AURANTIUM:
 Xanthomonas citri (Schizomycetes)
- CITRUS LIMON:
 †*Coniothecium citri*(?) (Deuteromycetes)
 Elsinoe australis (Ascomycetes)
 Phoma citricarpa (Deuteromycetes)
 †*Septoria citri* (Deuteromycetes)
 S. depressa (Deuteromycetes)
 †*Sphaceloma fawcettii* var. *scabiosa* (Deuteromycetes)
 Xanthomonas citri (Schizomycetes)
 Xanthomonas sp. (Cancrosis B) (Schizomycetes)
- CITRUS PARADISI:
 †*Hendersonia citri* (Deuteromycetes)
 Phoma citricarpa (Deuteromycetes)
 Xanthomonas citri (Schizomycetes)
- CITRUS PARADISI X C. RETICULATA:
 †*Coniothecium scabrum* (Deuteromycetes)
- CITRUS RETICULATA:
 Elsinoe australis (Ascomycetes)
 "Leptosia"
 †*Phoma citricarpa* (Deuteromycetes)
 Septoria citri (Deuteromycetes)
 Xanthomonas citri (Schizomycetes)
- CITRUS RETICULATA UNSHIU:
 Phoma citricarpa (Deuteromycetes)

See footnotes at end of this list.

Hosts and Diseases—Continued

CITRUS SINENSIS:

- †*Coniothecium scabrum* (Deuteromycetes)
- Elsinoe australis* (Ascomycetes)
- Erwinia citrimaculans* (?) (Schizomycetes)
- "Greasy spot"
- †*Hendersonia socia* (Deuteromycetes)
- †*Meliola citricola* (Ascomycetes)
- †*Phoma citricarpa* (Deuteromycetes)
- †*Pleospora herbarum* (Ascomycetes)
- Septoria citri* (Deuteromycetes)
- Tylenchulus semipenetrans* (Nematoda)
- Xanthomonas citri* (Schizomycetes)

CITRUS SP.:

- "Greasy spot"
- Phoma citricarpa* (Deuteromycetes)
- Xanthomonas citri* (Schizomycetes)

CLEMATIS:

- Meloidogyne arenaria* (Nematoda)
- M. hapla* (Nematoda)
- Pratylenchus penetrans* (Nematoda)

COCOS:

- †*Cyospora palmicola* (Deuteromycetes)
- †*Diplodia coccoarpa* (Deuteromycetes)
- †*Eutypella cocos* (Ascomycetes)
- †*Macrophoma cocos* (Deuteromycetes)

CODIAEUM:

- †*Meloidogyne arenaria* (Nematoda)
- †*Phomopsis euphorbiae* (Deuteromycetes)

COFFEA:

- †*Cercospora coffeicola* (Deuteromycetes)

COIX:

- Ustilago coicis* (Promycetes)

COLOCASIA:

- Meloidogyne arenaria* (Nematoda)
- M. javanica* (Nematoda)

CONVALLARIA:

- †*Pratylenchus convallariae* (Nematoda)

CYCAD:

- †*Pestalotia cycadis* (Deuteromycetes)

CYNODON:

- †*Puccinia cynodontis* (Promycetes)

DAHLIA:

- Aphelenchoides fragariae* (Nematoda)
- †*Cercospora grandissima* (Deuteromycetes)
- †*Corynebacterium fascians* (Schizomycetes)
- †*Ditylenchus destructor* (Nematoda)
- Meloidogyne arenaria* (Nematoda)
- M. arenaria thamesi* (?) (Nematoda)
- M. hapla* (Nematoda)
- M. incognita* (Nematoda)
- M. javanica* (Nematoda)
- †*Pratylenchus coffeae* (Nematoda)
- †*P. penetrans* (Nematoda)
- †*P. pratensis* (Nematoda)

DAUCUS:

- Meloidogyne hapla* (Nematoda)
- M. javanica* (Nematoda)

DELPHINIUM:

- Meloidogyne hapla* (Nematoda)
- Pratylenchus penetrans* (Nematoda)

DESMODIUM:

- †*Uromyces hedysari-paniculati* (Promycetes)

DIACRIUM:

- Uredo epidendri* (Promycetes)

DIANTHUS:

- Alternaria dianthi* (Deuteromycetes)
- Puccinia arenariae* (Promycetes)

DIOSCOREA:

- †*Meloidogyne incognita* (Nematoda)
- M. incognita acrita* (Nematoda)
- M. javanica* (Nematoda)
- Scutellonema bradyi* (Nematoda)

DRACAENA:

- Meloidogyne incognita* (Nematoda)
- M. incognita acrita* (Nematoda)

EPIDENDRUM:

- †*Asterina raripoda* (?) (Ascomycetes)
- †*Micropeltis baleri* (Ascomycetes)
- †*Sphenospora kevorkianii* (Promycetes)
- Uredo behnickiana* (Promycetes)
- U. epidendri* (Promycetes)
- U. guacae* (Promycetes)
- U. nigropuncta* (Promycetes)

EPIDENDRUM(?):

- †*Uredo oncidii* (Promycetes)

EPIMEDIUM:

- Meloidogyne hapla* (Nematoda)
- M. incognita acrita* (Nematoda)

EPISCIA:

- †*Meloidogyne incognita acrita* (Nematoda)

ERIOBOTRYA:

- †*Fusicladium eriotryae* (Deuteromycetes)

EUPHORIA:

- †*Hypozyllion mediterraneum* (Ascomycetes)

EXCOECARIA:

- Meloidogyne incognita* (Nematoda)

FICUS:

- Phomopsis cinerescens* (?) (Deuteromycetes)

FRAGARIA:

- †*Dendrophoma obscurans* (Deuteromycetes)
- †*Discohainesia oenotherae* (Ascomycetes)
- †*Marssonina fragariae* (Deuteromycetes)
- †*Mycosphaerella fragariae* (Ascomycetes)
- †*Phyllosticta fragaricola* (Deuteromycetes)
- †*Ramularia tulasnei* (Deuteromycetes)
- †*Septoria aciculosa* (Deuteromycetes)
- †*Zythia fragariae* (Deuteromycetes)

FRAXINUS:

- †*Macrophoma fraxini* (Deuteromycetes)

FREESIA:

- Meloidogyne javanica* (Nematoda)

GENTIANA:

- †*Leptothyrium gentianicola* (Deuteromycetes)
- †*Meloidogyne arenaria* (Nematoda)
- M. hapla* (Nematoda)
- †*Septoria tosevi* (Deuteromycetes)

GERANIUM:

- Meloidogyne hapla* (Nematoda)

GERBERA:

- Meloidogyne incognita acrita* (Nematoda)
- †*M. javanica* (Nematoda)

GLADIOLUS:

- Curcularia lunata* (Deuteromycetes)
- Meloidogyne arenaria* (Nematoda)
- M. arenaria thamesi* (Nematoda)
- M. incognita* (Nematoda)
- M. incognita acrita* (Nematoda)
- M. javanica* (Nematoda)

HEDERA:

- †*Cryptocline paradoxa* (Deuteromycetes)
- †*Phyllosticta hederacea* (Deuteromycetes)

HELIANTHUS:

- †*Meloidogyne hapla* (Nematoda)

HELICONIA:

- Meloidogyne incognita acrita* (Nematoda)

HEUCHERA:

- Aphelenchoides fragariae* (Nematoda)
- Meloidogyne hapla* (Nematoda)

HEVEA:

- †*Phomopsis heveae* (Deuteromycetes)

HORDEUM:

- †*Septoria nodorum* (Deuteromycetes)

HOSTA:

- Meloidogyne arenaria* (Nematoda)
- M. incognita acrita* (Nematoda)

HYDROSME:

- Meloidogyne javanica* (Nematoda)

HYMENOCALLIS:

- †*Cercospora pancratii* (Deuteromycetes)

IONOPSIS:

- Sphenospora kevorkianii* (Promycetes)

IRIS:

- Ditylenchus destructor* (Nematoda)
- Meloidogyne arenaria* (Nematoda)
- †*Puccinia iridis* (Promycetes)

JASMINUM:

- †*Meloidogyne javanica* (Nematoda)

JUGLANS:

- †*Gnomonia leptostyla* (Ascomycetes)
- †*Marssonina juglandis* (Deuteromycetes)

JUNIPERUS:

- Gymnosporangium harasanum* (Promycetes)

KERRIA:

- Phoma japonica* (Deuteromycetes)

LABURNUM:

- †*Coniothryum cytisellum* (Deuteromycetes)

See footnotes at end of this list.

Hosts and Diseases—Continued

I. ACTUCA:

Meloidogyne incognita acrita (Nematoda)

LAELIA:

Uredo behnickiana (Promycetes)

LAGURUS:

†Puccinia laguri (Promycetes)

LAURUS:

Septoria carrubi (Deuteromycetes)

LENS:

†Ascochyta pisi (Deuteromycetes)*†Uromyces fabae* (Promycetes)

LEONTOPODIUM:

†Meloidogyne hapla (Nematoda)

LESPEDeza:

Uromyces lespedezae-procumbentis (Promycetes)

LEUCAENA:

†Ravenelia leucaenae (Promycetes)

LILIUM(?):

Meloidogyne incognita (Nematoda)

LIMONIUM:

†Uromyces limonii (Promycetes)

LOCKHARTIA:

Uredo guacae (Promycetes)

LYCIUM:

†Phoma importata (Deuteromycetes)

LYCOPERSICON:

Corynespora cassiicola (Deuteromycetes)*Phytophthora meizicana*(?) (Phycomycetes)

MAGNOLIA:

Diaporthe eres (Ascomycetes)

MALUS:

Monilinia fructigena (Ascomycetes)*Phyctaea vagabunda* (Deuteromycetes)*†Zygophiala jamaicensis* (Deuteromycetes)

MANGIFERA:

†Elsinoe mangiferae (Ascomycetes)

MANIHOT:

†Cercospora henningsii (Deuteromycetes)

MARANTA:

Meloidogyne incognita (Nematoda)

MAXILARIA(?):

Uredo guacae (Promycetes)

MEDICAGO:

†Pseudopeziza medicaginis (Ascomycetes)*Uromyces striatus* (Promycetes)

MENTHA:

†Phyllosticta decudua(?) (Deuteromycetes)*†Pratylenchus penetrans* (Nematoda)

MORMODES:

†Uredo gynandrearum (Promycetes)

MORUS:

Cercospora mori (Deuteromycetes)

MUSA:

†Cordana musae (Deuteromycetes)*†Radopholus similis* (Nematoda)

NARCISSUS:

Aphelenchoides subtenuis (Nematoda)*Ditylenchus dipsaci* (Nematoda)

ODONTOGLOSSUM:

†Cercospora angraeci (Deuteromycetes)*†C. odontoglossi* (Deuteromycetes)*Uredo guacae* (Promycetes)

OLEA:

†Diplodia oleae (Deuteromycetes)*†Macrophoma oleae* (Deuteromycetes)

ONCIDIUM:

Sphenospora kevorkianii (Promycetes)*S. mera* (Promycetes)*Uredo behnickiana* (Promycetes)*U. epidendri* (Promycetes)*U. nigropuncta* (Promycetes)*†U. oncidii* (Promycetes)

OPUNTIA:

Coniothyrium globuliformis (Deuteromycetes)

ORCHID:

†Septoria selenophomoides (Deuteromycetes)*Sphenospora mera* (Promycetes)*Uredo behnickiana* (Promycetes)*†U. epidendri* (Promycetes)*U. guacae* (Promycetes)*U. nigropuncta* (Promycetes)

ORNITHOGALUM:

†Marmor scillarum (Virus)*†Rhizoctonia microsclerotia*(?) (Deuteromycetes)

ORYZA:

Cercospora oryzae (Deuteromycetes)*†Dinemasporium oryzae* (Deuteromycetes)*†Diplodia oryzae* (Deuteromycetes)*†Entyloma oryzae* (Promycetes)*†Helminthosporium oryzae* (Deuteromycetes)*†Leptosphaeria oryzina* (Ascomycetes)*Mycoasphaerella hondai* (Ascomycetes)*†M. oryzae* (Ascomycetes)*Neovossia horrida* (Promycetes)*†Nigrospora oryzae* (Deuteromycetes)*†N. sphaerica* (Deuteromycetes)*†Phoma oryzae* (Deuteromycetes)*Septoria oryzae* (Deuteromycetes)

PAEONIA:

Aphelenchoides fragariae (Nematoda)*Meloidogyne hapla* (Nematoda)

PASPALUM(?):

†Ascochyta graminicola(?) (Deuteromycetes)

PHAJUS:

Meloidogyne javanica (Nematoda)*†Uredo behnickiana* (Promycetes)

PHALARIS(?):

†Lophodermium arundinaceum (Ascomycetes)

PHASEOLUS:

Ascochyta pisi (Deuteromycetes)*†Nematospira coryli* (Ascomycetes)

PHLOX:

†Corynebacterium fascians (Schizomycetes)*Pratylenchus penetrans* (Nematoda)

PHRAGMITES:

†Scirrhia rimosa (Ascomycetes)

PICEA:

†Thecopsora areolata (Promycetes)

PIERIS:

†Phyllosticta andromedae (Deuteromycetes)

PIMENTA:

†Puccinia psidii (Promycetes)

PISUM:

†Ascochyta pisi (Deuteromycetes)*Colletotrichum dematium* f. *truncata**Uromyces* (Promycetes)*†Septoria pisi* (Deuteromycetes)

PLUMERIA:

Coleosporium plumeriae (Promycetes)

POLIANTHES:

Meloidogyne javanica (Nematoda)

PRIMULA:

†Ramularia primulae (Deuteromycetes)

PROTEA:

†Leptosphaeria protearum (Ascomycetes)*†Oligostroma proteae* (Ascomycetes)

PRUNUS DOMESTICA:

†Phyllosticta congesta (Deuteromycetes)

PRUNUS PERSICA:

†Coryneum carpophilum (Deuteromycetes)

PSIDIUM:

Cercospora psidii (Deuteromycetes)*†Phyllosticta psidicola* (Deuteromycetes)

PUNICA:

Cercospora punicae (Deuteromycetes)*Sphaceloma punicae* (Deuteromycetes)

PYRETHRUM:

Meloidogyne hapla (Nematoda)

PYRUS:

†Corticium centrifugum (Basidiomycetes)

QUERCUS:

†Lophodermium maculare (Ascomycetes)

RAPHANUS:

Meloidogyne incognita (Nematoda)

RHODENDRON:

†Cercospora handelii (Deuteromycetes)*Chrysomyxa ledi* var. *rhododendri* (Promycetes)*Septoria azaleae* (Deuteromycetes)*Venturia rhododendri* (Ascomycetes)

ROSA:

†Marmor rosae (Virus)*†Meloidogyne hapla* (Nematoda)*†Septocylindrium candidum* (Deuteromycetes)

See footnotes at end of this list.

Hosts and Diseases—Continued

- RUDBECKIA:**
Fusarium oxysporum (Deuteromycetes)
- SACCHARUM:**
†*Cytospora sacchari* (Deuteromycetes)
- SALIX:**
†*Cytospora chrysosperma* (Deuteromycetes)
Meloidogyne incognita acrita (Nematoda)
‡*Septoria santonensis* (?) (Deuteromycetes)
- SANSEVIERIA:**
Meloidogyne incognita acrita (Nematoda)
Scutellonema brachyurum (Nematoda)
- SCABIOSA:**
Meloidogyne hapla (Nematoda)
- SCILLIA:**
Ditylenchus dipsaci (Nematoda)
Meloidogyne javanica (Nematoda)
- SECHIUM:**
‡*Septoria cucurbitacearum* (Deuteromycetes)
- SOIL:**
Criconeimoides mutabile (Nematoda)
†*Gotholdsteineria goodeyi* (Nematoda)
†*Helicotylenchus erythrinae* (Nematoda)
H. multincinctus (Nematoda)
†*H. nannus* (Nematoda)
†*Heterodera avenae* (Nematoda)
†*H. cacti* (Nematoda)
†*H. humuli* (?) (Nematoda)
†*H. punctata* (Nematoda)
H. rostochiensis (Nematoda)
†*Hoplolaimus propioricus* (Nematoda)
Meloidogyne arenaria (Nematoda)
M. incognita (Nematoda)
M. incognita acrita (Nematoda)
†*Pratylenchus brachyurus* (Nematoda)
†*P. penetrans* (Nematoda)
P. pratensis (Nematoda)
Psilenchus hilarulus (Nematoda)
†*Radopholus similis* (?) (Nematoda)
†*Rotylenchus robustus* (Nematoda)
Scutellonema brachyurum (Nematoda)
†*S. bradys* (Nematoda)
Tylenchorhynchus capitatus (Nematoda)
†*T. dubius* (Nematoda)
†*T. leptus* (Nematoda)
†*T. nothus* (Nematoda)
†*Tylenchus davaini* (Nematoda)
†*T. thornei* (Nematoda)
†*Xiphinema americanum* (Nematoda)
- SOLANUM:**
Meloidogyne arenaria (Nematoda)
†*M. hapla* (Nematoda)
M. incognita (Nematoda)
†*M. incognita acrita* (Nematoda)
M. javanica (Nematoda)
Oospora pustulans (Deuteromycetes)
†*Pratylenchus brachyurus* (Nematoda)
- SORGHUM:**
†*Colletotrichum graminicola* (Deuteromycetes)
†*Phoma insidiosa* (Deuteromycetes)
- STACHYS:**
Meloidogyne hapla (Nematoda)
- STACHYTARPHETA:**
Puccinia urbaniana (Promycetes)
- TAXUS:**
‡*Sphaerulina taxicola* (Ascomycetes)
- TRIFOLIUM:**
†*Uromyces trifolii* (Promycetes)
- TRITICUM:**
†*Anguina tritici* (Nematoda)
Nigrospora sphaerica (Deuteromycetes)
Puccinia striiformis (Promycetes)
- VICIA:**
Ascochyta pisi (?) (Deuteromycetes)
Uromyces fabae (Promycetes)
- VINCA:**
Meloidogyne incognita acrita (Nematoda)
- VIOLA:**
†*Puccinia violae* (Promycetes)
- VITIS:**
†*Angiospora ampelopsidis* (Promycetes)
Coniella diplodiella (Deuteromycetes)
- WISTERIA:**
†*Meloidogyne arenaria* (Nematoda)
- WITH LEPIDOSAPHES BECKII ON CITRUS**
RETICULATA VAR.:
‡*Septobasidium lepidosaphis* (Basidiomycetes)
- XANTHOSOMA:**
Meloidogyne javanica (Nematoda)
- YUCCA:**
†*Coniothyrium concentricum* (Deuteromycetes)
†*Leptosphaeria obtusispora* (Ascomycetes)
Stagonospora macrospora (Deuteromycetes)
Stomatogone agaves (Ascomycetes)
- ZANTEDESCHIA:**
Meloidogyne arenaria (Nematoda)
M. incognita (Nematoda)
- ZEBRINA:**
†*Uromyces commelinae* (Promycetes)
- ZINGIBER:**
Meloidogyne arenaria (Nematoda)
M. incognita acrita (Nematoda)
†*M. javanica* (Nematoda)
- ZINGIBERACEAE:**
†*Meloidogyne javanica* (Nematoda)
- ZYGOPETALUM:**
Uredo guacae (Promycetes)

Hosts Unknown

PLANT—UNIDENTIFIED:

- ‡*Criconeimoides informe* (Nematoda)
†*Pratylenchus pratensis* (Nematoda)

SOD:

- Helicotylenchus erythrinae* (Nematoda)

A dagger (†) indicates a first interception from the country of origin.

A double dagger (‡) indicates a first interception by Division inspectors.

Countries of Origin and Diseases

- AFGHANISTAN:
Puccinia striiformis
- AFRICA (country(?))
Erwinia citrimaculans(?)
Phoma citricarpa
- ALGERIA:
†*Meloidogyne javanica*
- AMERICAN VIRGIN ISLANDS:
†*Helicotylenchus nannus*
- ARGENTINA:
†*Cercospora grandissima*
†*Corticium centrifugum*
†*Cytospora sacchari*
†*Ditylenchus dipsaci*
†*Elsinoe australis*
†*Heterodera rostochiensis*
†*Meloidogyne arenaria*
†*M. incognita*
†*M. incognita acrita*
†*M. javanica*
†*Phoma citricarpa*
†*P. importata*
†*Xanthomonas* sp. (Cancrosis B)
- ARGENTINA(?):
†*Uromyces striatus*
- AUSTRALIA:
†*Coniothecium scabrum*
†*Hendersonia citri*
†*H. socia*
†*Macrophoma araucariae*
†*Meloidogyne javanica*
†*Phoma citricarpa*
†*Pratylenchus penetrans*
†*Puccinia horiana*
†*Septoria depressa*
†*Sphaceloma fawcettii* var. *scabiosa*
- AUSTRIA:
†*Chrysomyza ledi* var. *rhododendri*
†*Heterodera cacti*
†*Thecopsora areolata*
- AZORES:
†*Heterodera rostochiensis*
†*Pratylenchus penetrans*
†*Rotylenchus robustus*
†*Scutellonema brachyurum*
- BAHAMAS:
†*Sphenospora kevorkiantii*
†*Uredo nigropuncta*
- BARBADOS:
†*Meloidogyne incognita*
- BELGIUM:
†*Aphelenchoides fragariae*
†*Coniothyrium cytisellum*
†*Heterodera rostochiensis*
†*Mycosphaerella fragariae*
†*Pseudomonas marginalis*
†*Tylenchorhynchus dubius*
- BOLIVIA:
†*Uredo guacae*
- BRAZIL:
†*Elsinoe australis*
†*Heterodera cacti*
†*Meloidogyne incognita acrita*
†*M. javanica*
†*Phoma citricarpa*
†*Pratylenchus brachyurus*
†*Uredo behnickiana*
†*Xanthomonas* sp. (Cancrosis B)
- BRITISH GUIANA:
†*Puccinia thaliae*
- BRITISH HONDURAS:
†*Mycosphaerella cattleiae*
†*Pratylenchus brachyurus*
†*Uredo epidendri*
- BRITISH SAMOA:
†*Eutypella cocos*
†*Macrophoma cocos*
- CANADA:
†*Chrysomyza ledi* var. *rhododendri*
†*Entomosporium maculatum*
†*Helicotylenchus erythrinae*
†*Meloidogyne hapla*
†*Phyllosticta innumerabilis*
†*Pratylenchus praensis*
†*Ramularia celastri*
- CANAL ZONE:
†*Meloidogyne incognita acrita*
†*Uredo epidendri*
†*U. guacae*
†*U. oncidii*(?)
- CANARY ISLANDS:
†*Heterodera rostochiensis*
- CEYLON:
†*Colletotrichum graminicola*
†*Helicotylenchus nannus*
†*Meloidogyne incognita acrita*
†*Xanthomonas citri*
- CHILE:
†*Meloidogyne arenaria*
†*M. hapla*
†*M. incognita acrita*
†*Pseudopeziza medicaginis*
†*Uromyces fabae*
- CHINA:
†*Heteropateella setulosa*
†*Phoma citricarpa*
†*Xanthomonas citri*
- COLOMBIA:
†*Meloidogyne javanica*
- COSTA RICA:
†*Asterina raripoda*(?)
†*Cercospora angraei*
†*Uredo behnickiana*
†*U. epidendri*
†*U. guacae*
†*U. gynandrearum*
†*U. oncidii*
- CUBA:
†*Curvularia lunata*
†*Meloidogyne incognita acrita*
†*M. javanica*
†*Scutellonema bradys*
†*Septobasidium lepidosaphis*
†*Uredo behnickiana*
†*U. guacae*
- CURACAO:
†*Septoria citri*
- CYPRUS:
†*Septoria citri*
- CZECHOSLOVAKIA:
†*Dendrophoma obscurans*
†*Discotharcesia oenotherae*
†*Ditylenchus destructor*(?)
†*Heterodera avenae*
†*Meloidogyne hapla*
†*Phyllosticta fragaricola*
†*Septoria aciculosa*
†*Zythia fragariae*
- DENMARK:
†*Coniella diplodiella*
†*Heterodera avenae*
†*Oospora pustulans*
†*Papulaspora parasitica*
†*Pratylenchus convallariae*
†*Tylenchorhynchus nothus*
- DOMINICAN REPUBLIC:
†*Meloidogyne incognita*
†*Scutellonema bradys*
†*Sphenospora kevorkiantii*
- ECUADOR:
†*Heterodera rostochiensis*(?)
†*Micropeltis bakeri*
†*Septoria selenophomoides*
†*Sphenospora mera*
†*Uredo epidendri*
†*U. guacae*
- EGYPT:
†*Meloidogyne incognita acrita*
- EL SALVADOR:
†*Uredo oncidii*
- ENGLAND:
†*Aphelenchoides fragariae*
†*Ditylenchus destructor*
†*D. dipsaci*
†*Heterodera avenae*
†*H. cacti*
†*H. punctata*
†*H. rostochiensis*
†*Macrophoma frazzini*
†*Meloidogyne arenaria*

See footnotes at end of this list.

Countries of Origin and Diseases—Continued

ENGLAND—Continued

M. hapla
M. incognita acrita
 †*Pratylenchus convallariae*
 †*P. penetrans*
Puccinia arenariae
Rotylenchus robustus

ENIWETOK:

†*Phoma citricarpa*

EUROPE (country)(?)

†*Septocylindrium candidum*

FEDERATION OF MALAYA:

Phoma citricarpa
 †*Phomopsis heveae*

FINLAND:

†*Helicotylenchus erythrinae*
 †*Tylenchorhynchus leptus*

FORMOSA:

†*Heteropatella setulosa*
Phoma citricarpa
 †*Uredo ignava*

FRANCE:

Alternaria dianthi
 †*Cercospora odontoglossi*
 †*Dendrophoma obscurans*
Ditylenchus destructor(?)
Heterodera avenae
H. cacti
H. punctata
H. rostochiensis
 †*Leptothyrium gentianicola*
Meloidogyne incognita acrita
 †*Pratylenchus penetrans*
 †*Rotylenchus robustus*
 †*Septoria tosevi*
 †*Thecopsora areolata*
 †*Tylenchorhynchus leptus*
 †*Tylenchus davainei*

FRENCH WEST AFRICA:

Meloidogyne incognita acrita
M. javanica

GERMANY:

Chrysomya ledi var. *rhododendri*
 †*Dendrophoma obscurans*
Ditylenchus destructor
D. dipsaci
 †*Gnomonia leptostyla*
 †*Gottholdsteineria goodeyi*
Heterodera avenae
H. cacti
H. punctata
H. rostochiensis
 †*Lophodermium arundinaceum*
 †*Marssonina juglandis*
Meloidogyne hapla
M. incognita
 †*Pratylenchus penetrans*
 †*Ramularia primulae*
Rotylenchus robustus
 †*Scirrhia rimosa*
 †*Septoria aciculosa*(?)
Tylenchus davainei
 †*Zythia fragariae*

GREECE:

†*Fusicladium eriobotryae*

GUAM:

†*Diplodia coccocarpa*

GUATEMALA:

†*Marmor rosae*
Meloidogyne arenaria
Uredo nigropuncta
U. oncidii

HAITI:

†*Elsinoe mangiferae*
 †*Uredo epidendri*

HAWAII:

†*Macrophoma araucariae*
 †*Phomopsis euphorbiae*
 †*Radopholus similis*
Uromyces alyziae

HAWAII(?):

†*Meliola citricola*

HONDURAS:

†*Meloidogyne incognita*
 †*Sphenospora kewokianii*
Uredo epidendri
U. oncidii

HONG KONG:

†*Entyloma oryzae*
 †*Helminthosporium oryzae*
 †*Hypoxyton mediterraneum*
 †*Leptosphaeria oryzina*
 †*Meloidogyne arenaria*
 †*M. incognita acrita*
M. javanica
 †*Nigrospora sphaerica*
Phoma citricarpa
Xanthomonas citri

INDIA:

†*Coniothecium scabrum*
Entyloma oryzae
 †*Leptosphaeria oryzina*
Meloidogyne javanica
Xanthomonas citri

INDIA(?):

Phoma citricarpa

IRAQ:

†*Uromyces trifolii*

IRELAND:

†*Cytospora chrysosperma*
Gottholdsteineria goodeyi
Heterodera punctata
H. rostochiensis

ISRAEL:

Meloidogyne javanica
 †*Puccinia antirrhini*

ITALY:

†*Anguina tritici*
Aphelenchoides subtenuus
Ascochyta pist
 †*Coniothecium citri*(?)
Ditylenchus dipsaci
Helicotylenchus erythrinae
Heterodera punctata
Meloidogyne incognita acrita
M. javanica
Monilinia fructigena
Phlyctaena vagabunda
 †*Ramularia tulasnei*
Septoria citri
 †*S. nodorum*
 †*S. pisi*
 †*Tylenchorhynchus dubius*
Tylenchulus semipenetrans
Uromyces fabae
 †*U. limonii*

JAMAICA:

†*Puccinia psidii*
Sphenospora kewokianii
Uredo behnickiana
U. nigropuncta
 †*Uromyces commeliniae*
 †*U. hedydary-paniculati*

JAPAN:

Alternaria dianthi
 †*Angiospora ampelopsidis*
Aphelenchoides fragariae
Ascochyta pist
 †*Cercospora handelii*
Diaporthe eres
 †*Dinemasporium oryzae*
 †*Diplodia oryzae*
 †*Ditylenchus destructor*(?)
Entyloma oryzae
Gymnosporangium haraeaeum
Heterodera avenae
 †*H. punctata*(?)
 †*Marssonina fragariae*
Meloidogyne arenaria
M. arenaria thamesi
M. hapla
M. incognita
M. incognita acrita
M. javanica

See footnotes at end of this list.

Countries of Origin and Diseases—Continued

JAPAN—Continued

Mycosphaerella hondai
 †*M. oryzae*
M. schoenoprasii
Neovossia horrida
 †*Nigrospora oryzae*
N. sphaerica
 †*Pestalotia cycadis*
Phoma citricarpa
 †*P. oryzae*
 †*Phomopsis camelliae*
 †*Phyllachora shiraiana*
Puccinia horiana
P. striiformis
Septoria oryzae
Uromyces lespezadeae-procumbentis
Xanthomonas citri

LEBANON:

†*Diplodia oleae*
 †*Pleospora herbarum*

MEXICO:

†*Ascochyta graminicola*(?)
A. pisi
Cercospora oryzae
 †*C. pancratii*
C. psidii
Cercospora mori
Coleosporium plumeriae
Colletotrichum dematium f. *truncata*
Coniothyrium globulisporeum
 †*Cordana musae*
Corynespora cassicola
 †*Cricanemoides informis*
C. mutabile
 †*Curvularia geniculata* group
 †*Cytospora palmicola*
Ditylenchus dipsaci
Elsinoe mangiferae
Entyloma oryzae
 †*Gibbera compacta*(?)
 †"Greasy spot"
Helicotylenchus multicinctus
H. nannus
Heterodera cacti
H. punctata
H. rostochiensis
 "Leprosis"
 †*Leptosphaeria obtusispora*
 †*Lophodermium maculare*
 †*Macrophoma oleae*
Meloidogyne arenaria
 †*M. arenaria thamesi*(?)
M. incognita
M. incognita acrita
M. javanica
 †*Pestalotia bromeliicola*
Phomopsis cinerescens(?)
 †*Phyllosticta congesta*
 †*P. decidua*(?)
Phytophthora mexicana(?)
Pratylenchus pratensis
Psilenchus hilarulus
 †*Ravenelia leucaenae*
R. papillifera
 Ring spot virus
Scutellonema brachyurum
Septoria carrubi
S. citri
 †*S. cucurbitacearum*
 †*S. santonensis*(?)
Sphaceloma puniceae
Stagonospora macrospora
Stomatogone agaves
Tylenchorhynchus capitatus
 †*Tylenchus thornei*
Uredo behnickiana
U. guacae
U. oncidii
Uromyces striatus
 †*Xiphinema americanum*
 †*Zygophiala jamaicensis*

MOZAMBIQUE:

Phoma citricarpa
 †*Septoria pisi*
 NETHERLANDS:
 †*Alternaria porri*
Aphelenchoides fragariae
 †*Coniothyrium aucubae*
 †*C. concentricum*
 †*Corynebacterium fascians*
 †*Cryptocline paradoxa*
 †*Dendrophoma obscurans*
Ditylenchus dipsaci
Fusarium ozysporum
 †*Gottholdsteineria goodeyi*
Heterodera avenae
 †*H. cacti*
H. rostochiensis
 †*Marmor scillearum*
Meloidogyne arenaria
M. hapla
 †*M. incognita acrita*
Phoma japonica
Phomopsis pustulata
 †*Phyllosticta andromedae*
 †*P. hederacea*
Pratylenchus penetrans
Puccinia arenariae
 †*P. iridis*
 †*Rhizoctonia microsclerotia*(?)
Septoria azaleae
 †*Tylenchorhynchus dubius*
Venturia rhododendri

NEW GUINEA:

†*Meloidogyne javanica*

NEW ZEALAND:

†*Macrophoma araucariae*
 †*Meloidogyne hapla*

NICARAGUA:

†*Hoplostaimus proporicus*
 †*Uredo oncidii*

NORFOLK ISLAND:

Macrophoma araucariae

NORWAY:

†*Gottholdsteineria goodeyi*
Heterodera rostochiensis

OKINAWA:

†*Papularia sphaerosperma*
 †*Phoma citricarpa*

PANAMA:

†*Radopholus similis*(?)
Uredo guacae

PARAGUAY:

Elsinoe australis
 †*Neocosmospora vasinfecta*
 †*Puccinia arachidis*

PERU:

†*Coryneum carpophilum*
Heterodera rostochiensis
Meloidogyne arenaria
 †*Nematospore coryli*
Uromyces striatus

PHILIPPINES:

†*Albugo platensis*
 †*Diplodia barringtoniae*
 †*Macrophoma cocos*
Phoma citricarpa
 †*Phyllostictina psidicola*
Ustilago coicis
Xanthomonas citri

POLAND:

Heterodera rostochiensis

PORTUGAL:

†*Heterodera avenae*
 †*Puccinia carthami*

PUERTO RICO:

†*Cerospora coffeicola*
C. puniceae
Elsinoe mangiferae
Meloidogyne javanica
Puccinia urbaniana

Countries of Origin and Diseases—Continued

SCOTLAND:

- Helicotylenchus erythrinae*
- Heterodera punctata*
- H. rostochiensis*
- †*Puccinia violae*

SINGAPORE:

- Phoma citricarpa*

SPAIN:

- †*Ascochyta pisi*
- Ditylenchus dipsaci*
- †*Meloidogyne arenaria*
- †*M. hapla*
- †*M. incognita acrita*
- †*Puccinia laguri*
- Septoria citri*

SWEDEN:

- Heterodera rostochiensis*
- Oospora pustulans*
- †*Sphaerulina tazicola*

SWITZERLAND:

- Chrysomya ledi* var. *rhododendri*
- †*Corynebacterium fascians*

TANGANYIKA:

- Heterodera cacti*
- †*Phoma insidiosa*

TRINIDAD:

- †*Cercospora henningsii*
- Meloidogyne incognita*
- M. incognita acrita*
- †*M. javanica*
- Scutellonema bradys*

TURKEY:

- †*Pleospora herbarum*

UNION OF SOUTH AFRICA:

- †*Cercospora handelii*
- †*Ditylenchus destructor*
- †*Leptosphaeria protearum*
- Meloidogyne javanica*
- †*Oligostroma proteae*
- Phoma citricarpa*
- †*Pratylenchus coffeae*
- †*P. penetrans*
- †*Puccinia cynodontis*

UNION OF SOVIET SOCIALIST REPUBLICS:

- †*Ascochyta pisi*

UNKNOWN:

- Chrysomya ledi* var. *rhododendri*
- Elsinoe australis*
- Heterodera rostochiensis*
- Phoma citricarpa*
- Septoria citri*
- Xanthomonas citri*

URUGUAY:

- †*Xanthomonas* sp. (Cancrosis B)

VENEZUELA:

- †*Uredo oncidii*

VIETNAM(?):

- †*Phoma citricarpa*

YUGOSLAVIA:

- †*Cladosporium graminum*
- †*Heterodera humuli*(?)

A dagger (†) indicates a first interception from the country named.

A double dagger (‡) indicates a first interception by Division inspectors.

**UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
PLANT QUARANTINE DIVISION
WASHINGTON 25, D.C.**

LIST OF INTERCEPTED PLANT PESTS, 1960

(Pests Intercepted From July 1, 1959, Through June 30, 1960)

Compiled by
Bessie C. Mumford¹
Plant Quarantine Aid

INTRODUCTION

This 47th report of interceptions summarizes the records of plant pests found in, on, or with plants, plant products, baggage, and means of conveyance (1) imported into or entering the United States or its possessions, (2) offered for entry but refused, (3) held in quarters or stores of planes or ships, (4) offered for entry for immediate transportation and exportation in bond, (5) in domestic shipments to the mainland from the States of Alaska and Hawaii, and the offshore possessions, including the American Virgin Islands, Guam, and Puerto Rico, or (6) in preclearance inspection at Nassau in the Bahamas.

The pests listed include insects, snails, fungi, bacteria, nematodes, and viruses of known or potential plant quarantine significance to the United States. Some common organisms are included if they are new to the country of origin or the host plant, or are of such limited distribution in the United States that they are worthy of mention.

The data for this list include identifications received during the fiscal year 1960 and represent some interceptions made during previous years. Determinations are largely made by specialists of the Entomology Research Division and the Plant Quarantine Division, although a certain amount of this work is done by collaborating State officials. Snail identifications are made by taxonomists in the Division of Mollusks, U.S. National Museum. Some critical studies and identifications are made by specialists of the Crops Research Division, who also identify many of the host plants.

All scientific names of insects, diseases, and hosts are reviewed by specialists of the Department to assure conformance to the International Rules of Nomenclature. However, in the disease tabulation the name of the stage found is usually listed rather than the perfect stage of the organism. Family names are listed with the insects in the tabulation; orders are shown in the host list. Classes of the diseases are given in the disease host list.

Every effort is made to give the correct origin for all collections listed. Occasionally, however, it is difficult to trace the true origin

¹ Assistance was received from Alice J. Watson, mycologist, and Paul X. Peltier, entomologist.

of stores in planes and ships. Questionable cases are omitted, listed with a question mark, or shown as unknown.

NOTES ON PESTS INTERCEPTED

The total number of interceptions during the fiscal year 1960 was 30,230, as compared with 25,296 the previous year. This does not include common pests which are widespread in this country and are no longer recorded. Of the total number, 8,022 interceptions were considered of enough importance to be listed. This year we have omitted many injurious insects and diseases which are established in the United States and some fungi previously listed which are not parasitic.

AIRBORNE MATERIAL

The interceptions from airborne material totaled 10,719; last year there were 8,033. Insect and snail interceptions numbered 9,812; disease and nematode interceptions, 907. There were 364 interceptions of significant insects found as stowaways in airplanes. Among the important pests arriving by air were 19 interceptions of the European cherry fruit fly, 117 of the Mediterranean fruit fly, 20 of the Mediterranean land snail, 11 of the Mexican fruit fly, 37 of the olive fruit fly, 4 of the oriental fruit fly, 7 of the pink bollworm, 84 of the West Indian fruit fly, 38 of the black spot of citrus, 79 of citrus canker, and 46 of the sweet orange scab. Increasing air travel and the high survival rate of pests arriving by air require special attention to inspection of airborne material.

FRUIT FLIES

A total of 574 fruit fly interceptions were identified to species as follows:

Anastrepha ludens, the Mexican fruit fly (170 times), 166 from Mexico, 3 from Guatemala, and once from an unknown origin. The hosts were apple, grapefruit, mamey sapote, mango, peach, pear, pomegranate, quince, sour lime, sweet lime, sweet orange, and white sapote.

Anastrepha mombinpraeoptans, the West Indian fruit fly (120 times), in guava, mango, mombin, sapodilla, and tropical almond from the Bahamas, Costa Rica, Cuba, Curacao, Dominican Republic, Ecuador, El Salvador, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, and Puerto Rico.

Anastrepha serpentina (twice) in mamey sapote in air baggage from El Salvador and in sapodilla in air baggage from Nicaragua.

Anastrepha striata (once) in guava in air baggage from El Salvador.

Anastrepha suspensa (?) (twice) in guava in air baggage from Haiti and Puerto Rico.

Ceratitis capitata, the Mediterranean fruit fly (173 times), an adult on a salon window of a ship arriving at Tampa, Fla., in apple, apricot, Arabian coffee berries, baggage (with chestnuts), *Coffea* sp. berries, crabapple, fig, grape, grapefruit, guava, lemon, loquat, Mandarin orange, peach, pear, persimmon, *Phaleria papuana*, pitanga, plum, pomegranate, pricklypear, quince, sweet orange, and unidentified fruit. Countries of origin were: Algeria, Argentina, Azores, Brazil, Cyprus, Europe (country(?)), Greece, Hawaii, Hungary, Indonesia, Israel, Italy, Lebanon, Morocco, Portugal, Spain, Tunisia, Turkey, Union of South Africa, United Arab Republic, and an unknown origin. *C. capitata* (?) (14 times) in Arabian coffee berries, fig, grape, guava, passionflower fruit, peach, sweet orange, and tomato from Greece, Hawaii, Italy, Portugal, Union of South Africa, and an unknown origin.

Dacus cucurbitae, the melon fly (once), in tomato in stores from Hawaii.

Dacus dorsalis, the oriental fruit fly (10 times), in guava, mango, papaya, peach, and tropical almond from Guam and Hawaii. *D. dorsalis* (?) (5 times) in Arabian coffee berries, mango, and passionflower fruit from Hawaii.

Dacus cleae, the olive fly (52 times), in olive from Greece, Israel, Italy, Lebanon, and the United Arab Republic.

Euleia heraclei(?) (once) in celery in stores from England.

Rhagoletis cerasi, the European cherry fruit fly (20 times), in cherry from Czechoslovakia, Denmark, France, Hungary, Italy, and an unknown origin.

R. cerasi(?) (3 times) in cherry from Germany, Italy, and an unknown origin.

INSECTS OTHER THAN FRUIT FLIES

The following insects of unusual interest were intercepted:

Acrolepiä assectella (Hyponomeutidae) in leek in stores from Italy, Japan, and the Netherlands.

Adoretus sinicus (Scarabaeidae) (18 times) from Hawaii as stowaway in airplane, on *Alpinia purpurata* cut flowers, anthurium, with automobile, baggage, clothing, and mail wrapper, on mixed flowers, seeds, *Tillandsia* sp., and *Vanda* sp. orchids.

Adoxophyes orana (Tortricidae) on lilac cut flowers in aircargo from the Netherlands.

Agriotes obscurus (Elateridae) in soil with Amur chokecherry tree in aircargo from the Union of Soviet Socialist Republics.

Aleurocanthus spiniferus (Aleyrodidae) on sweet orange leaf in stores from Japan.

Aleurocanthus woglumi (Aleyrodidae), the citrus blackfly (17 times), from Mexico on *Citrus* sp. leaves in baggage, lime leaf in cargo, and sweet orange leaves in baggage.

Amphimallon majalis (Scarabaeidae) as stowaway on airplane from France and an unknown origin.

Blastodacna atra (Cosmopterygidae) in apple in air baggage from Turkey.

Blissus diplopterus (Lygaeidae) on peach in cargo from the Union of South Africa.

Brachycerus albidentatus (Curculionidae) in garlic in baggage from Italy.

Brachycerus algirus (Curculionidae) in garlic in baggage from Italy and cargo from Spain.

Brevipalpus chilensis (Tenuipalpidae) (41 times) on custard-apple in aircargo, on grapes in cargo, and on sweet orange in stores from Chile.

Bruchus affinis (Bruchidae) in perennial pea in mail from Denmark and France and on *Lathyrus* sp. seed in mail from the Netherlands.

Callosobruchus analis (Bruchidae) in chickpea in baggage from Hong Kong and in pea in stores from China.

Carposina niponensis (Carposinidae) in apple in stores from Japan and in plum in mail from Hong Kong.

Ceroplastes rubens (Coccidae) on maile alyxia in baggage from Hawaii.

Chilo suppressalis (Crambidae), the Asiatic rice borer (13 times), in rice straw in air baggage from Japan and Korea, aircargo, air stores, and baggage from Japan, cargo from Hong Kong, Japan, and an unknown origin, and in mail from Japan.

Chrysomphalus paulistus (Coccidae) on Grecian laurel in air baggage and philodendron in aircargo from Brazil.

Conotrachelus aguacatae (Curculionidae) (26 times) in avocado in air baggage and baggage from Mexico.

Coptotermes crassus (Rhinotermitidae) in pine stump in cargo from British Honduras.

Corythaica carinata (Tingidae) on *Lippia reptans* leaf in baggage from Cuba.

Cryptophlebia leucotreta (Olethreutidae) in bell pepper in stores from the Republic of the Congo and in sweet orange in stores from the Union of South Africa.

Curculio elephas (Curculionidae) (22 times) in European chestnut in air baggage and stores from France and in air baggage, baggage, and cargo from Italy; in chestnut in air baggage, baggage, cargo, and mail from Italy, air baggage and quarters from Portugal, and in air baggage from Spain; and in acorns of European turkey oak in cargo from Italy.

Curculio nucum (Curculionidae) in filbert in air baggage from Poland and mail from Italy; and in hazelnut in air baggage and baggage from Italy.

Cylas formicarius var. (Curculionidae) in *Ipomoea* sp. in aircargo from Thailand and in sweetpotato in air baggage from the Dominican Republic, aircargo from the Philippines, Singapore, and Thailand, air stores from the Federation of Malaya, cargo from Hong Kong and Japan, and stores from Thailand.

Dialeurodes kirkalyi (Aleyrodidae) on gardenia leaves in air baggage from Lebanon and on jasmine in air baggage from Hong Kong and in air baggage and mail from Hawaii.

Diaprepes abbreviatus var. (Curculionidae) in pigeonpea pod in cargo from Puerto Rico.

Dyspessa ulula (Cossidae) (12 times) in garlic in cargo from Italy and Spain.

Epichorista ionephela (Tortricidae) in Cape chinkerichee in aircargo and mail from the Union of South Africa.

Epinolia aporema (Olethreutidae) in cowpea pod in air baggage from Argentina, in string bean in baggage and stores from Mexico, and in tomato in cargo from Mexico.

Ernobius abietis (Anobiidae) in conifer cone, probably spruce, in cargo from Germany.

Euscepes postfasciatus (Curculionidae) (16 times) in mail parcel containing peanuts and cut flowers and with pineapple in air baggage from Hawaii; and in sweetpotato in air baggage from Barbados and Japan, in baggage and mail from Puerto Rico, and in stores from Brazil and Trinidad.

Frankliniella formosae (Thripidae) (44 times) on *Arctotis stoechadifolia*, carnation, chrysanthemum, *Citrus* sp. peel, *Dianthus* sp., unidentified flowers, gardenia, gladiolus, hyacinth, lily, and rose from the Fiji Islands, Hong Kong, Japan, and the West Pacific.

Gnorimoschema ocellatella (Gelechiidae) in beet in stores from France, Israel, and the United Arab Republic, and with stores from Israel.

Gymnandrosoma aurantianum (Olethreutidae) in sweet orange in air stores from Curacao.

Hellula undalis (Pyraustidae) in turnip in stores from the United Arab Republic.

Hemimene juliana (Olethreutidae) in chestnut in air baggage and baggage from Italy.

Heterobostrychus aequalis (Bostrichidae) in wooden crates in cargo from India and Vietnam.

Hypoborus ficus (Scolytidae) in fig cuttings in baggage from Israel and cargo from Yugoslavia.

Kaloterms flavicollis (Kalotermitidae) in quince in air baggage from Greece.

Lampides boeticus (Lycaenidae) (28 times) in mauna loa lei in air baggage and baggage from Hawaii, in leguminous flowers in baggage from Hawaii, in peas in stores from Japan, in sesbania flowers in mail from Hawaii, and in *Strongylo-*
lucidus in air baggage from Hawaii.

Laspeyresia fabivora (Olethreutidae) in string bean in stores from Ecuador.

Laspeyresia splendana (Olethreutidae) (66 times) in baggage with lily bulbs from Italy; in chestnuts in air baggage from France, Germany, Italy, Portugal, Spain, and Yugoslavia, in baggage from Italy and Portugal, in cargo from France, Israel, and Italy, in mail from Portugal, and in stores from the Canary Islands; and in acorn in cargo from France.

Laspeyresia strobilella (Olethreutidae) in spruce cones in baggage from England and Switzerland.

Lema melanopa (Chrysomelidae) in lily-of-the-valley pips in cargo from Denmark and on rose bush in cargo from England.

Leucinodes orbonalis (Pyraustidae) in eggplant in stores from Indonesia and in *Solanum* sp. in air baggage from Liberia.

Lobesia botrana (Olethreutidae) in grapes in air baggage from Italy and the United Arab Republic.

Mamestra brassicae (Noctuidae) (9 times) on cabbage in stores from Italy, on cauliflower in stores from Belgium, France, Germany, and Italy, on Chinese cabbage in stores from Japan, and on lettuce in stores from France.

Maruca testulalis (Pyraustidae) (27 times) loose in baggage, in bean, leguminous flower, lima bean, mauna loa lei, pigeonpea, string bean, sesbania flower, *Strongylo-*
lucidus, and *Strongylo-*
lucidus sp. from Hawaii, Hong Kong, and Puerto Rico.

Megastigmus limoni (Torymidae) in *Eremocitrus glauca* seed in aircargo from Australia.

Megastigmus strobilobius (Torymidae) in Norway spruce seed in cargo from Germany.

Pectinophora gossypiella (Gelechiidae), the pink bollworm (15 times), in cotton boll in air baggage and baggage from Hawaii; on cotton leaf in air baggage from Jamaica; in cottonseed in air baggage from Hawaii, aircargo, and airmail from the Dominican Republic, in baggage from Hawaii and Mexico, and in mail from Hawaii; in seed cotton in baggage and quarters from Mexico; and in okra in air baggage from the Dominican Republic and stores from Brazil.

Perkinsiella vitiensis (Delphacidae) as stowaway on airplane from the Fiji Islands.

Petrova resinella (Olethreutidae) in Scotch pine in aircargo from the Union of Soviet Socialist Republics.

Phalonia zephyrana (Phalonidae) in carrot in stores from Italy.

Pieris brassicae (Pieridae) on cabbage in stores from the Azores and France, on cauliflower in stores from the Azores and Italy, and with wooden crate in aircargo from Spain.

Polytus mellerborgii (Curculionidae) in banana stolon in aircargo from the Philippines.

Prays oleellus (Hyponomeutidae) in olives in air baggage and baggage from Italy.

Sesamia cretica (Noctuidae), the durra stem borer, in broomcorn stalk and corn stalk in cargo from Italy.

Sternonchetus mangiferae (Curculionidae) (93 times) in mango from Australia, French Equatorial Africa (the interception was made before the country was divided), Guam, Hawaii, India, and an unknown origin.

Taeniothrips gracilis (Thripidae) (27 times) in lycoris in cargo from Japan.

Thrips imaginis (Thripidae) on gladiolus in air baggage from Australia.

Trogoderma granarium (Dermestidae), the khapra beetle (131 times), is becoming increasingly important as a quarantine problem. It was found mostly in ships' stores, in quarters, or with cargo; but once with guar gum in mail. The hosts were barley, bean, cumin seed, mung bean, myrobalan nut, peanut, pepper, pigeonpea, poppyseed, rice, soybean, and miscellaneous dry stores (including chickpea, coffee, flour, macaroni, mixed grain, pea, spaghetti, sugar, tapioca, etc.), frequently from infestations in storerooms. It was found with automobiles, old bagging, bales of rubber, debris, goat skins, guar gum, gum arabic, Karaya gum, seedlac, steel and tuna fish cartons, usually associated with used burlap or other wrappings or infesting cargo holds of ships. Infested materials were from the following countries: Asia (country(?)), Burma, Ceylon, China, England, Europe (country(?)), Formosa, Germany, Hong Kong, India, Indonesia, Iran, Japan, Kuwait, Lebanon, Netherlands, Nigeria, Pakistan, Portugal, Singapore, Sudan, Union of South Africa, United Arab Republic, and an unknown origin.

SNAILS

Snails are causing increasing concern as more species are being recognized as potential pests and greater numbers are being found with plant material and on cargo.

Bradybaena similaris was intercepted 26 times on various cut flowers, foliage, and in soil with plants; 18 from Hawaii, 3 from Bermuda, 2 each from Brazil and Cuba, and 1 from Mexico.

Cochlicella barbara (29 times) on lemon in stores from Algeria; on military cargo from France, Italy, Morocco, and Spain; on mixed seeds in air baggage from Italy; and on new automobiles from France.

Cochlicella ventrosa (9 times) on geranium plants in air baggage from the Azores; lemon in stores from Algeria; lettuce in air stores from Portugal; military cargo from Bermuda, Italy, and Morocco; mint in air baggage from Bermuda; and Roman camomile in cargo from Italy.

Fourteen species of the genus *Helicella* were intercepted a total of 39 times on bell pepper, blackberry plants, cabbage, cut flowers, household goods, military cargo, new automobiles, parsley, and soil with various plants from the following countries: France, Greece, Ireland, Italy, Libya, Morocco, Portugal, Spain, and Turkey.

Monacha carthusiana with military cargo and rose petals in aircargo from France.

Opeas pumila with orchid plants in aircargo from British Honduras.

Opeas pyrgula with iris in air quarters from Japan and in soil with plants in baggage from Bermuda.

Porphyrobaphe iostoma (23 times) on bananas in cargo from Ecuador and Honduras.

Rumina decollata with orchids in cargo from Mexico.

Solaropsis monile (10 times) on bananas in cargo from Costa Rica and Ecuador.

Subulina octona (9 times) on orchids in aircargo from Jamaica and in baggage and cargo from Mexico; and in soil with assorted plants in air baggage from Brazil, Ecuador, Panama, and Venezuela.

Theba pisana, the Mediterranean land snail, was intercepted 75 times; 37 from Morocco on begonia cuttings in air baggage and on military cargo; 14 from France on cut flowers in aircargo and on automobile, motor canisters, and military cargo; 8 from Libya on military cargo; 7 from Italy as food in baggage, with other mollusks

in air baggage, on Roman camomile in cargo, and on military cargo; 7 from Spain with bell pepper in stores, on automobile in cargo, on military cargo, and on walls of hold of ship; 1 from Greece as food in baggage; and 1 from an unknown origin on dried herbs in air baggage.

Other snails of potential economic importance were: *Ceciloides acicula*, *Cepaea nemoralis*, *Helicina zephyrina*, *Helix aspersa*, *H. pomatia*, *Lamellaxis micra*, *Otala lactea*, and *O. vermiculata*.

DISEASES

Elsinoe australis, the sweet orange scab, was intercepted 98 times; 47 from Brazil on lemon, Mandarin orange, sour lime, and sweet orange in air baggage, air stores, quarters, and stores; 31 from Argentina on lemon, Mandarin orange, and sweet orange in air baggage, air stores, baggage, and stores; 19 from an unknown origin on Mandarin orange and sweet orange in air baggage, air quarters, and air stores; and 1 from Uruguay on sweet orange in stores.

Phoma citricarpa (perfect stage is *Guignardia citricarpa* Kiely), the black spot of citrus, was intercepted 108 times; 25 from Japan, 23 from the Union of South Africa, 14 from China, 13 from Australia, 11 from Hong Kong, 8 from Formosa, 5 from an unknown origin, 4 from Brazil, and 1 each from Africa (country(?)), the Federation of Malaya, Mozambique, New Zealand, and Thailand. The hosts were *Citrus* sp., grapefruit, ichandarin, lemon, Mandarin orange, pummelo, sour orange, and sweet orange.

Xanthomonas citri, citrus canker, was intercepted 140 times; 129 from Japan on *Citrus* sp., grapefruit, ichandarin, King orange, lemon, Mandarin orange, pummelo, sour lime, sour orange, and sweet orange; 4 from China on *Citrus* sp. peel and sweet orange peel; 3 from Hong Kong on *Citrus* sp. peel and sweet orange; and 1 each from India and Pakistan on sour lime, Saipan on *Citrus* sp., and an unknown origin on lemon.

Xanthomonas sp., Cancrosis B, was intercepted 7 times from Argentina on lemon in stores.

Other diseases of unusual interest were:

Dasturella divina (Syd.) Mundk. & Keshw. on dried leaves of *Sasa palmata* in cargo from Formosa.

Gymnosporangium yamadai Miy. on apple in air stores from Japan.

Heteropatella vattelinensis (Trav.) Wr. on *Dianthus* sp. in mail from Canada.

Neovossia horrida (Tak.) Padw. & A. Khan (58 times) on rice hulls in stores from Japan.

Peronospora schachtii Fekl. on Swiss chard in stores from Japan.

Phakopsora gossypii (Arth.) Hirat. f. (*Cerotelium desmum*) on cotton leaves in preflight inspection of baggage from the Bahamas.

Puccinia nakansihikii Diet. on lemongrass leaves in stores from Japan.

Puccinia oncidii Cummins on *Oncidium* spp. leaves in aircargo from Brazil and Ecuador.

Puccinia praegracilis Arth. var. *praegracilis* Savile (*Aecidium graebnerianum* P. Henn.) on *Habenaria* spp. in aircargo from Alaska.

Sphacloma spondiadis Bitanc. & Jenkins on vi-apple in air baggage from British Guiana.

Sphenospora kevorkianii Linder on *Huntleya burtii* leaf in air baggage from Panama.

Uredo nidularii P. Henn. on tillandsia in cargo from Mexico.

Uredo oncidii P. Henn. on *Oncidium* spp. leaves in aircargo from British Honduras, Guatemala, Panama, and Peru and on orchid leaf in air baggage from Haiti.

Uromyces fabae (Grev.) Cke. on lentil stems in air baggage and cargo from Chile and in stores from Germany, and on vetch plants in air baggage from Portugal.

NEMATODES

Anguina tritici in wild einkorn seeds from straw jackets in cargo from Italy(?). *Aphelenchoides blastophthorus* in lily-of-the-valley plants in baggage from England.

Aphelenchoides fragariae(?) in hyacinth bletila stems in cargo from Japan. *Ditylenchus destructor* in dahlia roots in mail from Switzerland and the Union of South Africa, and in tigerflower bulbs in mail from Germany.

Ditylenchus dipsaci in onion in mail from the Netherlands, in garlic in cargo from Mexico, and in narcissus in airmail and mail from England.

Gottholdsteineria goodeyi in soil with unidentified plants in air baggage from Canada.

Helicotylenchus nannus in soil with begonia plants in air baggage from Portugal and baggage from Mexico, soil with cactus and crocus plants in baggage from Mexico, soil with fern and mint roots in air baggage from Mexico, and soil with geranium and rose plants in baggage from Mexico.

Heterodera avenae, the oat nematode (4 times), in soil with new Jaguars in cargo from England, in soil with cabbage in air baggage from Ireland, and in soil with potatoes in stores from England.

Heterodera cacti (25 times) in soil samples, soil with the following plants: Begonia, cactus, citrus, coleus, Crassulaceae, spearmint, and various potted plants, and soil with railway cars. The countries of origin were: Brazil, Germany, Mexico, New Zealand, and Switzerland.

Heterodera punctata (11 times) in soil with automobiles in cargo from England, soil with heather in mail from Scotland, soil with Indiarubber fig in baggage from Mexico, soil with malvaceous plant in air baggage from Czechoslovakia, soil with philodendron plants in baggage from Canada, soil with plants in baggage from Mexico, and soil with rose roots in baggage from Northern Ireland.

Heterodera rostochiensis, the golden nematode (19 times), from soil in a small vial in air baggage, soil with calla lily and unidentified plants in baggage, soil with new and used automobiles and spruce in cargo, and soil with beet, celery, horseradish, leek, potato, and ullucus tuber in stores. The countries of origin were: Argentina, England, Germany, Mexico, Peru, and Spain.

Meloidogyne arenaria, *M. hapla*, *M. incognita*, *M. incognita acrita*, and *M. javanica*, rootknot nematodes, were intercepted from Australia, Brazil, Cuba, Dominican Republic, England, Germany, Guatemala, Haiti, Japan, Kenya, Mexico, Netherlands, and Northern Ireland. The hosts were begonia and euphorbia in baggage; astilbe, beautyberry roots, caladium, calla lily, clematis, common edelweiss, coriander, dahlia, echeveria, gladiolus corms, hepatica, tomato roots, and tuberosc bulbs in aircargo and cargo; acanthus roots, *Adenia globosa* plant, clockvine, dahlia, rose roots, and winged euonymus in airmail and mail; and dasheen and potato in stores.

Pratylenchus penetrans in dahlia in mail from Australia, Canada, and the Union of South Africa.

Pratylenchus pratensis in Japanese iris roots in mail from Czechoslovakia.

Psilenchus hilarulus in soil with fern and with dead plant in baggage from Mexico.

Scutellonema brachyurum in soil with cactus and unidentified plants in baggage from Mexico.

Tylenchorhynchus capitatus in soil with unidentified plants in air baggage from Jamaica and baggage from Mexico.

Xiphinema americanum in soil with gardenia plant in baggage from Mexico.

INCOMPLETELY DETERMINED PESTS

Specific determinations are sometimes not possible, due to the stage or condition of the insects or pathogens when intercepted or the fact that they are undescribed. Many of these pests may be of economic importance, unreported from the United States or the country of origin, or unknown on the host plant. As a matter of record the significant ones are included in this separate list, but not in the table. This year there were 2,897 insects, 600 diseases, and 229 nematodes, or a total of 3,276 incompletely determined interceptions considered to be important.

FRUIT FLIES

There were 183 incompletely determined fruit fly interceptions as follows:

Anastrepha sp., possibly *dissimilis* Stone, at Philadelphia, Pa., in giant grana-dilla in stores from the Dominican Republic.

Anastrepha sp., possibly *fraterculus* (Wied.), at New York, N.Y., in mango in baggage from Brazil; and at Philadelphia, Pa., in sweet orange in stores from Brazil.

Anastrepha sp., possibly *ludens*, at Brownsville, Tex., in sweet orange in air stores from Mexico; at Eagle Pass, Tex., in apple, cherimoya, and pear in baggage from Mexico; at El Paso, Tex., in pear, sweet orange, and white sapote in baggage from Mexico; at Laredo, Tex., in sweet orange in baggage from Mexico;

at Nogales, Ariz., in sweet orange in air baggage from Mexico; and at San Ysidro, Calif., in sweet orange in baggage from Mexico.

Anastrepha sp., probably *mombinpraeoptans*, at Miami, Fla., in mango in air baggage from El Salvador, Nicaragua, and Panama, in purple mombin in air baggage from Costa Rica and Honduras, and in *Spondias* sp. in air quarters from Colombia; at New Orleans, La., in mamey sapote in air baggage from Nicaragua, in mango in air baggage from El Salvador and Guatemala, in purple mombin and *Spondias* sp. in air baggage from Guatemala, and in tropical almond in air baggage from Jamaica; at New York, N.Y., in mango and sweet orange in air stores from an unknown origin; at Philadelphia, Pa., in mango in baggage from Puerto Rico; at San Pedro, Calif., in guava in air baggage from Venezuela; and at San Ysidro, Calif., in guava in baggage from Mexico.

Anastrepha sp., possibly *serpentina*, at El Paso, Tex., in mamey sapote in baggage from Mexico; at Miami, Fla., in quince in air baggage from Peru; and at Laredo, Tex., in mamey sapote in baggage from Mexico.

Anastrepha sp., prob. *striata*, at El Paso, Tex., in guava in baggage from Mexico; at Houston, Tex., in guava in baggage from Costa Rica and Honduras; at Laredo, Tex., in guava in baggage from Mexico; at Miami, Fla., in guava in air baggage from Mexico; at New Orleans, La., in guava in air baggage from Costa Rica; at Nogales, Ariz., in *Psidium* sp. in woman's purse from Mexico; and at San Pedro, Calif., in guava in air baggage from El Salvador, Mexico, and Nicaragua.

Anastrepha sp., probably *suspensa*, at Chicago, Ill., in guava in airmail from Puerto Rico; at Key West, Fla., in guava in air baggage from Cuba; at Miami, Fla., in guava in air baggage from Cuba and tropical almond in air baggage from Jamaica; at New York, N.Y., in guava in air baggage from Cuba and tropical almond in air baggage from Jamaica; and at San Juan, P.R., in guava in pre-flight inspection of baggage.

Anastrepha sp. was intercepted a total of 84 times at the following ports: Baltimore, Md., Brownsville, Tex., Chicago, Ill., Eagle Pass, El Paso, Galveston, Hidalgo, and Houston, Tex., Jacksonville, Fla., Laredo, Tex., Miami, Fla., New Orleans, La., New York, N.Y., Nogales, Ariz., Port Arthur, Tex., Port Everglades, Fla., St. Thomas and St. John, U.S.V.I., San Juan, P.R., San Pedro, Calif., and Tampa, Fla. The hosts were: Apple, Barbadoscherry, cherimoya, coffee berry, grapefruit, guava, mamey, mamey sapote, Mandarin orange, mango, *Matisia cordata* ("chupa-chupa"—a new host for *Anastrepha*), *Myrtus ehrenbergii*, peach, peach-palm nut, pear, purple mombin, quince, sapodilla, *Spondias* sp., star-apple, sweet orange, and yellow mombin. The countries of origin were: Argentina, Brazil, Colombia, Costa Rica, Cuba, Ecuador, El Salvador, Guatemala, Jamaica, Mexico, Nicaragua, Panama, Peru, Puerto Rico, Tortola, Venezuela, West Indies, and an unknown origin. *Anastrepha* sp.(?) at Brownsville, Tex., in mango in baggage from Mexico; and at New Orleans, La., in mango in air baggage from Guatemala.

Ceratitis sp., probably *capitata*, at Boston, Mass., in peach in air stores from an unknown origin.

Dacus sp., probably *cucurbitae*, at Seattle, Wash., in zucchini squash in stores from Hawaii.

Dacus sp., probably *dorsalis*, at Honolulu, Hawaii, in Indiapoon beautyleaf nut in mail from Hawaii.

Dacus sp., possibly *vertebratus* Bezzi, at New York, N.Y., in cucumber in stores from the Union of South Africa.

Dacus sp., at Boston, Mass., in cucumber in stores from the Republic of Mali; at Honolulu, Hawaii, in candlenut tree fruit, cattley guava, and coffee berries in preflight inspection of baggage, in mango in air stores from the Fiji Islands and the Philippines, in pepper in air baggage from Japan, and in solanaceous fruit in air baggage from the Philippines; and at Seattle, Wash., in guava in air baggage from the Philippines. *Dacus* sp.(?) at Honolulu, Hawaii, in *Phaseolus* sp. and tropical almond in mail from Hawaii and in fruit of Sapotaceae in air baggage from the Philippines; and at Savannah, Ga., in sweet orange in stores from Mozambique.

Rhagoletis sp., probably *cerasi*, at New York, N.Y., in cherry in air stores from Spain.

Rhagoletis sp., at Eagle Pass, Tex., in apple in baggage from Mexico; at El Paso, Tex., in *Crataegus* sp. in baggage from Mexico; at Laredo, Tex., in apple in baggage from Mexico; and at New York, N.Y., in cherry in air baggage from Ireland.

Tephritidae, genus near *Euaresta*, species unidentified, at Washington, D.C., in *Helichrysum* sp. and *Helipterum incanum* seeds in aircargo from Australia.

Tephritidae, probably genus and species of Tephritinae, at New York, N.Y., in strawflower in air baggage from Bermuda.

Tephritidae, identified to family only (7 times), at Brownsville, Tex., in guava in aircargo from Colombia; at Honolulu, Hawaii, in pepper in air stores from the West Pacific and in stores from the Fiji Islands, and in watermelon in air stores from the Philippines; at Laredo, Tex., in sweet orange in baggage from Mexico; at Miami, Fla., in coffee berry in air baggage from Brazil; and at New York, N.Y., in jujube in air baggage from Lebanon.

Tephritis sp., near *multiguttata* Beck., at New York, N.Y., in dried herbs in air baggage from England.

INSECTS OTHER THAN FRUIT FLIES

Aeolothrips sp., near *ericae* Bagn. (Aeolothripidae), not presently represented in the National Museum collection, at New York, N.Y., on calla lily in aircargo from Israel.

Alcidodes sp. (Curculionidae) at New York, N.Y., in sweetpotato in stores from Liberia.

Aleuroplatus n. sp. (Aleyrodidae) at Key West, Fla., on rose leaf in baggage from Cuba; at Progreso, Tex., on citrus leaf in baggage from Mexico; and at San Pedro, Calif., on rose leaf in air baggage from El Salvador.

Aleurotrachelus sp., probably undescribed (Aleyrodidae), at Miami, Fla., on leaf of an aquatic plant in aircargo from Peru. We have no previous records of aleyrodids on aquatic plants.

Aleyrodidae, genus uncertain, perhaps *Aleurotuberculatus* n. sp., at New York, N.Y., on *Baccaurea* sp. leaf in aircargo from Thailand.

Apion sp., probably *carduorum* (Curculionidae), at New York, N.Y., in globe artichoke in baggage from Italy and stores from Greece.

An apparent new species of the subfamily Bagoini (Curculionidae) at Miami, Fla., on burhead plants in aircargo from Peru.

Baris sp. (Curculionidae) at Galveston, Tex., in horseradish in stores from Germany; and at Philadelphia, Pa., in turnip in stores from France.

Brachyrhinus sp., possibly *singularis* (L.) (Curculionidae), at New York, N.Y., in cyclamen tuber in air baggage from Italy.

Chlorochroa sp. (?) (Pentatomidae), not in the National Museum collection, at McGuire Air Force Base, N.J., on crates in aircargo from Spain.

Chrysolina sp., possibly *cerealis* (L.) (Chrysomelidae), at New York, N.Y., with rosemary in baggage from Italy.

Chrysomela sp., probably *chlorina* Maulik (Chrysomelidae), not in the National Museum collection, at New York, N.Y., on orchid plants in aircargo from India.

Cladius sp., probably *difformis* (Panz.) (Tenthredinidae), at New York, N.Y., on cut roses in air baggage from England.

Cleonus sp. (Curculionidae) at Baltimore, Md., in beet in stores from the United Arab Republic; and at New York, N.Y., in beet in stores from Israel.

Coccotrypes sp., probably *surinamensis* Schedl (Scolytidae), at New York, N.Y., in palm seed in aircargo from Brazil.

Conoderus sp., near *lividus* (DeG.) (Elateridae), at Miami, Fla., as stowaway in airplane from Venezuela; at New Orleans, La., as stowaway in airplane from Central America; and at San Juan, P.R., on *Epidendrum* sp. plants in aircargo from Panama.

Conoderus sp., probably *rufangulus* (Gyll.) (Elateridae), at New York, N.Y., in grape in cargo from Chile.

Ctenicera sp., probably *aneus* (L.) (Elateridae), at Washington, D.C., in soil with Amur chokecherry tree in aircargo from the Union of Soviet Socialist Republics.

Cylas sp. (Curculionidae) at Baltimore, Md., in sweetpotato in stores from Nigeria; at Mobile, Ala., in sweetpotato in stores from Liberia; and at New York, N.Y., in sweetpotato in cargo from Liberia.

Diaprepes sp. (Curculionidae) at St. Thomas & St. John, U.S.V.I., in sweetpotato in cargo from St. Kitts, B.W.I.

Epicaerus sp. (Curculionidae) at Brownsville and Presidio, Tex., in potato in baggage from Mexico; and at Tampa, Fla., in potato in stores from Mexico.

Erosoma sp. (Aphidae) at Miami, Fla., on apple in air baggage from Venezuela, in air stores from Argentina and Brazil, and in stores from Germany and Japan; and at New York, N.Y., on apple in cargo from Chile.

"*Eulia*" sp. (Tortricidae) at New York, N.Y., in grape, nectarine, peach, and plum in cargo from Chile.

Frankliniella sp., undescribed (Thripidae), at New York, N.Y., on cut gladiolus in aircargo from Israel. A really distinct undescribed species, very rare.

Gymnandrosoma sp. (Olethreutidae) at Chicago, Ill., in guava in airmail from Puerto Rico; at Miami, Fla., in cacao pod in air baggage from Barbados and in jujube in air baggage from Mexico; and at Mobile, Ala., in cacao pod in baggage from Trinidad.

Heilipus sp. (Curculionidae) at Brownsville, Tex., in avocado seed in baggage from Mexico; at El Paso, Tex., in avocado in cargo from Mexico; at Laredo, Tex., on orchids in cargo from Mexico; at San Diego, Calif., in avocado in stores from Panama; and at San Pedro, Calif., in avocado seed in air baggage from Guatemala.

Heterotermes sp., probably *cardini* (Snyder) (Rhinotermitidae), at New York, N.Y., in tomato in cargo from the Dominican Republic. A very destructive termite to buildings and crops.

Hyperodes sp. (Curculionidae) at Philadelphia, Pa., in carrot in stores from Brazil.

Lixus sp. (Curculionidae) at Baltimore, Md., in beet in stores from Italy and Sierra Leone; at Eagle Pass, Tex., in grain sweepings from railway car from Mexico; at Houston, Tex., in beet in stores from the United Arab Republic; at New York, N.Y., in beet in stores from Israel; and at Philadelphia, Pa., in beet in stores from Peru and the United Arab Republic.

Lygaeidae, new genus near *Cligenes*, at Brownsville, Tex., on bromeliad in cargo from Mexico. New genus near *Ozophora* at Laredo, Tex., on bromeliad in cargo from Mexico.

Lygaeus (?) n. sp. (*Lygaeidae*), new to the National Museum collection, at Laredo, Tex., on orchid plant in baggage from Mexico.

Megastigmus sp., possibly *pictus* Mayr (Torymidae), at Hoboken, N.J., in white spruce seed in cargo from Denmark.

Melanthrips sp., probably *ficabii* Buffa (Acolothripidae), not presently represented in the National Museum collection, at New York, N.Y., on calla lily in aircargo from Israel.

Metamasius sp., near *rugipectus* Champ. (Curculionidae), at Laredo, Tex., on bromeliad plant in baggage from Mexico.

Periphyllus sp., perhaps *kuwanaii* Takah. (Aphidae), at Honolulu, Hawaii, on maple tree in air baggage from Japan.

Phyllobius sp. (Curculionidae) at Hoboken, N.J., in wood moss with apple and quince stock in cargo from France.

Phyllotreta sp., possibly *nemorum* (L.) (Chrysomelidae), at New York, N.Y., in apple in baggage from Norway.

Phytophaga sp. (Cecidomyiidae) at Hoboken, N.J., in Norway spruce seed in cargo from Germany.

Pineus sp. (Chermidae), different from any seen from the United States, at Washington, D.C., on *Pinus sibirica* in aircargo from the Union of Soviet Socialist Republics.

Podapion sp., *gallicola* Riley or n. sp. (Curculionidae), at Laredo, Tex., on pine in cargo from Mexico. First record of the genus from Mexico.

Polychisme sp. (*Lygaeidae*) at Brownsville, Tex., in *Chamaedorea* sp. seed in cargo from Mexico. This is a South American genus; first record so far north.

Premnotrypes sp. (Curculionidae) at Houston, Tex., in potato in stores from Peru; at Miami, Fla., in potato in air baggage from Colombia; at New Orleans, La., in potato in stores from Peru; and at San Pedro, Calif., in potato in air baggage from Peru.

Psylliodes sp., probably *chrysocephala* (L.) (Chrysomelidae), at Boston, Mass., on parsley in air stores from England.

Stenotarsonemus sp., probably n. sp. (Tarsonemidae), at Miami, Fla., on passionflower fruit in air baggage from Colombia.

Strophosoma sp. (Curculionidae) at Chicago, Ill., with forest litter packing in mail from Germany; and at Hoboken, N.J., in wood moss with apple and quince stocks in cargo from France.

Tenuipalpus sp., probably n. sp. (Tenuipalpidae), at Washington, D.C., on *Spathiphyllum* sp. in aircargo from Indonesia.

Tetralicia n. sp. (Aleyrodidae) at Nogales, Ariz., on breadnut tree in baggage from Mexico.

Tetranychus n. sp. (Tetranychidae) at Honolulu, Hawaii, on carnation flower in air baggage from Japan.

Trionymus sp. (Coccidae), not placed as a described species, at Hoboken, N.J., on cactus in mail from England.

DISEASES

Incompletely determined pathogens of special interest were:

Ascochyta sp. at El Paso, Tex., on lentil seed in mail from Germany. This is the first report on this host as far as is known.

Cercospora sp., close to *sapindi* Obregon-Brotere, at Miami, Fla., on genip fruit in air baggage from Nicaragua. No *Cercospora* has been previously reported on this host.

Cercospora sp. at Brownsville, Tex., on *Aglaonema* sp. leaf in cargo from Mexico; and at Miami, Fla., on philodendron leaf in air baggage from Jamaica.

Coniothyrium sp. at Honolulu, Hawaii, on lemon in air stores from Australia, on Mandarin orange in air quarters and air stores from Japan, and on sweet orange in air baggage and air stores from Japan.

Elsinoe sp. (not typical) at San Juan, P.R., on lemon in air stores from the West Indies.

Elsinoe sp. at Miami, Fla., on Satsuma orange in air baggage from Argentina and in air stores from South America.

Gloeosporium sp. at Key West, Fla., on *Myroxylon pereirae* seed pod in air baggage from Cuba. No previous reports on this host as far as known.

Helminthosporium sp. at New York, N.Y., on *Trema guineensis* leaf in air cargo from Liberia.

Phyllosticta sp. at Brownsville, Tex., on peperomia leaf in cargo from Mexico (first report on this host as far as known); and at New York, N.Y., on *Trema guineensis* leaf in air cargo from Liberia.

Sphenospora sp. at Miami, Fla., on *Ionopsis utricularioides* leaf in air baggage from Jamaica.

Stagonospora sp. at Boston, Mass., on red pepper in stores from Mozambique. First report of this on *Capsicum* as far as known.

NEMATODES

Aphelenchoides sp. at Brownsville, Tex., in tuftroot in cargo from Mexico; at Hoboken, N.J., in cyclamen tuber in cargo from Italy and in dahlia root in mail from Belgium, Canada, and Switzerland; at Nogales, Ariz., in soil with caladium plant in baggage from Mexico; at San Diego, Calif., in ginger root in stores from Japan; and at San Ysidro, Calif., in Indianrubber fig roots in air baggage from Mexico.

Aphelenchus sp. at Hoboken, N.J., in cyclamen tuber in cargo from Italy.

Criconeimoides sp. at Laredo, Tex., in soil with *Cymbopogon* sp. and *Ipomoea* sp. plants in baggage from Mexico.

Ditylenchus sp. at New Orleans, La., in garlic in cargo from Italy.

Helicotylenchus sp. at Boston, Mass., in canna roots in air baggage from the Azores; at Brownsville, Tex., in soil with begonia plant in baggage from Mexico; at El Paso, Tex., in soil with various plants in baggage from Mexico; at Laredo, Tex., in amaryllis roots, grass roots, soil with azalea, lily, and various plants in baggage from Mexico and in soil with railway car from Mexico; and at Nogales, Ariz., in soil with *Eriobotrya* sp. in baggage from Mexico.

Heterodera sp., probably *rostochiensis*, at Boston, Mass., in soil with potato in stores from Spain.

Heterodera sp., probably *trifolii* (Goffart) Oostenbrink, at Boston, Mass., in soil with spruce in cargo from Germany.

Other members of the genus *Heterodera* were intercepted 113 times at 23 ports from the following countries: Argentina, Australia, Austria, Azores, Barbados, Belgium, Bermuda, British Honduras, Canada, Czechoslovakia, England, Estonia, Federation of Malaya, France, Germany, Greece, Ireland, Italy, Japan, Korea, Mexico, Netherlands, New Zealand, Northern Ireland, Norway, Scotland, Sweden, United Arab Republic, and an unknown origin. These were taken from air baggage and baggage in soil samples and soil with the following plants: Begonia, chrysanthemum, cyclamen, *Dianthus* sp., fern, fig, forget-me-not, geranium, heather, herb, lemon, *Mespilus* sp., mint, oregano, philodendron, rose, shamrock, silver crassula, strawberry, sweetpotato, tree tomato, various unidentified plants, violet, and wormwood; from airmail and mail in soil with asters, fig cuttings, gladiolus, pansy plants, and shamrock plants; from cargo in soil with new and used automobiles, cabbage, cycad plant, lily bulb, potato, tanks, and trucks; and from stores in soil with beet, burdock, cabbage, carrot, celeriac, horseradish, leek, onion, parsley, parsnip, potato, rutabaga, salsify, and turnip.

Hoplolaimus sp. at Laredo, Tex., in grass roots and in soil with unidentified plant in baggage from Mexico.

Meloidogyne sp., possibly *arenaria*, at Hoboken, N.J., in iris roots in mail from India.

Meloidogyne sp., probably *hapla*, at Hoboken, N.J., in rose plant in mail from Germany.

Meloidogyne sp., probably *incognita acrita*, at Washington, D.C., in *Piper* sp. in airmail from the Netherlands.

Meloidogyne sp. at Brownsville, Tex., in tuftroot in cargo from Mexico; at Hoboken, N.J., in achimenes tubers in aircargo from India, in African agapanthus roots in cargo and mail from Japan, in anemone roots in mail from England, in astilbe roots in mail from England and cargo from the Netherlands, in begonia tubers in mail from Japan, in bigleaf goldenray roots in cargo from Germany, in caladium tubers in cargo from Guatemala, in calla lily tubers in baggage from Tanganyika, cargo from France and Japan, and mail from India, in clematis roots in airmail and mail from England and cargo from the Netherlands, in cohosh bugbane roots in mail from England, in coralbells in cargo from the Netherlands, in dahlia roots in mail from France, in epimedium roots in airmail from England, in geranium in airmail from England and cargo from the Netherlands, in gerbera roots in mail from India, in Japanese iris in cargo from Japan, in monkshood roots in mail from England, in peony in cargo from the Netherlands, in plantain lily roots in cargo from Japan, in rose plants in mail from France, Germany, and Portugal, in tree peony roots in cargo from Japan, in tuberose bulb in mail from India, and in turmeric rhizome in mail from India; at Laredo, Tex., in beet roots, elephantsear, lime seedling, and succulent plant in baggage from Mexico; at Philadelphia, Pa., in potato in stores from Brazil; at San Diego, Calif., in sweetpotato tuber in stores from Mexico; and at San Francisco, Calif., in begonia tuber and gladiolus corm in cargo from Japan, and in resurrection lily in aircargo from Singapore.

Pratylenchus sp. at Boston, Mass., in soil with unidentified plants in air baggage from Finland; at Brownsville, Tex., in heliconia roots in cargo from Mexico; and at Hoboken, N.J., in roots of astilbe, Christmas-rose, clematis, coral torchlily, fringed iris, *Helleborus odoratus*, Japanese iris, and phlox in cargo, and in monkshood roots in mail from the Netherlands; in clematis roots in mail from England; and in Japanese iris in cargo from Japan.

Psilenchus sp. at El Paso, Tex., in soil with rose plant in baggage from Mexico.

Rhabditis sp. at San Diego, Calif., in ginger root in stores from Japan.

Rotylenchulus sp. at Miami, Fla., in soil with miscellaneous plants in air baggage from Jamaica.

Scutellonema sp. at Laredo, Tex., in soil with plants in baggage from Mexico.

Trophurus sp., possibly a new species, at Brownsville, Tex., in soil with begonia plant in baggage from Mexico.

Tylenchorhynchus sp. at Laredo, Tex., in soil with begonia plant and unidentified plant in baggage from Mexico; and at Nogales, Ariz., in soil with coleus and philodendron in baggage from Mexico.

Tylenchus sp. at El Paso, Tex., in soil with dead plants and rose plant in baggage from Mexico.

Xiphinema sp. at Laredo, Tex., in selaginella roots in cargo and in soil with yam in baggage from Mexico.

Summary of Numbers of Interceptions Listed in Main Table

Country	Insect	Disease	Country	Insect	Disease
Africa:			Europe—Continued		
Africa (country(?)).....	0	1	Greece.....	40	2
Algeria.....	3	0	Hungary.....	7	0
Canary Islands.....	1	0	Ireland.....	18	3
Cape Verde Islands.....	5	0	Italy.....	338	19
French Equatorial Africa.....	1	0	Italy(?).....	0	1
Kenya.....	0	1	Luxembourg.....	3	0
Liberia.....	1	0	Netherlands.....	89	21
Libya.....	10	0	Northern Ireland.....	1	2
Morocco.....	72	0	Norway.....	13	2
Morocco(?).....	1	0	Poland.....	6	0
Mozambique.....	0	1	Portugal.....	32	4
Nigeria.....	3	0	Rumania.....	1	0
Republic of the Congo.....	3	0	Scotland.....	21	1
Sudan.....	7	0	Spain.....	31	4
Tunisia.....	1	0	Sweden.....	10	0
Union of South Africa.....	26	36	Switzerland.....	7	33
United Arab Republic.....	11	0	Union of Soviet Socialist Republics.....	2	2
Asia:			Yugoslavia.....	3	1
Asia (country(?)).....	1	0	North America:		
Burma.....	2	2	Alaska.....	0	2
Ceylon.....	8	0	Bermuda.....	14	3
China.....	5	18	Canada.....	2	7
Cyprus.....	2	0	Central America:		
Federation of Malaya.....	1	1	British Honduras.....	12	2
Formosa.....	17	9	Canal Zone.....	9	8
Formosa(?).....	1	0	Central America (country(?)).....	2	0
Hong Kong.....	26	14	Costa Rica.....	16	12
India.....	48	3	El Salvador.....	25	0
Indonesia.....	5	0	Guatemala.....	25	12
Iran.....	6	1	Honduras.....	6	0
Israel.....	22	0	Nicaragua.....	17	2
Japan.....	476	382	Panama.....	22	3
Japan(?).....	4	1	Mexico.....	417	67
Korea.....	2	0	West Indies:		
Kuwait.....	1	0	Antigua.....	5	0
Lebanon.....	8	0	Bahamas.....	5	6
Pakistan.....	8	1	Barbados.....	4	0
Singapore.....	9	0	British West Indies.....	1	0
Thailand.....	4	2	Cuba.....	69	9
Turkey.....	7	1	Curacao.....	3	0
Vietnam.....	2	0	Dominican Republic.....	14	0
Australasia:			Grand Cayman.....	1	0
American Samoa.....	8	0	Haiti.....	11	2
Australia.....	11	33	Jamaica.....	42	2
Australia(?).....	1	0	Netherlands West Indies.....	1	0
Fiji Islands.....	3	0	Puerto Rico.....	29	1
Guam.....	4	3	Trinidad.....	10	2
Hawaii.....	423	3	South America:		
Hawaii(?).....	1	0	Argentina.....	6	41
Kwajalein(?).....	1	0	Brazil.....	51	67
Midway Islands.....	1	0	British Guiana.....	4	1
Netherlands New Guinea.....	1	0	Chile.....	102	5
New Guinea.....	1	0	Colombia.....	13	2
New Zealand.....	2	21	Ecuador.....	97	4
Norfolk Island.....	0	8	Peru.....	5	4
Okinawa.....	2	0	Surinam.....	2	0
Philippines.....	18	0	Uruguay.....	0	1
Saipan.....	0	1	Venezuela.....	4	0
South Pacific.....	1	0	Totals:		
Tahiti.....	3	0	Africa.....	145	39
Wake Island(?).....	4	0	Asia.....	665	435
West Pacific.....	6	0	Australasia.....	491	69
Europe:			Europe.....	851	157
Austria.....	2	1	North America.....	762	140
Azores.....	24	0	South America.....	284	125
Belgium.....	22	5	Unknown.....	106	27
Czechoslovakia.....	1	3	Total.....	3,304	992
Denmark.....	10	0	Total incompletely determined pests.....	2,897	829
England.....	46	25	Total insect interceptions.....	6,201	1,821
England(?).....	0	1	Total disease interceptions.....		8,022
Europe (country(?)).....	1	0	Grand total*.....		
Finland.....	0	1			
France.....	78	4			
France(?).....	1	0			
Germany.....	43	22			
Germanv(?).....	1	0			

*This total represents only pests of known or potential plant quarantine importance or organisms of scientific significance. The total of all interceptions made during the year was 30,230.

NOTE.—Interceptions were also made from the American Virgin Islands, Angola, Anguilla, Aruba, Bolivia, British Samoa, British Virgin Islands, Cayman Islands, Christmas Island, Eniwetok, Estonia, Ghana, Guernsey, Johnston Island, Jordan, Madeira Islands, Malta, Martinique, St. Kitts, St. Lucia, Sierra Leone, Tanganyika, Tortola, and Wales.

Pests Collected and Reported From July 1, 1959, Through June 30, 1960

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Acanthoderes circumflexa</i> Jacq. Duv. (Cerambycidae):					
Airplane	Cuba		1		Fla.
<i>Acanthoscelides armitagei</i> (Pic) (Bruchidae):					
<i>Cajanus cajan</i> (pigeonpea)	Panama	1			N.Y.
<i>Aceria macrochelus</i> (Nal.) (Eriophyidae):					
<i>Acer pseudoplatanus</i> (planetree maple)	France		2		Mass.
<i>Aceria macrorhynchus</i> (Nal.) (Eriophyidae):					
<i>Acer pseudoplatanus</i> (planetree maple)	do		1		Mass.
<i>Achaea janata</i> (L.) (Noctuidae):					
Mail parcel	Hawaii	1			Hawaii.
<i>Acedra fraterna</i> (Stal) (Pentatomidae):					
<i>Vitis</i> sp. (grape)	Chile	1			N.Y.
<i>Acrolepia assectella</i> (Zell.) (Hyponomeutidae):					
<i>Allium porrum</i> (leek)	Italy, Japan, Netherlands.		9		N.Y., Pa., S.C.
<i>Aculus aceris</i> (Nal.) (Eriophyidae):					
<i>Acer pseudoplatanus</i> (planetree maple)	France		2		Mass.
<i>Adela ochensheimerella</i> (Hbn.) (Adelidae):					
<i>Pinus</i> sp. (pine)	Switzerland	1			N.Y.
<i>Adoretus sinicus</i> (Burm.) (Scarabaeidae):					
Airplane	Hawaii		1		Hawaii.
<i>Alpinia purpurata</i> (cut flowers)	do	1			Hawaii.
<i>Anthurium</i> sp.	do	1			Hawaii.
Automobile	do	1			Hawaii.
Baggage	do	4			Hawaii.
Clothing	do	1			Hawaii.
Flowers—mixed	do	4			Hawaii.
Mail wrapper	do	1			Hawaii.
Seeds	do	1			Hawaii.
<i>Tillandsia</i> sp.	do	1			Hawaii.
<i>Vanda</i> sp. (orchid) flowers	do	2			Hawaii.
<i>Adoxophyes orana</i> (F.R.) (Tortricidae):					
<i>Syringa</i> sp. (lilac) cut.	Netherlands	4			N.Y.
<i>Aethus indicus</i> (Westw.) (Cynidae):	Japan, Philippines, West Pacific.		3		Hawaii.
Airplane					
<i>Aganactesis indecora</i> Dyar (Galleriidae):					
<i>Cassia</i> sp. (senna) seed pod	Jamaica			2	Fla.
<i>Agriotes lineatus</i> (L.) (Elateridae):					
<i>Solanum tuberosum</i> (potato)	Spain		1		Pa.
<i>Agriotes obscurus</i> (L.) (Elateridae):					
Soil with <i>Prunus maackii</i> (Amur chokecherry)	Union of Soviet Socialist Republics.			1	D.C.
<i>Aleurocanthus spiniferus</i> (Q.) (Aleyrodidae):					
<i>Citrus sinensis</i> (sweet orange) leaf	Japan		1		Wash.
<i>Aleurocanthus woglumi</i> Ashby (Aleyrodidae):					
<i>Citrus aurantifolia</i> (lime) leaf	Mexico	1			Tex.
<i>C. sinensis</i> (sweet orange) leaf	do	3			Tex.
<i>Citrus</i> sp. (leaf)	do	13			Ariz., Tex.
<i>Aleuroglandulus emmae</i> Rsl. (Aleyrodidae):					
<i>Gardenia augusta</i> (leaf)	Cuba	1			Fla.
<i>Mentha</i> sp. (mint) leaf	Mexico			1	Calif.*
<i>Aleurolobus olivinus</i> Silvestri (Aleyrodidae):					
<i>Olea europaea</i> (olive) leaf	Cyprus, Italy	2			N.Y.
<i>Aleurolobus taenabae</i> Kuwana (Aleyrodidae):					
<i>Vitis</i> sp. (grape) leaf	Japan			1	D.C.
<i>Aleuroparadozus gardeniae</i> Rsl. (Aleyrodidae):					
<i>Gardenia</i> sp. (leaf)	Mexico	1			Tex.
<i>Aleuroplatus variegatus</i> Q. & B. (Aleyrodidae):					
<i>Chamaedorea elegans</i> (palm) leaf	do	1			Tex.
<i>Chamaedorea</i> sp. (leaf)	do	2			Tex.
Leaf—unidentified	do	1			Ariz.
<i>Aleurothrixus myrtacei</i> Bondar (Aleyrodidae):					
<i>Gardenia augusta</i> (leaf)	Guatemala	1			Fla.
<i>Aleurotuberculatus similis</i> Takah. (Aleyrodidae):					
Camellia japonica var. rusticana	Japan			1	D.C.
<i>Ilex crenata</i> radicans	do			1	D.C.
<i>I. leptacantha</i>	do			1	D.C.
<i>Aleyrodes proletella</i> L. (Aleyrodidae):					
<i>Clematis</i> hybrid	England			1	N.J.

Pests Collected and Reported From July 1, 1959, Through June 30, 1960—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Alpheias conspirata</i> Hein. (Galleriidae):					
<i>Ananas comosus</i> (pineapple)	Mexico	1			Tex.
<i>Amphimallon majalis</i> Raz. (Scarabaeidae):					
Airplane	France, unknown		2		N.J., N.Y.
<i>Amyna natalis</i> (Wlk.) (Noctuidae):					
Airplane	Japan		1		Hawaii.
<i>Anacridium aegyptium</i> L. (Acrididae):					
Baggage	Italy	1			N.Y.
<i>Anastrepha ludens</i> (Loew) (Tephritidae):					
<i>Calocarpum sapota</i> (mamey sapote)	Mexico	4			Ariz., N.Y.
<i>Casimiroa edulis</i> (white sapote)	do	1			Tex.
<i>Citrus aurantifolia</i> (sweet lime)	do	8			Ariz., Calif., Tex.
<i>C. aurantium</i> (sour orange)	do	1			Tex.
<i>C. paradisi</i> (grapefruit)	do	11			Tex.
<i>C. sinensis</i> (sweet orange)	Guatemala, Mexico, unknown	93	9		Ala., Ariz., Calif., Fla., La., N.Y., Tex., Va.
<i>Cydonia oblonga</i> (quince)	Mexico	1			Tex.
<i>Malus sylvestris</i> (apple)	do	2			Tex.
<i>Mangifera indica</i> (mango)	Guatemala, Mexico	27	1		Ariz., Calif., Fla., Ill., La., Tex.
<i>Prunus persica</i> (peach)	Mexico	2			Tex.
<i>Punica granatum</i> (pomegranate)	do	4			Ariz., Tex.
<i>Pyrus communis</i> (pear)	do	5	1		Tex.
<i>Anastrepha mombinpraeoptans</i> Sein (Tephritidae):					
<i>Achras zapota</i> (sapodilla)	Curacao	1			N.Y.
<i>Mangifera indica</i> (mango)	Bahamas, Costa Rica, Cuba, Dominican Republic, Ecuador, El Salvador, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico	78	17		Ala., Calif., Fla., Ga., Ill., La., Mass., N.Y., Pa., P.R., S.C., Tex.
<i>Psidium guajava</i> (guava)	Puerto Rico	1			N.Y.
<i>Spondias mombin</i> (yellow mombin)	Bahamas, Costa Rica, El Salvador, Guatemala, Nicaragua, Puerto Rico	14			Calif., * Fla., P.R.
<i>Spondias purpurea</i> (purple mombin)	El Salvador, Guatemala, Mexico, Panama	6			Fla., Tex.
<i>Spondias</i> sp. (mombin)	Guatemala	2			La.
<i>Terminalia catappa</i> (tropical almond)	Jamaica	1			Calif.*
<i>Anastrepha serpentina</i> (Wied.) (Tephritidae):					
<i>Achras zapota</i> (sapodilla)	Nicaragua	1			Calif.*
<i>Calocarpum sapota</i> (mamey sapote)	El Salvador	1			Calif.*
<i>Anastrepha striata</i> Schin. (Tephritidae):					
<i>Psidium guajava</i> (guava)	do	1			Calif.*
<i>Anastrepha suspensa</i> (Loew) (?) (Tephritidae):					
<i>Psidium guajava</i> (guava)	Puerto Rico	1			P.R.
<i>Psidium</i> sp.	Haiti	1			Fla.
<i>Anechura vara</i> Scudd. (Forficulidae):					
Orchid	Mexico			1	Tex.
<i>Anomala orientalis</i> Waterh. (Scarabaeidae):					
Airplane	Haiti, Japan		2		Fla., Hawaii.
<i>Iris tingitana</i> x <i>I. ziphium</i> 'Wedgewood'	Israel			1	D.C.
<i>Anthonomus albolineatus</i> Champ. (Curculionidae):					
Bromeliad	Mexico			1	Tex.
<i>Antennaria graminis</i> Mask. (Coccidae):					
<i>Pterostylis</i> sp. (orchid)	Singapore			1	Hawaii.*
<i>Aonidiella inornata</i> McKenzie (Coccidae):					
Palm (leaf)	Japan		1		Calif.*
<i>Apion carduorum</i> Kirby (Curculionidae):					
<i>Cynara scolymus</i> (globe artichoke)	France, Italy	1	2		N.Y.
<i>Aracecerus levispennis</i> Jord. (Anthribidae):					
<i>Leucaena glauca</i>	Hawaii	1			Hawaii.

Pests Collected and Reported From July 1, 1959, Through June 30, 1960—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Archips pronubanus</i> (Hbn.) (?) (Tortricidae):					
<i>Diospyros</i> sp. (persimmon)	Italy	1			N.Y.
<i>Jasminum</i> sp. (jasmine)	do.			2	N.Y.
<i>Prunus domestica</i> (plum)	Portugal	1			N.Y.
<i>Punica granatum</i> (pomegranate)	Greece, Italy	2			N.Y.
<i>Arcte coerula</i> (Guen.) (Noctuidae):					
Airplane	Japan(?)		1		Hawaii.
<i>Ardis sulcata</i> (Cam.) (Tenthredinidae):					
<i>Rosa</i> hybrid	Italy, Portugal	1		1	Mass.
<i>Argyresthia conjugella</i> (Zell.) (Hyponomeutidae):					
<i>Malus sylvestris</i> (apple)	France(?), Germany, Norway, Sweden, unknown.	13	1		Calif., * N.Y.
<i>Arion ater</i> (L.) (Arionidae):					
<i>Brassica oleracea capitata</i> (cabbage)	Azores, Portugal		2		Fla., N.Y.
<i>Lactuca sativa</i> (lettuce)	France, Spain		2		N.Y.
<i>Urginea maritima</i> (shore drugsquill)	Portugal			1	D.C.
<i>Aspidiotus palmae</i> Ckll. (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Mexico	1			Calif. *
<i>Asterolecanium epidendri</i> (Bouché) (Coccidae):					
Orchid	Brazil			1	Fla.
<i>Athesapecta cyperi</i> Mshl. (Curculionidae):					
<i>Vanda</i> sp. (orchid) flowers	Hawaii	2			Hawaii.
<i>Aulacoscelis melanocera</i> Dup. & Chevr. (Chrysomelidae):					
<i>Dioon edule</i>	Mexico			1	Tex.
<i>Baris lepidii</i> Germ. (Curculionidae):					
<i>Armoracia rusticana</i> (horseradish)	Austria, Yugoslavia	1		1	N.Y.
<i>Batrachedra linaria</i> Clarke (Cosmopterygidae):					
<i>Agave shawii</i>	Mexico			1	Calif.
<i>Bemisia giffardii</i> (Kot.) (Aleyrodidae):					
<i>Citrus sinensis</i> (sweet orange) leaf	Hawaii			1	Hawaii.
<i>Bephrata maculicollis</i> Cam. (Eurytomidae):					
<i>Annona muricata</i> (sourpaw)	Venezuela		1		Pa.
<i>Bergallia signata</i> (Stal) (Cicadellidae):					
Flowers—mixed	Chile		1		Fla.
<i>Blastodacna atra</i> (Haw.) (Cosmopterygidae):					
<i>Malus sylvestris</i> (apple)	Turkey	1			N.J.
<i>Blissus diplopterus</i> Dist. (Lygaeidae):					
<i>Prunus persica</i> (peach)	Union of South Africa	1			N.Y.
<i>Bothynus cuniculus</i> (Fab.) (Scarabaeidae):					
Quarters (of tanker)	Unknown		1		St. Thomas & St. John.
<i>Brachycerus albidentatus</i> Gyll. (Curculionidae):					
<i>Allium sativum</i> (garlic)	Italy	2			N.Y.
<i>Brachycerus algirus</i> (F.) (Curculionidae):					
<i>Allium sativum</i> (garlic)	Italy, Spain	3			N.Y.
<i>Bradybaena similaris</i> (Fer.) (Bradybaenidae):					
<i>Celosia</i> sp. (cockscorn)	Mexico	1			Tex.
<i>Eryngium foetidum</i>	Cuba	1			Fla.
Flowers—mixed	Hawaii	4			Hawaii.
<i>Licuala</i> sp. (palm)	Cuba	1			N.Y.
<i>Mentha</i> sp. (mint)	Bermuda	1			N.Y.
Orchid	Brazil, Hawaii		2		Calif., * Fla.
Soil with plants	Bermuda, Brazil		1	1	Fla., N.Y.
<i>Tageles florida</i> (marigold)	Bermuda	1			N.Y.
<i>Vanda joaquimiae</i> (orchid)	Hawaii	2			Hawaii.
<i>Vanda</i> sp.	do.	9		2	Calif., * Hawaii.
<i>Brevipalpus chilensis</i> Baker (Tenuipalpidae):					
<i>Annona reticulata</i> (custard-apple)	Chile	1			Fla.
<i>Citrus sinensis</i> (sweet orange)	do.		1		Fla.
<i>Vitis</i> sp. (grape)	do.	39			N.Y.
<i>Brevipalpus obovatus</i> Donn. (Tenuipalpidae):					
<i>Citrus reticulata</i> (Mandarin orange)	Argentina		1		Fla.
<i>Crassula</i> sp.	Netherlands			1	D.C.
Palm	Japan		1		Calif. *
<i>Rhododendron</i> sp.	do.			1	D.C.
<i>Rosa</i> hybrid	Argentina		1		Fla.
<i>Vitis</i> sp. (grape)	Chile	2			N.Y.
<i>Bruchidius trifolii</i> (Mots.) (Bruchidae):					
<i>Trifolium incarnatum</i> (crimson clover) seed	Italy			1	S.C.

Pests Collected and Reported From July 1, 1959, Through June 30, 1960—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Bruchus affinis</i> Froel. (Bruchidae):					
<i>Lathyrus latifolius</i> (perennial pea)	Denmark, France			2	Minn., N.J.
<i>Lathyrus</i> sp. (seed)	Netherlands			1	N.J.
<i>Bruchus dentipes</i> (Baudi) (Bruchidae):					
<i>Vicia faba</i> (broadbean)	Greece		1		N.O.
<i>Bruchus guttalis</i> Rey (Bruchidae):					
<i>Vigna sativa</i> (vetch) straw jacket	France	1			N.Y.
<i>Bruchus lentis</i> Froel. (Bruchidae):					
<i>Lens culinaris</i> (lentil)	Italy		1		N.Y.
<i>Bruchus signaticornis</i> Gyll. (Bruchidae):					
<i>Lens culinaris</i> (lentil)	do	1			N.Y.
<i>Bruchus tristis</i> Boh. (Bruchidae):					
<i>Lathyrus</i> sp. (seed)	do	1			Ill.
<i>Vicia faba</i> (broadbean)	do	1			N.Y.
<i>Cactophagus validirostris</i> (Gyll.) (Curculionidae):					
<i>Philodendron hastatum</i>	Mexico	1			Tex.
<i>Callidium rufipenne</i> Motsch. (Cerambycidae):					
<i>Camellia japonica</i>	Japan	1			N.J.
Wood—unidentified	do	1	1		Fla., Hawaii
<i>Callosobruchus analis</i> (F.) (Bruchidae):					
<i>Cicer arietinum</i> (chickpea)	Hong Kong	1			N.Y.
<i>Pisum sativum</i> (pea)	China		1		Wash.
<i>Callosobruchus phaseoli</i> (Gyll.) (Bruchidae):					
<i>Dolichos lablab</i> (hyacinth bean)	Republic of the Congo	1			N.Y.
<i>Phaseolus vulgaris</i> (bean)	Cape Verde Islands	3			N.Y.
<i>Sesbania</i> sp. (flowers)	Hawaii	1			Hawaii.
<i>Callosobruchus subinnotatus</i> (Pic) (Bruchidae):					
<i>Phaseolus vulgaris</i> (bean)	Cape Verde Islands	1			N.Y.
<i>Calypsocephala gerstaeckeri</i> Boh. (Chrysomelidae):					
<i>Chamaedorea oblongata</i> (palm)	Mexico	1			Tex.
<i>Calypsocephala marginipennis</i> Boh. (Chrysomelidae):					
<i>Chamaedorea elegans</i> (palm)	do	2			Tex.
<i>Capaneus tetricus</i> Stal (Coreidae):					
<i>Bromelia</i> sp.	do			1	Tex.
<i>Carposina niponensis</i> Wlghm. (Carposinidae):					
<i>Malus sylvestris</i> (apple)	Japan		2		Calif.,* Hawaii.
<i>Prunus domestica</i> (plum)	Hong Kong	1			Mich.
<i>Carydon fuscus</i> (Goeze) (Bruchidae):					
<i>Tamarindus indica</i> (tamarind)	Republic of the Congo, Philippines.	2			Hawaii, N.Y.
<i>Cassida nebulosa</i> (L.) (Chrysomelidae):					
Moss (packing)	Netherlands			1	N.J.
<i>Cassida sanguinolenta</i> Müll. (Chrysomelidae):					
<i>Cynara scolymus</i> (globe artichoke)	Italy			1	N.Y.
<i>Cassida vibex</i> L. (Chrysomelidae):					
<i>Cynara scolymus</i> (globe artichoke)	do	1			N.Y.
<i>Catacanthus carrenoi</i> (LeGuillou) (Pentatomidae):					
Airplane	Formosa		1		Hawaii.
<i>Catorama herbarium</i> Gorham (Anobiidae):					
Burlap	Hawaii	1			Pa.
<i>Cecilioides acicula</i> (Müller) (Achatinidae):					
Soil	Germany	1			Mich.
Soil with various plants	Italy, Panama, Turkey			5	Fla., Mass.
Trifolium sp. (clover)	Greece			1	Mass.
<i>Cepaea nemoralis</i> (L.) (Helicidae):					
Automobile	England	1			Md.
<i>Cephaloleia pretiosa</i> Baly (Chrysomelidae):					
<i>Musa paradisica</i> (plantain)	Panama	1			N.Y.
<i>Ceratitis capitata</i> (Wied.) (Tephritidae):					
Baggage (with <i>Castanea</i> sp.)	Italy	1			N.Y.
<i>Citrus limon</i> (lemon)	Greece	1			N.Y.
<i>C. paradisi</i> (grapefruit)	Cyprus, Italy, Turkey	1	2		Fla., N.Y., N.C.
<i>C. reticulata</i> (Mandarin orange)	Algeria, Italy, Spain, Tunisia	4	3		Fla., N.Y., Tex.
<i>C. sinensis</i> (sweet orange)	Brazil, Israel, Italy, Portugal, Spain, Union of South Africa.	8	10		Fla., Ga., Md., Mass., N.J., N.Y., Pa., Tex.

Pests Collected and Reported From July 1, 1959, Through June 30, 1960—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>eratilis capitata</i> —Continued					
<i>Coffea arabica</i> (Arabian coffee).....	Brazil, Hawaii.....	30	---	---	Calif., * Fla., Hawaii.
<i>Coffea</i> sp.....	Brazil.....	4	---	---	Fla., N.Y.
<i>Cydonia oblonga</i> (quince).....	Greece, Italy, Lebanon.....	5	---	---	N.Y.
<i>Diospyros</i> sp. (persimmon).....	Italy.....	3	---	---	N.Y.
<i>Eriobotrya japonica</i> (loquat).....	Azores, Italy.....	4	---	---	Mass., N.Y.
<i>Eugenia uniflora</i> (pitanga).....	Hawaii.....	1	---	---	Hawaii.
<i>Ficus carica</i> (fig).....	Argentina, Greece, Israel, Italy, United Arab Republic.....	16	---	---	Fla., Mass., N.Y.
Fruit—unidentified.....	Hawaii.....	2	---	---	Hawaii.
<i>Malus sylvestris</i> (apple).....	Azores, Israel, Italy, Portugal.....	6	4	---	Fla., Mass., N.Y.
<i>Malus</i> sp.....	Azores, Italy.....	3	1	---	N.Y.
<i>Opuntia humifusa</i> (pricklypear).....	Italy.....	8	---	---	N.Y.
<i>Opuntia</i> sp. (cactus) fruit.....	do.....	2	---	---	N.Y.
<i>Phaleria papuana</i> (seed of fruit).....	Indonesia.....	---	---	1	D.C.
<i>Prunus armeniaca</i> (apricot).....	Italy.....	---	1	---	N.Y.
<i>P. domestica</i> (plum).....	Unknown.....	1	---	---	N.Y.
<i>P. persica</i> (peach).....	Azores, Greece, Italy, Portugal, Spain, Union of South Africa, unknown.....	16	14	---	Fla., Mass., N.Y., P.R.
<i>Psidium guajava</i> (guava).....	Azores, Israel, Portugal.....	4	---	---	Mass., N.Y.
<i>Punica granatum</i> (pomegranate).....	Hawaii, Israel, Italy.....	3	---	---	Hawaii, N.Y.
<i>Pyrus communis</i> (pear).....	Azores, Greece, Hungary, Italy, unknown.....	10	2	---	Mass., N.J., N.Y.
Quarters (on window).....	Unknown.....	---	1	---	Fla.
<i>Vitis</i> sp. (grape).....	do.....	---	1	---	N.Y.
<i>Ceratitis capitata</i> (Wied.) (?) (Tephritidae):					
<i>Citrus sinensis</i> (sweet orange).....	do.....	---	1	---	N.J.
<i>Coffea arabica</i> (Arabian coffee).....	Hawaii.....	5	---	---	Hawaii.
<i>Ficus carica</i> (fig).....	Greece, Italy.....	3	---	---	N.Y.
<i>Lycopersicon esculentum</i> (tomato).....	Hawaii.....	1	---	---	Hawaii.
<i>Passiflora</i> sp. (passionflower) fruit.....	Portugal.....	1	---	---	Mass.
<i>Prunus persica</i> (peach).....	Italy.....	1	---	---	N.Y.
<i>Psidium guajava</i> (guava).....	Hawaii.....	1	---	---	Hawaii.
<i>Vitis</i> sp. (grape).....	Union of South Africa.....	1	---	---	N.Y.
<i>Cerconota anonella</i> (Sepp) (Stenomidae):					
<i>Annona muricata</i> (soursop).....	Haiti.....	1	---	---	N.Y.
<i>A. reticulata</i> (custard-apple).....	British Honduras.....	1	---	---	Fla.
<i>Ceresium unicolor</i> (F.) (Cerambycidae):					
Flowers (leis).....	Hawaii.....	1	---	---	Hawaii.
<i>Ceroptastes rubens</i> Mask. (Coccidae):					
<i>Alyxia olivaeformis</i> (maile alyxia).....	do.....	1	---	---	Calif.*
<i>Ceroloma ruficornis</i> (Ol.) (Chrysomelidae):					
<i>Cojanus cajan</i> (pigeonpea).....	Puerto Rico.....	1	---	---	P.R.
<i>Cucumis sativus</i> (cucumber).....	British West Indies.....	1	---	---	St. Croix.
<i>Phaseolus vulgaris</i> (bean).....	Cuba.....	1	---	---	Fla.
<i>Ceutorhynchus pleurostigma</i> (Mshl.) (Curculionidae):					
<i>Brassica rapa</i> (turnip).....	France, Italy.....	---	2	---	Calif.*
<i>Chalciope hyppasia</i> (Cram.) (Noctuidae):					
Airplane.....	Okinawa.....	---	1	---	Hawaii.
<i>Chalepus acuticornis</i> Chap. (Chrysomelidae):					
Airplane.....	Mexico.....	---	1	---	Tex.
<i>Chalepus emoger</i> Cr. (Chrysomelidae):					
Bromeliad.....	Guatemala.....	---	---	1	Fla.
<i>Charidotis seminulum</i> (Boh.) (Chrysomelidae):					
<i>Chamaedorea oblongata</i> (palm).....	Mexico.....	1	---	---	Tex.
<i>Chamaedorea</i> sp.....	do.....	1	---	---	Tex.
<i>Chilo loftini</i> Dyar (Crambidae):					
<i>Saccharum officinarum</i> (sugarcane).....	do.....	14	---	---	Ariz., Tex.
<i>Chilo suppressalis</i> (Wlk.) (Crambidae):					
<i>Oryza sativa</i> (rice) straw.....	Hong Kong, Japan, Korea, unknown.....	11	2	---	Calif., Calif.,* Fla., Hawaii, Tex., Wash.

Pests Collected and Reported From July 1, 1959, Through June 30, 1960—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of inter-ceptions in—			Collected in—
		Consump- tion	Nonentry	Propaga- tion	
<i>Chrysolina americana</i> (L.) (Chrysomelidae):					
<i>Rosmarinus officinalis</i> (rosemary).....	Italy.....	1			N.Y.
<i>Chrysomphalus albopictus</i> (Ckll.) (Coccidae):					
<i>Cocos nucifera</i> (coconut).....	Costa Rica.....	1			Calif.*
<i>Chrysomphalus bifasciculatus</i> Ferris (Coccidae):					
<i>Citrus sinensis</i> (sweet orange).....	Japan.....		2		Calif.*
<i>Chrysomphalus calurus</i> (Ckll.) (Coccidae):					
<i>Spondias mombin</i> (yellow mombin).....	Costa Rica, El Salva- dor, Nicaragua.....	4			Calif.*
<i>Chrysomphalus paulistus</i> (Hempel) (Coccidae):					
<i>Laurus nobilis</i> (Grecian laurel).....	Brazil.....	1			Fla.
<i>Philodendron</i> sp.....	do.....			2	D.C.
<i>Chrysomphalus personatus</i> (Comst.) (Coccidae):					
<i>Citrus aurantifolia</i> (lime).....	Brazil, Costa Rica.....	1	1		Calif.*
<i>Cocos nucifera</i> (coconut).....	Mexico.....	1			Calif.*
<i>Mangifera indica</i> (mango).....	Nicaragua.....	1			Calif.*
<i>Chrysomphalus sphaeroides</i> (Ckll.) (Coccidae):					
<i>Chamaedorea pygmaea</i>	Mexico.....			1	Calif.*
<i>Chrysomphalus umboniferus</i> (Newst.) (Cocci- dae):					
<i>Cattleya</i> sp. (orchid).....	Costa Rica.....			1	Calif.*
<i>Cligenes delineata</i> (Dist.) (Lygaeidae):					
Bromeliad.....	Mexico.....			1	Tex.
Orchid.....	Central America (coun- try (?)).....			1	Tex.
<i>Coccotrypes pygmaeus</i> Eichh. (Scolytidae):					
Palm (seed).....	Brazil.....			1	N.Y.
<i>Coccus pseudomagnoliarum</i> (Kuw.) (Coccidae):					
<i>Citrus aurantium</i> (sour orange).....	Japan.....		1		Calif.*
<i>Coccus viridis</i> (Green) (Coccidae):					
<i>Gardenia augusta</i>	Hawaii.....	16	3	1	Calif.*
<i>G. taitensis</i>	do.....	1			Calif.*
<i>Gardenia</i> sp.....	do.....	1			Calif.*
<i>Cochlicella barbara</i> (L.) (Helicellidae):					
Automobile.....	France.....	1			La.
<i>Citrus limon</i> (lemon).....	Algeria.....		1		Wash.
Military cargo.....	France, Italy, Moroc- co, Spain.....	26			La., N.Y., S.C., Va.
Seed—mixed.....	Italy.....			1	Mich.
<i>Cochlicella ventrosa</i> (Fer.) (Helicellidae):					
<i>Anthemis nobilis</i> (Roman camomile).....	do.....	1			Calif.*
<i>Citrus limon</i> (lemon).....	Algeria.....		1		Wash.
<i>Lactuca sativa</i> (lettuce).....	Portugal.....		1		Mass.
<i>Mentha</i> sp. (mint).....	Bermuda.....	1			N.Y.
Military cargo.....	Bermuda, Italy, Mo- rocco.....	4			Mass., S.O.
<i>Pelargonium</i> sp.....	Azores.....			1	Mass.
<i>Coeloneurus nigritrostris</i> Solari (Curculionidae):					
<i>Chamaedorea</i> sp. (palm).....	Mexico.....	1			Tex.
<i>Conoderus azoricus</i> Tarnier (Elateridae):					
Military cargo.....	Azores.....	1			Del.
<i>Conoderus bifoveatus</i> (Palis.) (Elateridae):					
Paper.....	Unknown.....		1		P.R.
<i>Conoderus exsul</i> (Sharp) (Elateridae):					
<i>Anthurium</i> sp.....	Hawaii.....	2			Hawaii.
Foliage.....	do.....	1			Hawaii.
<i>Heliconia</i> sp. (flowers).....	do.....	1			Hawaii.
Mail parcel.....	do.....	1			Hawaii.
Orchid (flowers).....	do.....	1			Hawaii.
<i>Schinus</i> sp. (berry).....	do.....	1			Hawaii.
<i>Vanda</i> sp. (orchid) flowers.....	do.....	3			Hawaii.
<i>Conoderus pallipes</i> (Esch.) (Elateridae):					
Airplane.....	Unknown, Wake Is- land (?).....		2		Hawaii.
<i>Conoderus rufangulus</i> (Gyll.) (Elateridae):					
<i>Prunus persica nectarina</i> (nectarine):	Chile.....	1			N.Y.
<i>Vitis</i> sp. (grape).....	do.....	11			N.Y.
<i>Conotelus mexicanus</i> Murr. (Nitidulidae):					
<i>Chrysanthemum</i> sp. (flowers).....	Mexico.....	1			Tex.
Herbarium specimens.....	Guatemala.....	1			Tex.
<i>Plumeria</i> sp.....	Hawaii.....	1			Hawaii.
<i>Vanda joaquimiae</i> (orchid) flowers.....	do.....	1			Hawaii.

Pests Collected and Reported From July 1, 1959, Through June 30, 1960—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Conotrachelus aguacatae</i> Barber (Curculionidae): <i>Persea americana</i> (avocado)	Mexico	24	1	1	Calif., Tex.
<i>Conotrachelus perseae</i> Barber (Curculionidae): <i>Persea americana</i> (avocado)	Guatemala, Mexico	3			Tex.
<i>Copris hispanus</i> L. (Scarabaeidae): Crate	Morocco (?)	1			Va.
<i>Coptotermes crossus</i> Snyder (Rhinotermitidae): <i>Pinus</i> sp. (pine)	British Honduras	1			La.
<i>Coptotermes vastator</i> Light (Rhinotermitidae): <i>Areca cathecu</i> (betel palm) nuts	Philippines	1			Hawaii.
<i>Cordylomera spinicornis</i> (F.) (Cerambycidae): <i>Khaya</i> sp. (African mahogany)	Union of South Africa	1			La.
<i>Corythaica carinata</i> Uhler (Tingidae): <i>Lippia reptans</i> (leaf)	Cuba	1			Fla.
<i>Cosmopolites sordidus</i> (Germ.) (Curculionidae): <i>Musa paradisiaca</i> (plantain)	Netherlands New Guinea, New Guinea			2	D.C.
<i>Crambus ligonellus</i> Zell. (Crambidae): Airplane	Puerto Rico		1		P.R.
<i>Cretonotos gangis</i> (L.) (Arctiidae): Airplane	Unknown		1		Hawaii.
<i>Cryphula apaticus</i> (Dist.) (Lygaeidae): Orchid (plant)	Honduras			1	Fla.
<i>Cryphula fasciata</i> (Dist.) (Lygaeidae): <i>Isochilus major</i> (orchid)	Canal Zone			1	Hawaii.
<i>Cryptolabes gnidiella</i> (Mill.) (Phycitidae): <i>Citrus limon</i> (lemon)	Portugal		1		Mass.
<i>C. sinensis</i> (sweet orange)	Italy, Portugal	2	2		Fla., N.Y.
<i>Prunus persica</i> (peach)	Italy		1		N.Y.
<i>Punica granatum</i> (pomegranate)	Greece, Israel, Italy, Lebanon, Portugal, Spain	30			N.Y.
<i>Cryptophlebus xerampelinus</i> Suffr. (Chrysomelidae): <i>Gardenia augusta</i> (flower)	Cuba	1			N.Y.
<i>Cryptophlebia illepidia</i> (Btlr.) (Olethreutidae): <i>Coffea arabica</i> (Arabian coffee)	Hawaii	1			Hawaii.
<i>Macadamia ternifolia</i>	do	1			Hawaii.
<i>Cryptophlebia leucotreta</i> (Meyr.) (Olethreutidae): <i>Capsicum frutescens grossum</i> (bell pepper)	Republic of the Congo		1		Md.
<i>Citrus sinensis</i> (sweet orange)	Union of South Africa		1		Fla.
<i>Cryptotermes brevis</i> (Wlk.) (Kalotermitidae): Clothing	Hawaii	1			Hawaii.
<i>Triticum aestivum</i> (wheat)	Brazil	1			Fla.
<i>Ctenochira hectica</i> (Boh.) (Chrysomelidae): <i>Chamaedorea elegans</i> (palm)	Mexico	1			Tex.
<i>Ctenochira hierglyphica</i> (Boh.) (Chrysomelidae): <i>Chamaedorea oblongata</i> (palm) leaf	do	1			Tex.
<i>Ctenochira plicata</i> (Boh.) (Chrysomelidae): <i>Chamaedorea oblongata</i> (palm) leaf	do	1			Tex.
<i>Curculio elephas</i> (Gyll.) (Curculionidae): <i>Castanea sativa</i> (European chestnut)	France, Italy	7	1		N.Y., P.R.
<i>Castanea</i> sp. (chestnut)	Italy, Portugal, Spain	12	1		Calif., *N.Y., Pa.
<i>Quercus cerris</i> (European Turkey oak)	Italy			1	N.J.
<i>Curculio nucum</i> L. (Curculionidae): <i>Corylus avellana</i> (filbert)	Italy, Poland	1		1	N.J., N.Y.
<i>Corylus</i> sp. (hazelnut)	Italy	2			N.Y.
<i>Cylas formicarius</i> (F.) (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato)	Hong Kong, Philippines	6		1	Hawaii.
<i>Cylas formicarius</i> (F.) var. (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato)	Dominican Republic, Federation of Malaya, Hong Kong, Japan, Philippines, Singapore, Thailand, Thailand	12	2		Hawaii, N.Y., Oreg.
<i>Ipomoea</i> sp.	Thailand	1			Hawaii.

Pests Collected and Reported From July 1, 1959, Through June 30, 1960—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Cylas formicarius elegantulus</i> (Summers) (Curculionidae):					
Baggage (with <i>Ananas comosus</i>)	Hawaii	1			Hawaii
<i>Ipomoea batatas</i> (sweetpotato)	Antigua, Cuba, Curacao, Dominican Republic, Guatemala, Haiti, Mexico.	14	12		Ala., Fla., Ga., Mass., N.Y., N.O., Pa., St. Croix, Tex.
<i>Ipomoea</i> sp.	Cuba		1		Tex.
<i>Cylas formicarius formicarius</i> (F.) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)	China, Hong Kong	3			Hawaii.
<i>Dacus cucurbitae</i> (Coq.) (Tephritidae):	Hawaii		1		Calif.*
<i>Lycopersicon esculentum</i> (tomato)					
<i>Dacus dorsalis</i> Hend. (Tephritidae):	do	1			Hawaii.
<i>Carica papaya</i> (papaya)	do	3	2		Calif., Hawaii.
<i>Mangifera indica</i> (mango)	do				Calif.*
<i>Persea americana</i> (avocado)	do	2			Hawaii.
<i>Psidium guajava</i> (guava)	Guam	1			Calif.*
<i>Terminalia catappa</i> (tropical almond)	Hawaii	1			Hawaii.
<i>Dacus dorsalis</i> Hend. (?) (Tephritidae):					
<i>Coffea arabica</i> (Arabian coffee)	do	2			Hawaii.
<i>Mangifera indica</i> (mango)	do	2			Hawaii.
<i>Passiflora</i> sp. (passionflower) fruit	do	1			Calif.*
<i>Dacus oleae</i> (Gmel.) (Tephritidae):					
<i>Olea europaea</i> (olive)	Greece, Israel, Italy, Lebanon, United Arab Republic.	52			Mass., Mich., N.Y.
<i>Deloyala guttata bohemani</i> Spaeth (Chrysomelidae):					
<i>Chamaedorea oblongata</i> (palm) leaf	Mexico	1			Tex.
Orchid	do			1	Tex.
<i>Delphacodes teapae</i> (Fowler) (Delphacidae):					
<i>Echinodorus</i> sp.	Peru			1	Fla.
<i>Dendrocoris variegatus</i> Nelson (Pentatomidae):					
Bromeliad	Mexico			1	Ariz.
Orchid	do			1	Tex.
<i>Dercynus micronyx</i> Champ. (Curculionidae):					
<i>Brownia grandiflora</i> (seed)	Trinidad			1	Fla.
<i>Deuterocampia atomaculata</i> Stal (Chrysomelidae):					
<i>Chamaedorea elegans</i> (palm) leaf	Mexico	1			Tex.
<i>Diabrotica lepida</i> (Say) (Chrysomelidae):					
Orchid	do			1	Tex.
<i>Diabrotica porracea</i> Har. (Chrysomelidae):					
Bromeliad	do			1	Ariz.
<i>Diachus auratus</i> F. (Chrysomelidae):					
<i>Agave victoriae-reginae</i>	do			1	Tex.
<i>Dialeurodes chittendeni</i> Laing (Aleyrodidae):					
<i>Rhododendron</i> sp.	Netherlands			31	N.J., N.Y.
<i>Dialeurodes citrifolii</i> (Morg.) (Aleyrodidae):					
<i>Citrus sinensis</i> (sweet orange) leaf	Cuba	1			Fla.
<i>Citrus</i> sp. (leaf)	El Salvador, Mexico	2			Calif., * Tex.
<i>Dialeurodes kirkaldyi</i> (Kot.) (Aleyrodidae):					
<i>Gardenia augusta</i> (leaf)	Lebanon			1	N.Y.
<i>Jasminum sambac</i> (Arabian jasmine)	Hawaii			1	Hawaii.
<i>Jasminum</i> sp.	Hawaii, Hong Kong			2	Hawaii.
<i>Dialeurodes vulgaris</i> Singh (?) (Aleyrodidae):					
<i>Jasminum</i> sp. (jasmine)	India			1	Wash.
<i>Diaphania itysalis</i> (Wlk.) (Pyraustidae):					
Airplane	Japan(?)			1	Hawaii.
<i>Diaprepes abbreviatus</i> (L.) var. (Curculionidae):					
<i>Cajanus cajan</i> (pigeonpea)	Puerto Rico	1			P.R.
<i>Diaprepes famelicus</i> (G.) var. (Curculionidae):					
<i>Amaryllis</i> sp. (flower)	Bermuda	1			N.Y.
<i>Dictyophorus spumans</i> (Thunb.) (Acrididae):					
None (live entomological specimen)	Union of South Africa	1			N.Y.
<i>Dicyphus annulatus</i> (Wolff) (Miridae):					
<i>Lactuca sativa</i> (lettuce)	Italy			1	Tex.

Pests Collected and Reported From July 1, 1959, Through June 30, 1960—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Dicyphus stachydis</i> Reut. (Miridae):					
<i>Rumex</i> sp. (dock).....	Ireland.....	-----	-----	1	N.Y.
<i>Dinoderus bifoveolatus</i> (Woll.) (Bostrichidae):					
<i>Lonchocarpus</i> sp. (?).....	Peru.....	1	-----	-----	N.Y.
<i>Diocalandra taitensis</i> (Guer.) (Curculionidae):					
Airplane.....	Unknown.....	-----	1	-----	Hawaii.
<i>Cocos nucifera</i> (coconut).....	Hawaii.....	5	-----	-----	Hawaii.
<i>Dynatopechus calandroides</i> Zimm. (Curculionidae):					
<i>Phaseolus lunatus macrocarpus</i> (lima bean).....	do.....	1	-----	-----	Hawaii.
<i>Dyscinetus laevipunctatus</i> Bates (Scarabaeidae):					
Automobile.....	Mexico.....	-----	1	-----	Tex.
<i>Dyspessa ulula</i> (Bkh.) (Cossidae):					
<i>Allium sativum</i> (garlic).....	Italy, Spain.....	12	-----	-----	La., N.Y., P.R.
<i>Ectomyelois ceratoniae</i> (Zell.) (Phycitidae):					
<i>Cassia</i> sp. (senna).....	Hawaii.....	1	-----	-----	Hawaii.
<i>Cerantonía siliqua</i> (carob) bean.....	Italy, Lebanon.....	3	-----	-----	N.Y.
<i>Cydonia oblonga</i> (quince).....	Greece.....	1	-----	-----	N.Y.
<i>Eriobotrya japonica</i> (loquat).....	Italy.....	1	-----	-----	N.Y.
<i>Juglans regia</i> (English walnut).....	Greece.....	1	-----	-----	N.Y.
<i>Juglans</i> sp. (walnut).....	Italy, Portugal.....	2	-----	-----	N.Y.
<i>Punica granatum</i> (pomegranate).....	Greece, Israel, Italy.....	7	-----	-----	Mass., N.Y.
<i>Pyrus communis</i> (pear).....	Italy.....	1	-----	-----	N.Y.
<i>Samanea saman</i> (raintree saman) pod.....	Hawaii.....	1	-----	-----	Hawaii.
<i>Tamarindus indica</i> (tamarind) pod.....	Jamaica, Japan (?), Philippines.....	2	-----	1	Fla., Wash.
<i>Ectomyelois muriscis</i> (Dyar) (Phycitidae):					
<i>Cerantonía siliqua</i> (carob) pod.....	Jamaica.....	1	-----	-----	Tex.
<i>Enterolobium cyclocarpum</i>	Mexico.....	-----	-----	1	Tex.
<i>Edessa rufomarginata</i> (DeGeer) (Pentatomidae):					
Cargo.....	British Honduras.....	1	-----	-----	Fla.
<i>Empoasca flavescens</i> (F.) (Cicadellidae):					
Plants—undentified.....	Netherlands.....	-----	-----	1	N.J.
<i>Ephestia calidella</i> (Guen.) (Phycitidae):					
<i>Cerantonía siliqua</i> (carob).....	Italy.....	1	-----	-----	N.Y.
<i>Epichorista ionephela</i> (Meyr.) (Tortricidae):					
<i>Ornithogalum thyrsoides</i> (Cape chinkerichsee).....	Union of South Africa.....	3	-----	-----	N.Y.
<i>Epilachna borealis</i> (F.) var. (Coccinellidae):					
Orchid.....	Mexico.....	-----	-----	1	Tex.
<i>Epilachna mexicana</i> (Guer.) (Coccinellidae):					
<i>Pinus</i> sp. (pine) cone.....	do.....	1	-----	-----	Tex.
<i>Epinotia aporema</i> (Wlsm.) (Olethreutidae):					
<i>Lycopersicon esculentum</i> (tomato).....	do.....	1	-----	-----	Tex.
<i>Phaseolus vulgaris</i> var. (string bean).....	do.....	1	1	-----	Tex.
<i>Vigna sinensis</i> (cowpea).....	Argentina.....	1	-----	-----	Fla.
<i>Eriophyes canestrinii</i> (Nal.) (Eriophyidae):					
<i>Buzus sempervirens</i> (common boxwood).....	Netherlands.....	-----	-----	3	N.J.
<i>Ernobia abietis</i> F. (Anobiidae):					
<i>Picea</i> sp. (?) cones.....	Germany.....	1	-----	-----	Md.
<i>Eutheola rugiceps</i> (LeC.) (Scarabaeidae):					
Airplane.....	Unknown.....	-----	1	-----	Hawaii.
<i>Euleia heraclei</i> (F.) (?) (Tephritidae):					
<i>Apium graveolens</i> (celery).....	England.....	-----	1	-----	N.Y.
<i>Euricania splendida</i> (Fab.) (Ricanidae):					
Airplane.....	Unknown.....	-----	1	-----	Hawaii.
<i>Euscepes postfasciatus</i> (Fairm.) (Curculionidae):					
Baggage (with <i>Ananas comosus</i>).....	Hawaii.....	1	-----	-----	Hawaii.
<i>Ipomoea batatas</i> (sweetpotato).....	Barbados, Brazil, Japan, Puerto Rico, Trinidad.....	4	8	-----	Ala., Hawaii, N.Y., Pa.
Mail (peanuts and cut flowers).....	Hawaii.....	3	-----	-----	Hawaii.
<i>Evers comyntas</i> (Godt.) (Lycanidae):					
<i>Phaseolus vulgaris</i> var. (string bean).....	Mexico.....	2	-----	-----	Tex.
<i>Eurygaster forficatus</i> (L.) (Euryastidae):					
<i>Brassica oleracea</i>	Belgium.....	-----	1	-----	Tex.
<i>B. oleracea botrytis</i> (cauliflower).....	France, Norway.....	-----	2	-----	N.Y.
<i>B. oleracea capitata</i> (cabbage).....	Belgium, France.....	-----	2	-----	N.Y., Tex.
<i>Eutelia tessulatana</i> Stgr. (?) (Olethreutidae):					
<i>Cupressus</i> sp. (cypress) cones.....	France.....	1	-----	-----	N.Y.
<i>Erpichiomera formosa</i> (Dist.) (Lygaeidae):					
Orchid.....	Mexico.....	-----	-----	2	Tex.

Pests Collected and Reported From July 1, 1959, Through June 30, 1960—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Erpochiomeria oblonga</i> (Stal) (Lygaeidae):					
<i>Gossypium</i> sp. (cottonseed)	Mexico	1			Ariz.
<i>Fieberocapsus flaveolus</i> (Reut.) (?) (Miridae):					
<i>Calluna vulgaris</i> (heather)	Scotland	1			N.Y.
<i>Florinia theae</i> Green (Coccidae):					
<i>Camellia granthaminana</i>	Hong Kong			1	D.C.
<i>Forficula aetolica</i> Brunn. (Forficulidae):					
<i>Punica granatum</i> (pomegranate)	Greece	1			N.Y.
<i>Frankliniella formosae</i> Mit. (Thripidae):					
<i>Arctotis stoechadifolia</i>	Japan	1			Hawaii.
<i>Chrysanthemum</i> sp.	do	5	2		Hawaii.
<i>Citrus</i> sp. (peel)	Hong Kong	1			Hawaii.
<i>Dianthus caryophyllus</i> (carnation)	Japan	20	3		Hawaii.
<i>Dianthus</i> sp.	do		3		Hawaii.
Flowers (lei)	Fiji Islands	1			Hawaii.
<i>Gardenia augusta</i>	West Pacific		1		Hawaii.
<i>Gladiolus</i> hybrid	Japan		1		Hawaii.
<i>Hyacinthus orientalis</i> (common hyacinth)	do	1			Hawaii.
<i>Lilium longiflorum</i> (Easter lily)	do	1			Hawaii.
<i>L. medeoloides</i> (wheel lily) bulb	do			1	D.C.
<i>Lilium</i> sp.	do	1			Hawaii.
<i>Rosa</i> hybrid	do	2			Hawaii.
<i>Frankliniella intonsa</i> (Tryb.) (Thripidae):					
<i>Callistephus chinensis</i> (China aster)	France	1			N.Y.
<i>Calluna vulgaris</i> (heather) flowers	Germany	1			N.Y.
<i>Chrysanthemum</i> sp. (flowers)	England, Germany, unknown	3	1		N.Y., Pa.
<i>Dianthus caryophyllus</i> (carnation) flowers	Germany, Netherlands	3			Mass., N.Y.
Flowers—mixed	Norway, Denmark, England, France, Germany, Netherlands, Sweden, unknown	8	5		Mass., N.Y.
<i>Gladiolus</i> hybrid (flowers)	Germany	1			N.Y.
<i>Lactuca sativa</i> (lettuce)	Unknown		1		N.Y.
<i>Lathyrus odoratus</i> (sweetpea) flowers	Netherlands		1		N.Y.
Malvaceae (flowers)	France	1			N.Y.
Plants—unidentified	Netherlands			3	N.J.
<i>Rosa</i> hybrid (flowers)	Austria, England, Germany, Poland, Sweden, unknown	9	1	1	Mass., N.Y.
<i>Viola</i> sp. (violet) flowers	Belgium, France	2			N.Y.
<i>Zinnia</i> sp. (flowers)	England	1			Pa.
<i>Frankliniella schultzei</i> (Tryb.) (Thripidae):					
<i>Ornithogalum thyrsoides</i> (Cape chinkerichie)	Union of South Africa	2			N.Y.
<i>Frankliniella tenuicornis</i> (Uzel) (Thripidae):					
<i>Allium sativum</i> (garlic)	Italy	1			P.R.
<i>Oryza sativa</i> (rice) straw rope	Japan	1			Hawaii.
<i>Frankliniella tritici</i> (Fitch) (Thripidae):					
Flowers—mixed	France		1		Mass.
<i>Frankliniella williamsi</i> Hood (Thripidae):					
<i>Eryngium</i> sp.	Mexico	1			N.Y.
<i>Fundella pellucens</i> (Zell.) (Phycitidae):					
<i>Cajanus cajan</i> (pigeonpea)	Barbados, Haiti	2			N.Y.
<i>Gelechia ericetella</i> (Hbn.) (Gelechiidae):					
<i>Calluna vulgaris</i> (heather)	Scotland	2			N.Y.
<i>Geniocremnis chilensis</i> (Boh.) (Curculionidae):					
<i>Prunus domestica</i> (plum)	Chile	2			N.Y.
<i>Prunus persica nectarina</i> (nectarine)	do	1			N.Y.
<i>Geotomus pygmaeus</i> (Dall.) (Cydnidae):					
<i>Bixa orellana</i> (anatto tree) seeds	Guam	1			Hawaii.
<i>Gnaphalocrocis medinalis</i> (Guen.) (Pyraustidae):					
Airplane	Midway		1		Hawaii.
<i>Gnorimoschema gudmanella</i> (Wlsm.) (Gelechiidae):					
<i>Capsicum frutescens</i> (pepper)	Mexico	5			Ariz., Calif.
<i>Gnorimoschema ocellatella</i> (Boyd) (Gelechiidae):					
<i>Beta vulgaris</i> (beet)	France, Israel, United Arab Republic		3		N.Y., Pa., Tex.
Stores	Israel		1		N.Y.

Pests Collected and Reported From July 1, 1959, Through June 30, 1960—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Grapholita packardii</i> Zell. (Olethreutidae):					
<i>Cydonia oblonga</i> (quince)	Mexico	2			Tex.
<i>Pyrus communis</i> (pear)	do	1			Tex.
<i>Gynandrosoma aurantianum</i> Costa Lima (Olethreutidae):					
<i>Citrus sinensis</i> (sweet orange)	Curacao		1		N.Y.
<i>Gynaikothrips ficorum</i> (Marchal) (Phlaeothripidae):					
<i>Ficus religiosa</i> (botree fig)	Mexico			1	Ariz.
Soil on automobile fender	Cuba	1			Fla.
<i>Haplothrips aculeatus</i> (F.) (Phlaeothripidae):					
Plants—unidentified	Netherlands			1	N.J.
<i>Salix</i> sp. (willow) dwarf tree	Japan			1	Calif.*
<i>Haplothrips cottei</i> (Vuillet) (Phlaeothripidae):					
<i>Dianthus caryophyllus</i> (carnation)	Azores	1			Mass.
<i>Haplothrips dianthinus</i> Pr. (Phlaeothripidae):					
<i>Zinnia</i> sp. (flowers)	Unknown		1		N.Y.
<i>Haplothrips gowdeyi</i> (Frankl.) (Phlaeothripidae):					
<i>Agapanthus africanus</i> (African agapanthus)	Japan	1			Hawaii.
<i>Begonia</i> sp. (flowers)	Bermuda			1	N.Y.
<i>Canavalia</i> sp. (flowers)	Hawaii	1			Calif.*
<i>Chrysanthemum</i> sp.	Japan	2			Hawaii.
<i>Coffea</i> sp. (cuttings)	Guatemala	1			Fla.
<i>Dianthus caryophyllus</i> (carnation)	Japan	2			Hawaii.
Flowers—mixed	American Samoa, Belgium, Israel	3			Hawaii, N.Y.
<i>Nerium oleander</i> (oleander)	Bermuda	1			N.Y.
<i>Ornithogalum thyrsoides</i> (Cape chinkerichee)	Union of South Africa	1			N.Y.
<i>Haplothrips nigricornis</i> Bagn. (Phlaeothripidae):					
<i>Ornithogalum thyrsoides</i> (Cape chinkerichee) flowers	do	1			N.Y.
<i>Haplothrips tritici</i> (Kurdj.) (Phlaeothripidae):					
<i>Triticum aestivum</i> (wheat) spikes	Poland	1			N.Y.
<i>Helipus lauri</i> Boh. (Curculionidae):					
<i>Persea americana</i> (avocado) seed	Costa Rica		1		Calif.*
<i>Helicella caperata</i> (Montagu) (Helicellidae):					
<i>Carthamus tinctorius</i> (safflower) seed	Portugal			1	D.C.
Flowers—mixed	France	1			N.Y.
Military cargo	France, Morocco	5			Del., La., Va.
<i>Rubus</i> sp. (blackberry)	Ireland			1	N.Y.
<i>Helicella cespitum</i> (Draparnaud) (Helicellidae):					
Military cargo	Libya	1			S.C.
<i>Helicella conspurcata</i> (Draparnaud) (Helicellidae):					
<i>Brassica oleracea capitata</i> (cabbage)	Italy		1		N.Y.
<i>Helicella cretica</i> (Fer.) (Helicellidae):					
Military cargo	Greece	1			La.
<i>Helicella derbentina</i> (Andrezjowski) (Helicellidae):					
Military cargo	Turkey	3			N.Y., S.C.
<i>Helicella itala</i> (L.) (Helicellidae):					
Baggage	Italy	1			N.Y.
<i>Petroselinum crispum</i> (parsley)	do	1			N.Y.
<i>Helicella lornacensis</i> Kobelt (?) (Helicellidae):					
Military cargo	Greece	1			N.Y.
<i>Helicella maritima</i> (Draparnaud) (Helicellidae):					
Military cargo	France, Italy, Morocco	5			La., N.Y., S.C., Va.
Soil with <i>Chrysanthemum</i> sp. and <i>Dianthus</i> sp. plants	Greece			1	Mass.
<i>Helicella neglecta</i> (Draparnaud) (Helicellidae):					
Automobiles	France	1			La.
Cargo—general	do	1			La.
Military cargo	do	1			La.
<i>Helicella profuga</i> (Schmidt) (Helicellidae):					
Military cargo	Greece	1			La.
<i>Helicella pyramidata</i> (Draparnaud) (Helicellidae):					
<i>Lathyrus</i> sp. (seed)	Italy	1			N.Y.
Seed—unidentified	do			1	Mich.
<i>Helicella striata</i> (Müller) (?) (Helicellidae):					
<i>Capsicum frutescens grossum</i> (bell pepper)	Spain		1		N.Y.
Soil with <i>Commelina</i> sp. and <i>Lonicera</i> sp.	Greece			1	N.Y.

Pests Collected and Reported From July 1, 1959, Through June 30, 1960—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Helicella variabilis</i> (Draparnaud) (Helicellidae):					
Automobiles.....	France.....	1			Tex.
<i>Brassica oleracea capitata</i> (cabbage).....	Portugal.....		1		Fla.
Military cargo.....	France, Libya, Turkey.....	4			N.Y., S.C., Va.
<i>Lathyrus</i> sp. (seed).....	Italy.....	1			N.Y.
<i>Helicella virgata</i> DaCosta (Helicellidae):					
Military cargo.....	Spain.....	1			N.Y.
<i>Helicina zephyrina</i> Duclos (Helicinidae):					
<i>Chamaedorea elegans</i> (palm).....	Mexico.....	1			Tex.
<i>Helix aperta</i> Born (Helicidae):					
Baggage.....	Italy.....	1			N.Y.
<i>Brassica oleracea botrytis</i> (cauliflower).....	do.....		1		N.Y.
<i>B. oleracea capitata</i> (cabbage).....	do.....		1		N.Y.
<i>Helix aspersa</i> (Müller) (Helicidae):					
Automobile.....	Mexico.....		1		Tex.
Baggage.....	Italy.....	2			N.Y.
<i>Brassica oleracea capitata</i> (cabbage).....	Azores.....		1		N.Y.
Cactus.....	Mexico.....			1	N.Y.
<i>Citrus sinensis</i> (sweet orange).....	Azores.....		1		N.Y.
<i>Dianthus caryophyllus</i> (carnation).....	Italy.....	1			N.Y.
Herbs.....	do.....	1			N.Y.
<i>Lactuca sativa</i> (lettuce).....	Spain.....		2		N.Y.
Military cargo.....	France.....	4			La., Va.
None (brought as food).....	Italy.....	1			N.Y.
<i>Rosa</i> hybrid.....	Colombia.....		1		Fla.
<i>Sedum</i> sp.....	England.....		1		N.Y.
<i>Helix figulina</i> Parreyss (?) (Helicidae):					
<i>Brassica oleracea capitata</i> (cabbage).....	Israel.....	1			N.Y.
<i>Helix pomatia</i> L. (Helicidae):					
None (brought as food).....	France.....	1			N.Y.
Soil with <i>Viola</i> sp. (violet).....	Germany.....			1	N.Y.
<i>Helula undalis</i> (F.) (Pyraustidae):					
<i>Brassica rapa</i> (turnip).....	United Arab Republic.....		2		Md., Pa.
<i>Hemimene juliana</i> (Curt.) (Olethreutidae):					
<i>Castanea</i> sp. (chestnut).....	Italy.....	3			N.Y.
<i>Heterobostrychus aequalis</i> (Waterh.) (Bostrichidae):					
Wood (crate).....	India, Vietnam.....	2			Calif.*
<i>Heterobostrychus brunneus</i> (Murray) (Bostrichidae):					
<i>Zanthoxylum senegalense</i>	Nigeria.....	1			N.Y.
<i>Heterolermes convexinotatus</i> (Snyder) (Rhino-termitidae):					
Bromeliad.....	Mexico.....			2	Tex.
<i>Zamia</i> sp. (cycad).....	do.....			1	Tex.
<i>Hileithia decostalis</i> (Guen.) (Pyraustidae):					
<i>Monstera deliciosa</i>	do.....			1	Tex.
<i>Holcostethus vernalis</i> (Wolff) (Pentatomidae):					
Airplane.....	France.....	1			N.J.
<i>Homoegamia mexicana</i> (Burm.) (Polyphagidae):					
Orchid.....	Mexico.....			1	Tex.
<i>Hygromia hispida</i> (L.) (Helicellidae):					
Fern.....	Denmark.....			1	N.Y.
<i>Hylurgops palliatus</i> (Gyll.) (Scolytidae):					
<i>Pinus</i> sp. (pine) bark.....	Japan.....		1		Fla.
<i>Hypera nigristris</i> (F.) (Curculionidae):					
<i>Prunus persica</i> (peach).....	Unknown.....		1		N.Y.
<i>Hypera postica</i> (Gyll.) (Curculionidae):					
<i>Aucuba</i> sp.....	Netherlands.....			1	N.J.
<i>Hypoborus ficus</i> Er. (Scolytidae):					
<i>Ficus carica</i> (fig).....	Israel.....			1	N.Y.
<i>Ficus</i> sp.....	Yugoslavia.....			1	N.Y.
<i>Iridomyrmex iniquus</i> Mayr (Formicidae):					
Bromeliad.....	Mexico.....			4	Ariz.
<i>Iridomyrmex pilifer</i> Mayr (Formicidae):					
Orchid.....	Colombia.....			1	N.Y.
<i>Iridothrips iridis</i> (Wats.) (Thripidae):					
<i>Iris</i> sp.....	England.....			1	N.J.
<i>Kaloterms flavicollis</i> (F.) (Kalotermitidae):					
<i>Cydonia oblonga</i> (quince).....	Greece.....	1			Mass.
<i>Lamellaris gracilis</i> (Hutton) (?) (Achatinidae):					
Soil with ferns and palms.....	Ecuador.....			1	Fla.

Pests Collected and Reported From July 1, 1959, Through June 30, 1960—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Lamellaxis micra</i> (Orbligny) (Achatinidae):					
Herbs	Barbados	1			N.Y.
Orchid	British Honduras			1	Tex.
Soil	Dominican Republic	1			Fla.
Soil with palm plants	Bermuda		1		Fla.
Soil with unidentified plants	Cuba			1	Fla.
<i>Lampides boeticus</i> (L.) (Lycaenidae):					
<i>Canaralia</i> sp. (mauna loa) lei	Hawaii	21			Calif.,* Hawaii.
Legume	do	1			Calif.,*
<i>Pisum sativum</i> (pea)	Japan		3		Calif.,* Wash.
<i>Sesbania grandiflora</i>	Hawaii	1			Hawaii.
<i>Sesbania</i> sp.	do	1			Hawaii.
<i>Strongylodon lucidus</i>	do	1			Hawaii.
<i>Lamprolonchaea aurea</i> (Macq.) (Lonchaeidae):					
Airplane	do		1		Hawaii.
<i>Laspeyresia dorsana</i> (F.) (?) (Olethreutidae):					
<i>Phaseolus vulgaris</i> (bean)	Italy	1			N.Y.
<i>Laspeyresia faviora</i> Meyr. (Olethreutidae):					
<i>Phaseolus vulgaris</i> var. (string bean)	Ecuador		1		Fla.
<i>Laspeyresia splendana</i> (Hbn.) (Olethreutidae):					
Baggage (with <i>Lilium</i> sp. bulbs)	Italy	1			N.Y.
<i>Castanea sativa</i> (European chestnut)	do	1			N.Y.
<i>Castanea</i> sp. (chestnut)	Canary Islands, France, Germany, Israel, Italy, Portugal, Spain, Yugoslavia.	62	1		Ala., Mass., N.Y.
<i>Quercus</i> sp. (oak) acorn	France	1			La.
<i>Laspeyresia strobilella</i> (L.) (Olethreutidae):					
<i>Picea abies</i> (Norway spruce) cone	Switzerland	1			N.Y.
<i>Picea</i> sp. (spruce) cone	England				N.Y.
<i>Lema erichsoni</i> Suffr. (Chrysomelidae):					
<i>Dahlia</i> hybrid (flower)	Germany	1			N.Y.
<i>Lema melanopa</i> L. (Chrysomelidae):					
<i>Convallaria majalis</i> (lily-of-the-valley)	Denmark			1	N.Y.
<i>Rosa</i> hybrid	England			1	N.J.
<i>Lepidosaphes philococcus</i> (Ckll.) (Coccidae):					
Cactus	Mexico			1	Tex.
<i>Lepidosaphes pini</i> (Mask.) (Coccidae):					
<i>Pinus</i> sp. (pine) needles	Japan		2		Calif.*
<i>Lepidosaphes tokionis</i> (Kuw.) (Coccidae):					
<i>Codiaeum variegatum</i> (variegated codiaeum)	Hawaii	1	1	1	Calif.*
<i>Lepidosaphes tuberculata</i> Mal. (Coccidae):					
<i>Cymbidium suave</i> (orchid)	Australia			1	Calif.*
<i>Cymbidium</i> vars.	Japan, New Zealand			4	Calif.*
<i>Leptoglossus chilensis</i> (Spin.) (Coreidae):					
<i>Vitis</i> sp. (grape)	Chile	38			N.Y.
<i>Leucania loreyi</i> (Dup.) (Noctuidae):					
Packing with <i>Lilium</i> sp. bulbs	Japan			1	Oreg.
<i>Leucinodes orbonalis</i> Guen. (Pyraustidae):					
<i>Solanum melongena</i> (eggplant)	Indonesia		1		Mass.
<i>Solanum</i> sp.	Liberia	1			N.Y.
<i>Leucoptera coffeella</i> G.-M. (Lyonetiidae):					
<i>Coffea</i> sp. (coffee) leaf	Brazil, Costa Rica	3			Fla.
<i>Ligyrocotis aurivilliana</i> (Dist.) (Lygaeidae):					
<i>Cucumis melo cantalupensis</i> (cantaloupe)	Mexico	1			Tex.
<i>Limothrips denticornis</i> (Hal.) (Thripidae):					
<i>Dianthus</i> sp.	Hungary	1			N.Y.
Soil with unidentified grass	Germany			1	N.Y.
Soil with <i>Petroselinum crispum</i> (parsley)	Unknown		1		N.Y.
Soil with <i>Picea</i> sp. (spruce)	Germany	1			Mass.
<i>Listroderes subcinctus</i> (Boh.) (Curculionidae):					
<i>Prunus domestica</i> (plum)	Chile	1			N.Y.
<i>Vitis</i> sp. (grape)	do	1			N.Y.
<i>Lobesia botrana</i> (Schiff.) (Olethreutidae):					
<i>Vitis</i> sp. (grape)	Italy, United Arab Republic.	5			N.Y.
<i>Lyctus africanus</i> Lesne (Lyctidae):					
Roots—unidentified	China	1			Mich.

Pests Collected and Reported From July 1, 1959, Through June 30, 1960—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Lyctus brunneus</i> (Steph.) (Lyctidae):					
Airplane	El Salvador, Jamaica		2		Fla.
Mail parcel	Hawaii	1			Hawaii.
Plywood—unidentified	Unknown	1			Mass.
<i>Lygaeus albo-ornatus</i> Blanch. (Lygaeidae):					
<i>Allium cepa</i> (onion)	Chile	1			N.Y.
<i>Lygus lineolaris</i> (P. deB.) (Miridae):					
Beta sp.	Mexico	1			Ariz.
<i>Chrysanthemum</i> sp.	do	2			Ariz.
<i>Lygus rugulipennis</i> Poppius (Miridae):					
<i>Lactuca sativa</i> (lettuce)	England		1		Mich.
Plants—unidentified	England, Netherlands			9	N.J., Wash.
<i>Macroscytus japonensis</i> Scott (Cydnididae):					
Airplane	Japan		1		Wash.
<i>Mamestra brassicae</i> (L.) (Noctuidae):					
<i>Brassica chinensis</i> (Chinese cabbage)	do		1		Ga.
<i>B. oleracea botrytis</i> (cauliflower)	Belgium, France, Germany, Italy.		6		Ga., N.Y., Tex.
<i>B. oleracea capitata</i> (cabbage)	Italy		1		N.Y.
<i>Lactuca sativa</i> (lettuce)	France		1		N.Y.
<i>Maruca testulalis</i> (Geyer) (Pyraustidae):					
Baggage	Hong Kong			1	Hawaii.
<i>Cajanus cajan</i> (pigeonpea)	Puerto Rico	2			Ill., P.R.
<i>Canavalia microcarpa</i>	Hawaii	2			Hawaii.
<i>Canavalia</i> sp. (mauna loa) lei	do	11			Calif., Hawaii.
Legume (flower)	do	1			Calif.*
<i>Phaseolus lunatus macrocarpus</i> (lima bean)	Puerto Rico	1			Ill.
<i>P. vulgaris</i> (bean)	do	2			Ill., P.R.
<i>P. vulgaris</i> var. (string bean)	do	2			Ill., P.R.
<i>Sesbania grandiflora</i> (flowers)	Hawaii	3			Hawaii.
<i>Strongylodon lucidus</i>	do	1			Hawaii.
<i>Strongylodon</i> sp.	do	1			Hawaii.
<i>Megacerus alternatus</i> Bridw. (Bruchidae):					
<i>Ipomoea pes-caprae</i> (soilbind morningglory)	do	1			Hawaii.
<i>Ipomoea</i> sp. (seed)	do	1			Calif.*
<i>Megacyllene spinifera</i> (Newn.) (Cerambycidae):					
Log	Argentina	1			N.Y.
<i>Megasoma elephas</i> (Fab.) (Scarabaeidae):					
Airplane	Panama		1		Fla.
<i>Megastigmus limoni</i> (Grlt.) (Torymidae):					
<i>Eremocitrus glauca</i> (desertlime) seed	Australia			1	D.C.
<i>Megastigmus strobilobius</i> Ratz. (Torymidae):					
<i>Picea abies</i> (Norway spruce) seed	Germany			1	N.J.
<i>Megastigmus tsugaphilus</i> Kamijo (Torymidae):					
<i>Tsuga sieboldii</i> (Siebold hemlock) seed	Japan			1	N.J.
<i>Melanoxanthus melanocephalus</i> (F.) (Elatерidae):					
<i>Vanda</i> hybrid (orchid) flower	Hawaii	1			Hawaii.
<i>Metamasius hemipterus hemipterus</i> (L.) (Curculionidae):					
<i>Cajanus cajan</i> (pigeonpea)	Puerto Rico	1			P.R.
<i>Metamasius hemipterus sericeus</i> (Ol.) (Curculionidae):					
<i>Ananas comosus</i> (pineapple)	Cuba	1			Fla.
<i>Musa paradisiaca sapientum</i> (banana)	Colombia, Ecuador, Panama.	61			Fla., La., N.Y., Pa., S.C., Tex.
<i>Metanema ategua</i> (Druce) (Geometridae):					
Airplane	Central America (country(?)).		1		Fla.
<i>Metopoplax ditomoides</i> (Costa) (Lygaeidae):					
Compositae (head)	Morocco	1			N.J.
<i>Miccotrogus picirostris</i> (F.) (Curculionidae):					
<i>Juniperus</i> sp. (juniper)	England			1	N.Y.
<i>Micrapate labialis</i> Lesne (Bostrichidae):					
Wood—unidentified	Mexico	1			N.Y.
<i>Micrelus ericae</i> (Gyll.) (Curculionidae):					
<i>Calluna vulgaris</i> (heather)	Scotland		5		Mass.
<i>Mirperus ferrugineus</i> Stal (Coreidae):					
Airplane	Philippines		1		Hawaii.

Pests Collected and Reported From July 1, 1959, Through June 30, 1960—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of inter- ceptions in—			Collected in—
		Consump- tion	Nonentry	Propaga- tion	
<i>Monacha carthusiana</i> (Müller) (Helicellidae):					
Military cargo	France	1			Del.
<i>Rosa</i> hybrid	do	1			N.Y.
<i>Monomorium destructor</i> (Jerd.) (Formicidae):					
<i>Cajanus cajan</i> (pigeonpea)	Jamaica	1			N.Y.
<i>Citrus sinensis</i> (sweet orange)	Vietnam	1			Hawaii.
Food	Philippines	1			Hawaii.
Herbs	Dominican Republic	1			Fla.
Orchid	Jamaica			1	Fla.
Soil with automobile	Germany(?)	1			Fla.
<i>Moodna bisinuella</i> Hamp. (?) (Phycitidae):					
<i>Zea mays</i> (corn)	Mexico	1			Tex.
<i>Mordellistena cattlejana</i> Champ. (Mordellidae):					
<i>Cattleya</i> sp. (orchid)	Brazil			1	Fla.
<i>Morganella longispina</i> (Morg.) (Coccidae):					
<i>Citrus aurantium</i> (sour orange)	Japan		1		Calif.*
<i>C. paradisi</i> (pomelo)	Tahiti	1			Calif.*
<i>C. reticulata</i> (Mandarin orange)	Japan		3		Calif.*
<i>C. sinensis</i> (sweet orange)	do		1		Calif.*
<i>Macadamia ternifolia</i> (Queenslandnut macadamia) nut.	Hawaii	1			Calif.*
<i>Myelobia smerintha</i> (Hbn.) (Galleriidae):					
Bamboo	Mexico	1			Tex.
<i>Myzus ascalonicus</i> Donc. (Aphidae):					
<i>Chrysanthemum</i> sp.	Netherlands			1	N.Y.
<i>Lactuca sativa</i> (lettuce)	Unknown	3			N.Y.
<i>Nasutitermes corniger</i> (Motsch.) (Termitidae):					
Bark	Panama	1			Fla.
<i>Nasutitermes costalis</i> (Holmgr.) (Termitidae):					
Aquatic plants	Cuba			2	Fla., N.Y.
<i>Cabomba</i> sp.	do			1	N.Y.
Mail	Puerto Rico	1			Ill.
<i>Naupactus xanthographus</i> (Germ.) (Curculioni- dae):					
<i>Vitis</i> sp. (grape)	Chile	1			N.Y.
<i>Neodryocoetes caribaeus</i> Blkm. (Scolytidae):					
<i>Hymenaea courbaril</i> (pod)	Jamaica	1			Fla.
<i>Neodryocoetes hubbardi</i> Blkm. (Scolytidae):					
<i>Mucuna</i> sp., probably <i>urens</i> (pod)	Cuba			1	Fla.
<i>Neoleucinodes elegantalis</i> (Guen.) (Pyraustidae):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	5			Tex.
<i>Solanum</i> sp.	Colombia	1			N.Y.
<i>Neolobophora inopinata</i> (Burr) (Forficulidae):					
Orchid	Mexico			1	Calif.*
<i>Nephotettix bipunctatus</i> (F.) (Cicadellidae):					
Airplane	Guam		1		Hawaii.
<i>Nezara antennata</i> Scott (Pentatomidae):					
<i>Brassica chinensis</i> (Chinese cabbage)	Japan		1		Wash.
<i>Nipponaclerda biwakoensis</i> (Kuw.) (Coccidae):					
<i>Phragmites</i> sp. (reed)	do		1		Calif.*
<i>Nomophila noctuella</i> (D. & S.) (Pyraustidae):					
Airplane	Japan, Wake Island(?)		5		Hawaii.
<i>Nysius clevelandensis</i> Evans (Lygaeidae):					
Stores	Australia		1		Hawaii.
<i>Nysius terrestris</i> Usinger (Lygaeidae):					
<i>Vanda joaquimiae</i> (orchid) flowers	Hawaii	1			Hawaii.
<i>Ogdoecosta biannularis</i> (Boh.) (Chrysomelidae):					
Bromeliad	Mexico			1	Tex.
<i>Ogdoecosta catenulata</i> (Boh.) (Chrysomelidae):					
<i>Chamaedorea oblongata</i> (palm)	do	1			Tex.
<i>Oligonychus perditus</i> P. & B. (Tetranychidae):					
<i>Juniperus</i> sp.	Japan			1	Hawaii.
<i>Oopsis mutator</i> (Fab.) (Cerambycidae):					
<i>Hibiscus</i> sp.	Hawaii	1			Hawaii.
<i>Opeas pumila</i> (Pfeiffer) (Achatinidae):					
Orchid	British Honduras			1	Tex.
<i>Opeas pyrgula</i> Schmacker & Boettger (Achatini- dae):					
<i>Iris</i> spp.	Japan		1		Hawaii.
Soil with plants	Bermuda			1	N.Y.
<i>Opbraea maculicollis</i> Blake (Chrysomelidae):					
Orchid	Mexico			1	Calif.*

Pests Collected and Reported From July 1, 1959, Through June 30, 1960—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of inter-ceptions in—			Collected in—
		Consump- tion	Nonentry	Propaga- tion	
<i>Opogona purpuricollis</i> Sw. (Tineidae):	Hawaii	1			Hawaii.
<i>Zingiber officinale</i> (ginger)					
<i>Opogona sacchari</i> (Bojer) (Tineidae):	Union of South Africa			1	N.J.
Cycad	Azores			1	Mass.
<i>Dahlia</i> hybrid	do	1			Mass.
<i>Musa paradisica sapientum</i> (banana)	Cape Verde Islands	1			N.Y.
<i>Saccharum officinarum</i> (sugarcane)	Azores	1			N.Y.
Soil with <i>Allium sativum</i> (garlic) and <i>Colocasia esculenta</i> (dasheen).					
<i>Orchidophilus aterrimus</i> (Waterh.) (Curculionidae):					
<i>Epidendrum</i> sp. (orchid) flowers	Hawaii	1			Hawaii.
<i>Vanda joaquimiae</i> (orchid) flowers	do	5			Hawaii.
<i>Vanda</i> hybrid	do	1			Hawaii.
<i>Vanda</i> sp.	do	9			Hawaii.
<i>Organothrips bianchii</i> Hood (Thripidae):					
<i>Colocasia</i> sp.	American Samoa			1	Hawaii.
<i>Orthops cervinus</i> (H.-S.) (Miridae):					
<i>Chrysanthemum</i> sp. (flowers)	England		1		N.Y.
<i>Orthotylus ericetorum</i> (Fall.) (Miridae):					
<i>Calluna vulgaris</i> (heather)	Scotland	1			N.Y.
<i>Otala lactea</i> (Muller) (Helicidae):					
<i>Apium graveolens</i> (celery)	Italy		1		N.Y.
<i>Brassica oleracea botrytis</i> (cauliflower)	do		2		N.Y.
Debris	Morocco		1		Ohio.
Military cargo	do	1			S.C.
<i>Otala vermiculata</i> (Muller) (Helicidae):					
<i>Citrus limon</i> (lemon)	do		1		N.Y.
<i>Lactuca sativa</i> (lettuce)	Italy		1		N.Y.
Military cargo	Greece, Italy, Morocco	7			La., N.Y., S.C.
None (brought as food)	Italy	1			N.Y.
<i>Otosema odorata</i> (L.) (Noctuidae):					
Airplane	Hawaii		1		Hawaii.
<i>Ozya velox</i> (F.) (Acrididae):					
Airplane	Formosa(?)		1		Hawaii.
<i>Oryzocarenum hyalinipennis</i> (Costa) (Lygaeidae):					
<i>Zinnia</i> sp. (flowers)	Unknown		1		N.Y.
<i>Oryzocarenum rufiventris</i> (Germ.) (Lygaeidae):					
Cargo (with <i>Prunus persica</i>)	Union of South Africa	1			N.Y.
<i>Oxydema fusiforme</i> Woll. (Curculionidae):					
<i>Cordylone terminalis</i> (ti)	Hawaii	1		1	Hawaii.
Mail parcel	do	2			Hawaii.
Orchid (flowers)	do	1			Hawaii.
<i>Pachybrachius nigriceps</i> (Dallas) (Lygaeidae):					
Airplane	Fiji Islands, Wake Island(?)		2		Hawaii.
<i>Pagiocerus fiorii</i> (Egg.) (Scolytidae):					
<i>Zea mays</i> (corn)	Ecuador, Peru	4			Fla., N.Y.
<i>Palaeopus costicollis</i> Mshl. (Curculionidae):					
<i>Dioscorea alata</i> (winged yam)	Jamaica	1			Pa.
<i>Dioscorea</i> sp.	do	4			Fla., N.Y.
<i>Palpita unionalis</i> (Hbn.) (Pyraustidae):					
<i>Jasminum</i> sp. (flowers)	France	1			N.Y.
<i>Pangaeus rugiceps</i> Horvath (Pentatomidae):					
<i>Epidendrum</i> sp. (orchid)	Guatemala		1		N.J.
<i>Parisotrochus flavolimbatus</i> Champ. (Curculionidae):					
<i>Chamaedorea oblongata</i> (palm)	Mexico	5			Tex.
<i>Parlatoria cinerea</i> Hadden (Coccidae):					
<i>Citrus aurantifolia</i> (lime)	Brazil		1		Calif.*
<i>C. limon</i> (lemon)	do		2		Calif.*
<i>C. sinensis</i> (sweet orange)	Brazil, unknown	1	13		Calif.*
<i>Parlatoria crotonis</i> Dougl. (Coccidae):					
<i>Codiaeum variegatum</i> (variegated codiaeum)	Hawaii	1			Calif.*
<i>Parlatoria zizyphus</i> (Lucas) (Coccidae):					
<i>Citrus aurantifolia</i> (lime)	Philippines, Singapore, Tahiti.	1	2		Calif.*
<i>C. grandis</i> (pummelo)	Formosa, Hong Kong, Japan.		8		Calif.*
<i>C. limon</i> (lemon)	Italy		5		Calif.*

Pests Collected and Reported From July 1, 1959, Through June 30, 1960—Continued

[An asterisk indicates State inspection.]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Parlatoria zizyphus</i> —Continued					
<i>C. paradisi</i> (grapefruit and pomelo).....	Hawaii, Hong Kong, Italy, Spain.		4		Calif.*
<i>C. reticulata</i> (Mandarin orange).....	Formosa, Japan, Philippines.	2	1		Calif.* Hawaii.
<i>C. sinensis</i> (sweet orange).....	Formosa, Japan, Spain, unknown.	1	9		Calif.*
<i>Fortunella</i> sp. (kumquat).....	Unknown.	1			Calif.*
<i>Pealius azaleae</i> (B. & M.) (Aleyrodidae):					
<i>Rhododendron</i> sp. (azalea) leaf.....	England			2	N.J., N.Y.
<i>Pectinophora gossypiella</i> (Saund.) (Gelechiidae):					
<i>Gossypium barbadense</i> (cotton; boll).....	Hawaii	1			Hawaii.
<i>Gossypium</i> sp. (cotton; boll).....	do	2			Hawaii.
<i>Gossypium</i> sp. (cotton; leaf).....	Jamaica	1			N.Y.
<i>Gossypium</i> sp. (cottonseed).....	Dominican Republic, Hawaii, Mexico.	3		3	D.C., Fla., Hawaii, Tex.
<i>Gossypium</i> sp. (seed cotton).....	Mexico	2	1		Tex.
<i>Hibiscus esculentus</i> (okra).....	Brazil, Dominican Republic.	1	1		P.R., Tex.
<i>Perkinsiella vitiensis</i> Kirk. (Delphacidae):					
Airplane.....	Fiji Islands		1		Hawaii.
<i>Petrova resinella</i> (L.) (Olethreutidae):					
<i>Pinus sylvestris</i> (Scotch pine).....	Union of Soviet Socialist Republics.			1	D.C.
<i>Petrusa epilepsis</i> (Kirk.) (Flatidae):					
Quarters.....	Bahamas		1		Fla.
<i>Phalonia zephyrana</i> (Treit.) (Phalonidae):					
<i>Daucus carota sativa</i> (carrot).....	Italy		4		N.C., Pa.
<i>Pheidole megacephala</i> (F.) (Formicidae):					
Airplane.....	Japan(?)		1		Hawaii.
<i>Ananas comosus</i> (pineapple).....	Puerto Rico		1		Pa.
Aquatic plants.....	Cuba			3	Fla., N.Y.
<i>Cabomba caroliniana</i> (Carolina fanwort).....	do			3	Fla.
<i>Cocos nucifera</i> (coconut).....	Hawaii	1			Hawaii.
<i>Coix lacryma-jobi</i> (Jobs-tears).....	American Samoa	1			Hawaii.
<i>Colocasia antiquorum</i> (taro).....	do	1			Hawaii.
Coral.....	Bermuda	1			N.Y.
Cuttings—unidentified.....	do			1	N.Y.
Cycad.....	Okinawa			1	Hawaii.
<i>Dahlia</i> hybrid (flowers).....	Bermuda	1			N.Y.
<i>Mentha</i> sp. (mint).....	Puerto Rico	1			Ill.
Mollusks.....	Hawaii	1			Hawaii.
<i>Nerium oleander</i>	Bermuda	1			N.Y.
Orchid.....	Costa Rica			1	Hawaii.
<i>Plumeria</i> sp. (lel).....	American Samoa	1			Hawaii.
<i>Saccharum officinarum</i> (sugarcane).....	Cuba			1	Fla.
<i>Sesbania</i> sp. (flowers).....	Hawaii	1			Hawaii.
<i>Sesuvium portulacastrum</i>	American Samoa			1	Hawaii.
Soil with automobile.....	Cuba	2			Fla.
Soil with <i>Mentha</i> sp. (mint).....	Haiti			1	N.Y.
<i>Phelypera distigma</i> Boh. (Curculionidae):					
Bromeliad.....	Mexico			1	Tex.
Orchid.....	do			5	Tex.
<i>Phenacaspis dendrobii</i> Kuw. (Coccidae):					
Orchid.....	Indonesia			1	D.C.
<i>Phenacoccus hirsutus</i> Green (Coccidae):					
<i>Annona squamosa</i> (sweetsop).....	Philippines	1			Hawaii.
<i>Phlegyas annulicrus</i> Stal (Lygaeidae):					
Wood (crate for pottery).....	Mexico	1			Ariz.
<i>Phloeotribus scarabaeoides</i> (Bern.) (Scolytidae):					
<i>Olea europaea</i> (olive) wooden plaques.....	Israel	2			N.Y.
<i>Phylctinus callosus</i> Boh. (Curculionidae):					
<i>Vitis</i> sp. (grape).....	Union of South Africa	6			N.Y.
<i>Phurys immutis</i> Guen. (Noctuidae):					
Airplane.....	Cuba		1		Fla.
<i>Phyllocnistis citrella</i> Staint. (?) (Gracilariidae):					
<i>Citrus</i> sp.....	Thailand	1			Hawaii.
<i>Physonota alutacea</i> Boh. (Chrysomelidae):					
Bromeliad.....	Mexico			1	Tex.

Pests Collected and Reported From July 1, 1959, Through June 30, 1960—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of inter-ceptions in—			Collected in—
		Consump- tion	Nonentry	Propaga- tion	
<i>Phytomyza rufipes</i> Meig. (Agromyzidae):					
<i>Allium porrum</i> (leek)	Belgium		1		S.C.
<i>C. intybus</i> (chicory)	England, Germany, Ireland, Netherlands, Northern Ireland,		10		N.Y., Pa.
<i>Brassica oleracea botrytis</i> (cauliflower)	Belgium, England, Italy				
<i>B. oleracea capitata</i> (cabbage)			4		N.Y., Pa., Tex.
<i>Cichorium endivia</i> (endive)	Belgium	14			Mass., N.Y.
<i>C. intybus</i> (chicory)	do	1			N.Y.
<i>Raphanus sativus</i> (radish)	Denmark, Sweden		2		N.Y.
<i>Pieris brassicae</i> (L.) (Pieridae):					
<i>Brassica oleracea botrytis</i> (cauliflower)	Azores, Italy		2		N.Y.
<i>B. oleracea capitata</i> (cabbage)	Azores, France		2		N.Y.
Cargo (with wooden crates)	Spain	1			N.J.
<i>Pieris rapae crucivora</i> Bdv. (Pieridae):					
Airplane	Japan		1		Hawaii.
<i>Pinnaspis buzi</i> (Bouché) (Coccidae):					
<i>Dendrobium</i> sp. (orchid)	Australia			1	Calif.*
<i>Pinnaspis orchidarum</i> (Ferris) (Coccidae):					
<i>Vanda</i> 'Deborah' (orchid)	Singapore			1	Hawaii.
<i>Plagioderma congesta</i> Stal (Chrysomelidae):					
Orchid	Mexico			1	Tex.
<i>Plagiognathus albipennis</i> (Fallén) (Miridae):					
<i>Lactuca sativa</i> (lettuce)	Unknown		1		N.Y.
<i>Planococcus dorsospinosus</i> Ezzat & McConnell (Coccidae):					
<i>Litchi chinensis</i> (lychee) stem	Japan	1			Hawaii.
<i>Platoceticus symmetrica</i> Dyar (Psychidae):					
<i>Ananas comosus</i> (pineapple)	Mexico	1			Tex.
<i>Platycaenus humilis</i> (Hislop-Sailer) (Pentatomidae):					
Cargo (with <i>Musa paradisica sapientum</i>)	Ecuador	1			La.
<i>Platypus rugulosus</i> Chap. (Platypodidae):					
Airplane	Panama		1		Fla.
<i>Nectandra rodiei</i> (log)	British Guiana	1			Tex.
<i>Prioria coprifera</i> (cative) log	Colombia	3			Ga.
<i>Phusia chalcites</i> (Esp.) (Noctuidae):					
<i>Kalanchoe calycinum</i>	Hawaii	1			Hawaii.
<i>Lactuca sativa</i> (lettuce)	New Zealand		1		Hawaii.
Orchid	Australia	1			N.Y.
<i>Vanda</i> hybrid (orchids) flowers	Hawaii	1			Hawaii.
<i>Podagrica fuscicornis</i> (L.) (Chrysomelidae):					
Soil	Rumania	1			N.Y.
<i>Pocillips persicae</i> (Hopk.) (Scolytidae):					
<i>Eugenia malaccensis</i>	Hawaii			1	Hawaii.
<i>Polytus mellerborgii</i> (Boh.) (Curculionidae):					
<i>Musa acuminata</i>	Philippines			1	D.C.
<i>Porphyrobaphe iostoma</i> (Sowerby) (Bulimulidae):					
<i>Musa paradisica sapientum</i> (banana)	Ecuador, Honduras	23			La., Md., N.Y., Vt.
<i>Prays fulvocanellus</i> Wlghm. (Hyponomeutidae):					
<i>Pelea anisata</i> (pod)	Hawaii	1			Hawaii.
<i>Prays oleellus</i> (F.) (Hyponomeutidae):					
<i>Olea europaea</i> (olive)	Italy	3			N.Y.
<i>Prosopodonta balyi</i> Weise (Chrysomelidae):					
Orchid	Costa Rica			1	Hawaii.
<i>Pseudaonidia clavigera</i> (Ckll.) (Coccidae):					
<i>Gardenia augusta</i>	Hawaii	1			Calif.*
<i>Gardenia</i> sp.	do			1	Calif.*
<i>Macadamia</i> sp. (bark)	Australia			1	Calif.*
<i>Pseudaonidia paeoniae</i> (Ckll.) (Coccidae):					
<i>Eurya emarginata microphylla</i>	Japan			1	D.C.
<i>Pseudaonidia trilobitiformis</i> (Green) (Coccidae):					
<i>Citrus aurantifolia</i> (lime)	Brazil		3		Calif.*
<i>C. limon</i> (lemon)	do		6		Calif.*
<i>C. sinensis</i> (sweet orange)	do		1		Calif.*
<i>Mangifera indica</i> (mango)	Colombia	1			Calif.*
<i>Pseudischiaspis longissima</i> (Ckll.) (Coccidae):					
<i>Mangifera indica</i> (mango)	Nicaragua	1	1		Calif.*
<i>Pseudococcus citricus</i> (Ezzat & McConnell) (Coccidae):					
<i>Citrus sinensis</i> (sweet orange)	Spain		1		N.J.

Pests Collected and Reported From July 1, 1959, Through June 30, 1960—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Pseudococcus halli</i> (Ezzat & McConnell) (Coccidae):					
<i>Dioscorea</i> sp. (yam)	British Guiana	1			N.Y.
<i>Pseudococcus neobrevipes</i> (Beardsley) (Coccidae):					
Bromeliad	Jamaica			1	Fla.
<i>Pseudococcus palmarum</i> (Ehrh.) (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Hawaii	3		1	Calif.,* Hawaii.
<i>Pseudococcus pini</i> (Kuw.) (Coccidae):					
<i>Pinus</i> sp. (2-needle pine)	Japan			1	Hawaii.
<i>Psylla rhododendri</i> Puton (Psyllidae):					
Rhododendron sp.	Switzerland	2			Ill., N.Y.
<i>Puto mexicanus</i> (Ckll.) (Coccidae):					
<i>Dianthus</i> sp.	Mexico			1	Tex.
<i>Stanhopea</i> sp. (orchid)	do			1	Tex.
<i>Tillandsia usneoides</i> (Spanish moss)	do	1			Tex.
<i>Puto ulter Ferris</i> (Coccidae):					
<i>Laelia anceps</i> (orchid)	do			1	Calif.*
<i>Oncidium incurvum</i> (orchid)	do			1	Calif.*
Orchid	Guatemala			3	Fla.
<i>Pyrausta nubilalis</i> (Hbn.) (Pyraustidae):					
Airplane	Kwajalein(?), Wake Island(?), West Pacific.		3		Hawaii.
Baggage (with <i>Prunus persica</i>)	Italy	1			N.Y.
<i>Capsicum frutescens</i> (pepper)	Italy, Portugal	1	1		N.Y.
<i>Dahlia</i> hybrid	Japan	1			Hawaii.
<i>Phaseolus vulgaris</i> var. (string beans)	do		2		Wash.
<i>Solanum melongena</i> (eggplant)	Italy		1		N.Y.
<i>Sorghum vulgare technicum</i> (broomcorn)	Italy, Japan	2			Calif.,* N.Y.
<i>Zea mays</i> (corn)	Italy	1			N.Y.
<i>Rhagoletis cerasi</i> (L.) (Tephritidae):					
<i>Prunus</i> sp. (cherry)	Czechoslovakia, Denmark, France, Hungary, Italy, unknown.	14	6		Calif.,* Mass., N.Y., Tex.
<i>Rhagoletis cerasi</i> (L.) (?) (Tephritidae):					
<i>Prunus</i> sp. (cherry)	Germany, Italy, unknown.	2	1		N.Y.
<i>Ribua innozia</i> Hein. (Phycitidae):					
<i>Ananas comosus</i> (pineapple)	Cuba	17			Fla., La., N.Y.
<i>Ripersiella cacticans</i> Hambleton (Coccidae):					
Cactus	Switzerland			1	N.Y.
<i>Rotruda mucidella olivaceella</i> (Rag.) (Phycitidae):					
Plant—unidentified	Bahamas			1	Fla.
<i>Rumina decollata</i> (L.) (Achatinidae):					
Orchid	Mexico			1	Tex.
<i>Schoenobius incertulus</i> (Wlk.) (Schoenobiidae):					
Airplane	West Pacific		1		Hawaii.
<i>Sehirus sezmaculatus</i> Rambur (Pentatomidae):					
Forest litter with <i>Ficus carica</i> cutting	Italy			1	N.Y.
<i>Selenothrips rubrocinctus</i> (Giard) (Thripidae):					
<i>Bixa orellana</i> (anatto tree)	Hawaii	1			Hawaii.
<i>Codiaeum</i> sp.	do	2			Hawaii.
<i>Nephelium lappaceum</i> (rambutan)	Tahiti	1			Hawaii.
<i>Petroselinum crispum</i> (parsley)	Japan		1		Hawaii.
<i>Sesamia cretica</i> Led. (Noctuidae):					
<i>Sorghum vulgare technicum</i> (broomcorn)	Italy	1			S.C.
<i>Zea mays</i> (corn) stalk	do	1			Md.
<i>Sinozylon anale</i> Lesne (Bostrichidae):					
Wood—unidentified	India, Pakistan	2	1		Mass., N.Y., Minn.
<i>Sinozylon conigerum</i> Gerst. (Bostrichidae):					
Wood (crate)	India	3			Calif.,* Oreg.
<i>Siphanta acuta</i> (Wlk.) (Flutidae):					
<i>Cordylus terminalis</i> (ti)	Hawaii			1	Hawaii.
Flowers	do	1			Hawaii.
<i>Vanda</i> sp. (orchid)	do	1		1	Hawaii.
<i>Sitona lineata</i> (L.) (?) (Curculionidae):					
Mollusks	Morocco	1			N.J.
<i>Smerinthus ocellata</i> (L.) (Sphingidae):					
<i>Convallaria majalis</i> (lily-of-the-valley)	Denmark			1	N.J.

Pests Collected and Reported From July 1, 1959, Through June 30, 1960—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Solaropsis monile</i> (Broderip) (Camaenidae): <i>Musa paradisiaca sapientum</i> (banana)-----	Costa Rica, Ecuador--	10	-----	-----	Calif., * Fla., La., N.Y., S.C.
<i>Sphenarches caffer</i> (Zell.) (Pterophoridae): <i>Cajanus cajan</i> (pigeonpea)-----	Barbados, Haiti-----	2	-----	-----	N.Y.
<i>Spodoptera mauritia</i> (Bdv.) (Noctuidae): Airplane-----	Japan-----	-----	1	-----	Hawaii.
Baggage-----	Hawaii-----	1	-----	-----	Hawaii.
<i>Spodoptera mauritia acronyctoides</i> (Guen.) (Noctuidae): Airplane-----	Japan, South Pacific-----	-----	3	-----	Hawaii.
Automobile-----	Hawaii-----	1	-----	-----	Hawaii.
Mail parcel-----	do-----	1	-----	-----	Hawaii.
<i>Spodoptera pecten</i> Guen. (?) (Noctuidae): Airplane-----	Unknown-----	-----	1	-----	Hawaii.
<i>Spondylis buprestoides</i> L. (Cerambycidae): Excelsior (packing with dishes)-----	Germany-----	1	-----	-----	N.Y.
<i>Stenotarsonemus laticaps</i> (Halb.) (Tarsonemidae): <i>Narcissus</i> 'Lanarth'-----	England-----	-----	-----	1	N.J.
<i>Narcissus</i> sp.-----	England, Ireland, Netherlands-----	-----	-----	5	N.J., N.Y.
<i>Stenomoma catenifer</i> Wlsm. (Stenomidae): <i>Persea americana</i> (avocado)-----	Colombia, Ecuador, El Salvador, Guatemala, Honduras, Mexico, Venezuela-----	20	4	-----	Fla., N.Y., Tex.
<i>Stenoptilia stigmatodactyla</i> Zell. (Pterophoridae): <i>Gentiana</i> sp. (flowers)-----	France, Switzerland-----	2	-----	-----	N.Y.
<i>Stephanoderes hampei</i> (Ferr.) (Scolytidae): <i>Coffea</i> sp-----	Brazil-----	2	-----	-----	La.
<i>Sternonchetus mangiferae</i> (F.) (Curculionidae): <i>Mangifera indica</i> (mango)-----	Australia, French Equatorial Africa, Guam, Hawaii, India, unknown-----	83	5	5	Calif., * Hawaii, Mass., N.Y., Pa.
<i>Stictoptera subobliqua</i> Wlk. (Noctuidae): Airplane-----	Japan-----	-----	1	-----	Hawaii.
<i>Subulina octona</i> (Bruguiere) (Achatinidae): <i>Broughtonia</i> sp. (orchid)-----	Jamaica-----	-----	-----	1	Fla.
Orchid-----	Mexico-----	-----	-----	4	Tex.
Soil with <i>Kalanchoe</i> sp. plant-----	Panama-----	-----	-----	1	Fla.
Soil with <i>Chrysanthemum</i> sp-----	Venezuela-----	-----	-----	1	N.Y.
Soil with unidentified plants-----	Brazil-----	-----	-----	1	N.Y.
Soil with <i>Rosa</i> hybrid plant-----	Ecuador-----	-----	-----	1	Fla.
<i>Sybra alternans</i> (Wied.) (Cerambycidae): Baggage-----	Hawaii-----	1	-----	-----	Hawaii.
<i>Cordylina terminalis</i> (ti)-----	do-----	-----	-----	1	Hawaii.
Flowers-----	do-----	2	-----	-----	Hawaii.
<i>Operculina tuberosa</i> (wood-rose)-----	do-----	1	-----	-----	Hawaii.
<i>Vanda</i> sp. (orchid) (flowers)-----	do-----	1	-----	-----	Hawaii.
<i>Sylepta elevata</i> (F.) (Pyraustidae): <i>Ipomoea batatas</i> (sweetpotato)-----	Trinidad-----	-----	1	-----	Ala.
<i>Sylepta reginalis</i> (Cram.) (Pyraustidae): <i>Chamaedorea oblongata</i> (palm)-----	Mexico-----	1	-----	-----	Tex.
<i>Taeniothrips atratus</i> (Hal.) (Thripidae): <i>Callistephus chinensis</i> (China aster)-----	France-----	1	-----	-----	N.Y.
<i>Calluna vulgaris</i> (heather) flowers-----	Germany, Scotland-----	3	-----	-----	N.Y.
<i>Chrysanthemum</i> sp-----	England, Germany-----	2	-----	-----	N.Y.
<i>Dahlia</i> hybrid-----	Scotland-----	1	-----	-----	N.Y.
<i>Dianthus caryophyllus</i> (carnation) flowers-----	England, Germany, Netherlands, Norway, Poland, unknown-----	11	2	-----	Mass., N.Y.
Flowers—mixed-----	England, Germany, Ireland, Israel, Netherlands, Poland, Scotland, Sweden, unknown-----	14	7	-----	Mass., N.Y., Pa.
<i>Gladiolus</i> hybrid (flowers)-----	Ireland-----	1	-----	-----	N.Y.
<i>Gypsophila</i> sp-----	Netherlands-----	-----	-----	1	N.Y.

Pests Collected and Reported From July 1, 1959, Through June 30, 1960—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Taeniothrips atratus</i> —Continued					
<i>Lathyrus odoratus</i> (sweetpeas).....	England, Netherlands	—	2	—	N.Y.
<i>Pinus</i> sp. (pine).....	Switzerland	1	—	—	N.Y.
Plants—unidentified.....	Netherlands	—	—	2	N.J.
<i>Rosa</i> hybrid (rose).....	England	1	—	—	N.Y.
Soil with <i>Viola tricolor hortensis</i> (pansy) plants	Ireland	—	—	1	Mass.
<i>Vernonia fasciculata</i> (western ironweed).....	Germany	1	—	—	N.Y.
<i>Taeniothrips dianthi</i> Pr. (Thripidae):					
<i>Dianthus caryophyllus</i> (carnation).....	England	—	1	—	N.Y.
<i>Taeniothrips ericae</i> (Hal.) (Thripidae):					
<i>Calluna vulgaris</i> (heather).....	Germany, Ireland, Norway, Scotland.	7	4	—	Mass., N.Y.
<i>Hydrangea</i> sp.....	Norway	—	—	1	N.Y.
<i>Taeniothrips gracilis</i> Mlt. (Thripidae):					
<i>Lycoris alba</i> (white lycoris).....	Japan	1	—	—	N.Y.
<i>L. albiflora</i>	do.	—	—	2	N.Y.
<i>L. aurea</i> (golden lycoris).....	do.	—	—	8	Calif.,* N.Y.
<i>L. radiata</i> (shorttube lycoris).....	do.	—	—	2	N.Y.
<i>L. sanguinea</i> (orange lycoris).....	do.	1	—	1	N.Y.
<i>L. squamigera</i> (autumn lycoris).....	do.	—	—	5	Calif.,* N.Y.
<i>Lycoris</i> sp.....	do.	—	—	7	Calif.,* N.Y.
<i>Taeniothrips hawaiiensis</i> (Morg.) (Thripidae):					
<i>Canavalia</i> sp. (mauna loa) flower.....	Hawaii	1	—	—	Calif.*
<i>Dianthus caryophyllus</i> (carnation).....	Hawaii, Japan	2	—	—	Hawaii.
<i>Dianthus</i> sp.....	Australia	1	—	—	Hawaii.
Flowers.....	Hawaii	1	1	—	Hawaii.
<i>Gardenia augusta</i>	Hawaii, West Pacific	56	1	—	Hawaii.
<i>G. taitensis</i>	Hawaii	1	—	—	Hawaii.
<i>Operculina tuberosa</i> (wood-rose).....	do.	1	—	—	Hawaii.
<i>Plumeria</i> sp.....	do.	1	—	—	Hawaii.
<i>Sesbania grandiflora</i>	do.	2	—	—	Hawaii.
Sphagnum moss.....	Japan	1	—	—	Hawaii.
<i>Taeniothrips kellyanus</i> (Bagn.) (Thripidae):					
<i>Gardenia augusta</i>	Australia	1	—	—	Hawaii.
<i>Taeniothrips vitticornis</i> (Ky.) (Thripidae):					
<i>Canavalia</i> sp. (mauna loa).....	Hawaii	1	—	—	Hawaii.
<i>Talponia batesi</i> Hein. (Olethreutidae):					
<i>Annona cherimola</i> (cherimoya).....	Mexico	3	—	—	Tex.
<i>A. muricata</i> (sour sop).....	do.	1	—	—	Tex.
<i>Annona</i> sp.....	do.	1	—	—	Tex.
<i>Talurus rugosus</i> (Jac.) (Chrysomelidae):					
Airplane.....	Venezuela	—	1	—	Fla.
" <i>Targionia</i> " <i>hartii</i> (Ckll.) (Coccidae):	Netherlands West Indies.	—	—	1	Calif.*
<i>Dioscorea</i> sp. (yam).....					
<i>Tenthoris angustimarginatus</i> Hsiao & Sailer (Miridae):					
Orchid.....	Mexico	—	—	3	Tex.
<i>Tenthoris balloui</i> Hsiao & Sailer (Miridae):					
Orchid.....	Colombia	—	—	1	N.Y.
<i>Tenthoris bicolor</i> Scott (Miridae):					
Orchid.....	Guatemala, Mexico	—	—	3	Tex.
<i>Tenthoris confusus</i> Hsiao & Sailer (Miridae):					
<i>Epidendrum</i> sp. (orchid).....	Canal Zone	—	—	1	Fla.
<i>Laelia anceps</i> (orchid).....	Mexico	—	—	1	Calif.*
<i>L. autumnalis</i>	do.	—	—	1	Calif.*
Orchid.....	do.	—	—	2	Tex.
<i>Tenthoris vestitus</i> (Dist.) (Miridae):					
Orchid.....	Guatemala	—	—	1	Fla.
<i>Tenuipalpus punicea</i> P. & B. (Tenuipalpidae):					
<i>Crassula lycopodioides</i> (clubmoss crassula)	Netherlands	—	—	1	D.C.
<i>Tetranychus cinnabarinus</i> (Bois.) (Tetranychidae):					
<i>Cymbidium</i> sp. (orchid).....	Australia	—	—	1	Hawaii.
<i>Dianthus caryophyllus</i> (carnation).....	Unknown	—	1	—	N.Y.
<i>Rosa</i> hybrid.....	Italy	—	—	1	Mass.
<i>Tetranychus viennensis</i> Zacher (Tetranychidae):					
<i>Rhododendron</i> sp.....	Netherlands	—	—	1	N.Y.
<i>Theba pisana</i> (Müller) (Helicidae):					
<i>Anthemis nobilis</i> (Roman camomile).....	Italy	1	—	—	Calif.*
Automobile.....	France, Spain	2	—	—	La., Tex.
<i>Begonia</i> sp.....	Morocco	—	—	1	N.Y.

Pests Collected and Reported From July 1, 1959, Through June 30, 1960—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Pheba pisana</i> —Continued					
<i>Capsicum frutescens</i> grossum (bell pepper).....	Spain		1		N.Y.
Flowers.....	France	1			N.Y.
Herbs.....	Unknown	1			Fla.
Military cargo.....	Azores, France, Italy, Libya, Morocco, Spain.	63			La., Mass., N.J., N.Y., S.C., Va.
Mollusks (with <i>Helix aspersa</i>).....	Italy	1			N.Y.
None (brought as food).....	Greece, Italy	3			N.Y.
Quarters (ship).....	Spain		1		Tex.
<i>Theretra tryoni</i> Misk. (Sphingidae):					
Airplane.....	West Pacific		1		Hawaii.
<i>Thrips angusticeps</i> Uzel (Thripidae):					
<i>Cynara scolymus</i> (globe artichoke).....	Italy	1			N.Y.
<i>Dianthus caryophyllus</i> (carnation) flowers.....	Spain	1			N.Y.
<i>Gladiolus</i> hybrid (flowers).....	Israel	1			N.Y.
<i>Lactuca sativa</i> (lettuce).....	Denmark, unknown	1	5		N.Y.
<i>Prunus</i> sp. (blooms).....	Israel	1			N.Y.
<i>Thrips flavus</i> Schrank (Thripidae):					
<i>Acacia</i> sp.....	France	1			Mass.
<i>Callistephus chinensis</i> (China aster).....	do	1			N.Y.
<i>Calluna vulgaris</i> (heather) flowers.....	Germany	1			N.Y.
<i>Chrysanthemum</i> sp. (flowers).....	England, Germany, Ireland.	4			Mass., Mich., N.Y., Pa.
<i>Dahlia</i> hybrid.....	Scotland	1			N.Y.
<i>Dianthus caryophyllus</i> (carnation).....	Germany	1			N.Y.
Flowers—mixed.....	England, Germany, Ireland, unknown.	3	2		Mass., N.Y., Pa.
<i>Gladiolus</i> hybrid (flowers).....	Ireland	1			N.Y.
<i>Lilium</i> sp.....	Japan	1			Hawaii.
<i>Narcissus</i> sp.....	Scotland	1			N.Y.
Plants—unidentified.....	Netherlands			3	N.J.
<i>Polyanthes tuberosa</i> (tuberose) flowers.....	Denmark	1			N.Y.
Soil with <i>Viola tricolor hortensis</i> (pansy).....	Ireland			1	Mass.
<i>Rosa</i> hybrid.....	Luxembourg	1			N.Y.
<i>Zinnia</i> sp. (flowers).....	England, Germany	2			Mass., Pa.
<i>Thrips imaginis</i> Bagn. (Thripidae):					
<i>Gladiolus</i> hybrid.....	Australia	1			Hawaii.
<i>Thrips major</i> Uzel (Thripidae):					
<i>Acacia</i> sp.....	France	1			Mass.
<i>Callistephus chinensis</i> (China aster).....	do	1			N.Y.
<i>Calluna vulgaris</i> (heather) flowers.....	Denmark, Germany	2			N.Y.
<i>Chrysanthemum</i> sp. (flowers).....	England, Germany	2			Mich., Pa.
<i>Dianthus caryophyllus</i> (carnation) flowers.....	Unknown			1	N.Y.
Flowers—mixed.....	England, Ireland, Scotland, unknown.	2	2		N.Y., Pa.
<i>Lonicera</i> sp. (honeysuckle) flowers.....	Italy	1			N.Y.
Plants—unidentified.....	Netherlands			1	N.J.
<i>Rosa</i> hybrid (flowers).....	England	1			N.Y.
<i>Thrips praetermissus</i> Pr. (Thripidae):					
<i>Callistephus chinensis</i> (China aster).....	France	1			N.Y.
<i>Chrysanthemum</i> sp. (flowers).....	England	1			Mich.
<i>Trialeurodes lauri</i> (Sign.) (Aleyrodidae):					
<i>Laurus nobilis</i> (Grecian laurel).....	Luxembourg	2			N.Y.
<i>Trialeurodes similis</i> Rsl. (Aleyrodidae):					
<i>Citrus</i> sp. (leaves).....	Mexico	1			Tex.
<i>Psidium guajava</i> (guava).....	do	1			Tex.
<i>Trialeurodes vitrinellus</i> Ckll. (Aleyrodidae):					
<i>Citrus</i> sp. (leaves).....	do	2			Ariz., Ill.
<i>Trionymus sacchari</i> (Ckll.) (Coccidae):					
<i>Miscanthus japonicus</i> (Japanese silvergrass).....	Formosa			1	D.C.
<i>Saccharum officinarum</i> (sugarcane).....	Cuba, Hawaii, Mexico	4		1	Calif.,* D.C., Fla.
<i>Trochuda raspa</i> (Druce) (Dipteridae):					
Orchid.....	Mexico			1	Tex.
<i>Trogoderma glabrum</i> (Hbst.) (Dermestidae):					
Cellulose.....	do			1	Tex.
Grain.....	do			3	Ariz., Tex.
<i>Hordeum vulgare</i> (barley).....	do			1	Ariz.
<i>Pistacia</i> sp. (nuts).....	Iran	1			N.Y.

Pests Collected and Reported From July 1, 1959, Through June 30, 1960—Continued

[An asterisk indicates State inspection].

Pest and host	Country of origin	Number of in- terceptions in—			Collected in—
		Consump- tion	Nonentry	Propaga- tion	
<i>Trogoderma glabrum</i> —Continued					
Railway car	Mexico		2		Tex.
<i>Sorghum vulgare</i> (sorghum)	do.		1		Tex.
<i>Triticum aestivum</i> (wheat)	do.		2		Calif., Tex.
<i>Trogoderma granarium</i> Everts (Dermestidae):					
<i>Acacia senegal</i> (gum arabic)	Singapore, Sudan, United Arab Republic	8			N.Y.
<i>Arachis hypogaea</i> (peanut)	Singapore		1		Oreg.
Automobile (contamination)	Unknown	1			Tex.
Bagging (including used burlap wrappers of baled rubber, gum arabic, guar gum, and seedlac, and sacks used for lentils, pigeonpeas rice, turmeric, etc.).	Asia (country(?)), Cey- lon, England, Formo- sa, India, Pakis- tan, Singapore, Su- dan, unknown.	14	7		Calif., * N.Y., N.C., Tex.
<i>Cajanus cajan</i> (pigeonpea)	India		5		Md., Tex.
<i>Capsicum frutescens</i> (pepper)	do.		1		Tex.
Cargo (with steel, tuna fish cartons, etc.)	Ceylon, Portugal, un- known.	2	1		La., Md., N.Y.
<i>Cuminum cyminum</i> (cumin) seed	Iran	3			N.Y.
<i>Cyamopsis tetragonoloba</i> (guar gum)	India, Pakistan	12			Ill., N.Y., S.C.
Debris	Unknown		3		N.C., Tex.
<i>Glycine max</i> (soybean)	do.		1		Ohio.
Goat skins	Nigeria, Pakistan	2			N.Y., Pa.
<i>Hordeum vulgare</i> (barley)	Unknown		1		Ohio.
Karaya gum	India	4			N.Y.
<i>Oryza sativa</i> (rice)	Burma, China, Formo- sa, Hong Kong, In- dia, Iran, Japan, Kuwait, Singapore, Union of South Africa, United Arab Republic.		24		Ala., Calif., * Hawaii, La., Md., N.Y., N.C., Oreg., Pa., Tex.
<i>Papaver</i> sp. (poppyseed)	Iran	1			N.Y.
<i>Phaseolus aureus</i> (mung bean)	Unknown		1		La.
<i>P. vulgaris</i> (bean)	India, Netherlands, United Arab Republic.		3		Calif., * Tex.
Quarters (cargo hold of ship)	Europe (country(?)), Sudan, unknown.		3		Calif., * Pa.
Seedlac	India	2			N.Y.
Stores (including chickpea, coffee, flour, maca- roni, mixed grain, peas, spaghetti, sugar, tapioca, etc.).	Formosa, India, Indo- nesia, Japan, Leban- on, Netherlands, unknown.		26		Ala., Calif., * Fla., Ha- wail, La., Minn., N.Y., Oreg. Pa., Tex., Va., Wash.
<i>Terminalia</i> sp. (myrobalan)	India	3			N.C., S.C.
<i>Triticum aestivum</i> (wheat) flour	Germany, unknown		2		La., N.C.
<i>Trogoderma inclusum</i> LeConte (Dermestidae):					
Automobile	Morocco	1			S.C.
<i>Cuminum cyminum</i> (cumin) seed	India		1		Md.
Grain—mixed	Mexico		1		Ariz.
Herb	Italy	1			N.Y.
Quarters	Unknown		1		Tex.
Stores	Canal Zone, unknown		3		Ala., Calif., * La.
<i>Trogoderma ornatum</i> (Say) (Dermestidae):					
Airplane	Bahamas		1		Fla.
Bromeliad	Mexico			1	Tex.
Mail	Germany, unknown	2			Minn., N.J.
Military cargo	Morocco	1			S.C.
<i>Oryza sativa</i> (rice)	Unknown		1		La.
<i>Phaseolus vulgaris</i> (bean)	Canada	1			Mich.
Stores	Unknown		1		Mich.
<i>Vicia faba</i> (broadbean)	Canada			1	Mich.

Pests Collected and Reported From July 1, 1959, Through June 30, 1960—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Trogoderma parabile</i> Beal (Dermeestidae):					
Automobile	Mexico		1		Ariz.
Bagging	do		1		Tex.
<i>Gossypium</i> sp. (cottonseed)	do		1		Tex.
<i>Elettaria cardamomum</i> (cardamon)	Unknown		1		Tex.
Macaroni	do		1		N.Y.
<i>Oryza sativa</i> (rice)	do		1		Tex.
Quarters	do		1		Pa.
Railway car	Mexico		1		Tex.
Stores	Unknown		1		Pa.
<i>Trogozylon aequale</i> (Woll.) (Lyctidae):					
Wood (chair)	Mexico	1			Tex.
<i>Trogozylon prostomoides</i> (Gorh.) (Lyctidae):					
Wood	do	1			Tex.
<i>Tropidacris latreillei</i> (Perty) (Acrididae):					
Orchid	Costa Rica			1	Fla.
<i>Trypsetus incarnatus</i> (Gyll.) (Curculionidae):					
<i>Entada</i> sp. (seed)	Burma	1			N.Y.
<i>Udea ferrugalis</i> (Hbn.) (Pyraustidae):					
<i>Brassica oleracea capitata</i> (cabbage)	Italy		1		N.Y.
<i>Lactuca sativa</i> (lettuce)	do	1			N.Y.
<i>Unaspis citri</i> (Comst.) (Coccidae):					
<i>Citrus aurantifolia</i> (lime)	Japan		1		Calif.*
<i>C. aurantium</i> var.	do		2		Calif.*
<i>C. ichangensis</i> x <i>C. reticulata</i> (ichangarin)	do		2		Calif.*
<i>C. reticulata</i> (Mandarin orange)	do		3		Calif.*
<i>C. sinensis</i> (sweet orange)	Japan, unknown		5		Calif.*
<i>Unaspis euonymi</i> (Comst.) (Coccidae):					
<i>Euonymus phellomanus</i>	Netherlands			1	N.J.
<i>Unaspis yanoneensis</i> (Kuw.) (Coccidae):					
<i>Citrus aurantifolia</i> (lime)	Japan	2	1		Hawaii.
<i>C. aurantium</i> (sour orange)	do		7		Calif.*
<i>C. grandis</i> (pummelo)	do		1		Hawaii.
<i>C. hystrix</i> (mauritus)	do		1		Hawaii.
<i>C. limon</i> (lemon)	do		4		Calif.*
<i>C. paradisi</i> (grapefruit)	do		15		Calif.*
<i>C. paradisi</i> x <i>C. reticulata</i> (tangelo)	do		2		Hawaii.
<i>C. reticulata</i> (Mandarin orange)	Formosa, Japan, Philippines.	10	110		Calif.*
<i>C. reticulata</i> var. (King orange)	Japan	1	2		Hawaii.
<i>C. sinensis</i> (sweet orange)	Australia (?), Hong Kong, Japan, Philippines.	13	138		Calif.*
<i>Citrus</i> sp.	Japan		6		Hawaii, Pa. Calif.*
<i>Veronicella moreleti</i> (Crosse & Fischer) (?) (Veronicellidae):					
Orchid	Canal Zone			1	Fla.
<i>Vitula dissimilis</i> Dist. (Coreidae):					
Orchid	do			1	Fla.
<i>Vinsonia stellifera</i> (Westw.) (Coccidae):					
<i>Brassia</i> sp. (orchid)	Canal Zone, El Salvador.			2	Calif.,* Fla.
<i>Broughtonia</i> sp. (orchid)	Grand Cayman, Jamaica.			8	Fla.
<i>Cattleya</i> sp. (orchid)	Antigua, British Honduras.			2	Fla.
<i>Epidendrum</i> sp. (orchid)	Canal Zone			1	Fla.
Leaf—unidentified	do			1	Fla.
<i>Mangifera indica</i> (mango) leaf	Cuba, Pakistan		1		Fla.
<i>Oncidium</i> sp. (orchid)	British Guiana, Trinidad.			2	Fla.
Orchid	Antigua, British Guiana, British Honduras, Canal Zone, Costa Rica, Jamaica, Panama, Surinam.			20	Fla., N.Y.
Plant—unidentified	Jamaica			1	Fla.

Pests Collected and Reported From July 1, 1959, Through June 30, 1960—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of in- terceptions in—			Collected in—
		Consump- tion	Nonentry	Propaga- tion	
<i>Xeroleuca mographina</i> (Morelet) (Helicellidae): Military cargo.....	Morocco.....	1	-----	-----	S.C.
<i>Xiphidiopsis lita</i> Heb. (Tettigoniidae): Flowers (tropical).....	Hawaii.....	1	-----	-----	Hawaii.
<i>Xyleborus biconicus</i> Egg. (Scolytidae): <i>Guettarda</i> sp. ("tala") log.....	Argentina.....	1	-----	-----	N.Y.
<i>Xyleborus testaceus</i> (Wlk.) (Scolytidae): Orchid.....	Hawaii.....	1	-----	-----	Hawaii.
<i>Xylomeira torquata</i> (F.) (Bostrichidae): Airplane.....	Unknown.....	-----	2	-----	P.R.
<i>Xyloperthella picea</i> (Ol.) (Bostrichidae): <i>Zanthoxylum senegalense</i> (Senegal pricklyash)	Nigeria.....	1	-----	-----	N.Y.
<i>Xylothrips religiosus</i> (Boisd.) (Bostrichidae): Airplane.....	Hawaii(?).....	-----	1	-----	Hawaii.
Wood (canoe).....	American Samoa.....	2	-----	-----	Calif.*

Hosts and Insects

- ACACIA:**
Thrips flavus (Thysanoptera)
T. major (Thysanoptera)
Trogoderma granarium (Coleoptera)
- ACER:**
Aceria macrochelus (Acarina)
A. macrorhynchus (Acarina)
Aculus aceris (Acarina)
- ACHRAS:**
Anastrepha mombinpraepotans (Diptera)
A. serpentina (Diptera)
- AGAPANTHUS:**
Haplothrips gowdeyi (Thysanoptera)
- AGAVE:**
Batrachedra linaria (Lepidoptera)
Diachus auratus (Coleoptera)
- ALLIUM CEPA:**
Lygaeus albo-ornatus (Hemiptera)
- ALLIUM PORRUM:**
Acrolepis assectella (Lepidoptera)
Phytomyza rufipes (Diptera)
- ALLIUM SATIVUM:**
Brachycerus albidentatus (Coleoptera)
B. algius (Coleoptera)
Dyspessa ulula (Lepidoptera)
Frankliniella tenuicornis (Thysanoptera)
- ALPINA:**
Adoretus sinicus (Coleoptera)
- ALYXIA:**
Ceroplastes rubens (Homoptera)
- AMARYLLIS:**
Diaprepes famelicus var. (Coleoptera)
- ANANAS:**
Alpheias conspurcata (Lepidoptera)
Metamasius hemipterus sericeus (Coleoptera)
Pheidole megacephala (Hymenoptera)
Platoceticus symmetrica (Lepidoptera)
Ribua innoxia (Lepidoptera)
- ANNONA:**
Bephrata maculicollis (Hymenoptera)
Brevipalpus chilensis (Acarina)
Cerconota anonella (Lepidoptera)
Phenacoccus hirsutus (Homoptera)
Talponia batesi (Lepidoptera)
- ANTHEMIS:**
Cochlicella ventrosa (Mollusca)
Theba pisana (Mollusca)
- ANTHURIUM:**
Adoretus sinicus (Coleoptera)
Conoderus exsul (Coleoptera)
- APIUM:**
Euleia heraclei (?) (Diptera)
Otala lactea (Mollusca)
- ARACHIS:**
Trogoderma granarium (Coleoptera)
- ARCTOTIS:**
Frankliniella formosae (Thysanoptera)
- ARECA:**
Coptotermes vastator (Isoptera)
- ARMORACIA:**
Baris lepidii (Coleoptera)
- AUCUBA:**
Hypera postica (Coleoptera)
- BAMBOO:**
Myelobia smerintha (Lepidoptera)
- BEGONIA:**
Haplothrips gowdeyi (Thysanoptera)
Theba pisana (Mollusca)
- BETA:**
Gnorimoschema ocellatella (Lepidoptera)
Lygus lineolaris (Hemiptera)
- BIXA:**
Geotomus pygmaeus (Hemiptera)
Selenothrips rubrocinctus (Thysanoptera)
- BRASSICA:**
Vinsonia stellifera (Homoptera)
- BRASSICA CHINENSIS:**
Mamestra brassicae (Lepidoptera)
Nezara antennata (Hemiptera)
- BRASSICA OLERACEA:**
Evergestis forficatus (Lepidoptera)
- BRASSICA OLERACEA BOTRYTIS:**
Evergestis forficatus (Lepidoptera)
Helix aperta (Mollusca)
Mamestra brassicae (Lepidoptera)
Otala lactea (Mollusca)
- BRASSICA OLERACEA BOTRYTIS—Con.**
Phytomyza rufipes (Diptera)
Pieris brassicae (Lepidoptera)
- BRASSICA OLERACEA CAPITATA:**
Arion ater (Mollusca)
Evergestis forficatus (Lepidoptera)
Helicella conspurcata (Mollusca)
H. variabilis (Mollusca)
Helix aperta (Mollusca)
H. aspersa (Mollusca)
H. figulina (?) (Mollusca)
Mamestra brassicae (Lepidoptera)
Phytomyza rufipes (Diptera)
Pieris brassicae (Lepidoptera)
Udea ferrugalis (Lepidoptera)
- BRASSICA RAPA:**
Ceutorhynchus pleurostigma (Coleoptera)
Hellula undalis (Lepidoptera)
- BROMELIA:**
Capaneus tetricus (Hemiptera)
- BROMELIAD:**
Anthonomus albolineatus (Coleoptera)
Chalepus omoger (Coleoptera)
Cligenes delineata (Hemiptera)
Dendrocoris variegatus (Hemiptera)
Diabrotica porracea (Coleoptera)
Heterotermes convexinotatus (Isoptera)
Iridomyrmex iniquus (Hymenoptera)
Ogdocosta biannularis (Coleoptera)
Phelypera distigma (Coleoptera)
Physonota alutacea (Coleoptera)
Pseudococcus neobrevipes (Homoptera)
Trogoderma ornatum (Coleoptera)
- BROUGHTONIA:**
Subulina octona (Mollusca)
Vinsonia stellifera (Homoptera)
- BROWNEA:**
Dercynus micronyx (Coleoptera)
- BUXUS:**
Eriophyes canestrinii (Acarina)
- CABOMBA:**
Nasutitermes costalis (Isoptera)
Pheidole megacephala (Hymenoptera)
- CACTUS:**
Helix aspersa (Mollusca)
Lepidosaphes philococcus (Homoptera)
Ripersiella cacticans (Homoptera)
- CAJANUS:**
Acanthoscelides armitagei (Coleoptera)
Cerotoma ruficornis (Coleoptera)
Diaprepes abbreviatus var. (Coleoptera)
Fundella pellucens (Lepidoptera)
Maruca testulalis (Lepidoptera)
Metamasius hemipterus hemipterus (Coleoptera)
Monomorium destructor (Hymenoptera)
Sphenarches caffer (Lepidoptera)
Trogoderma granarium (Coleoptera)
- CALLISTEPHUS:**
Frankliniella intonsa (Thysanoptera)
Taeniothrips atratus (Thysanoptera)
Thrips flavus (Thysanoptera)
T. major (Thysanoptera)
T. praetermissus (Thysanoptera)
- CALLUNA:**
Fieberocapsus flaveolus (?) (Hemiptera)
Frankliniella intonsa (Thysanoptera)
Gelechia ericetella (Lepidoptera)
Micrelus ericae (Coleoptera)
Orthotylus ericetorum (Hemiptera)
Taeniothrips atratus (Thysanoptera)
T. ericae (Thysanoptera)
Thrips flavus (Thysanoptera)
T. major (Thysanoptera)
- CALOCARPUM:**
Anastrepha ludens (Diptera)
A. serpentina (Diptera)
- CAMELLIA:**
Aleurotuberculatus similis (Homoptera)
Callidium rufipenne (Coleoptera)
Florinia theae (Homoptera)
- CANAVALLIA:**
Haplothrips gowdeyi (Thysanoptera)
Lampides boeticus (Lepidoptera)
Maruca testulalis (Lepidoptera)
Taeniothrips hawaiiensis (Thysanoptera)
T. vitticornis (Thysanoptera)

Hosts and Insects—Continued

CAPSICUM:

- Cryptophlebia leucotreta* (Lepidoptera)
- Gnorimoschema gudmanella* (Lepidoptera)
- Helicella striata* (?) (Mollusca)
- Pyrausta nubilalis* (Lepidoptera)
- Theba pisana* (Mollusca)
- Trogoderma granarium* (Coleoptera)

CARICA:

- Dacus dorsalis* (Diptera)

CARTHAMUS:

- Helicella caperata* (Mollusca)

CASIMIROA:

- Anastrepha ludens* (Diptera)

CASSIA:

- Aganactesis indecora* (Lepidoptera)
- Ectomyelois ceratoniae* (Lepidoptera)

CASTANEA:

- Curculio elephas* (Coleoptera)
- Hemimene juliana* (Lepidoptera)
- Laspeyresia splendana* (Lepidoptera)

CATTLEYA:

- Chrysomphalus umboniferus* (Homoptera)
- Mordellistena cattlejana* (Coleoptera)
- Vinsonia stellifera* (Homoptera)

CELOSIA:

- Bradybaena similis* (Mollusca)

CERATONIA:

- Ectomyelois ceratoniae* (Lepidoptera)
- E. muriscis* (Lepidoptera)
- Ephestia catidella* (Lepidoptera)

CHAMAEDOREA:

- Aleuroplatus variegatus* (Homoptera)
- Calyptocephala gerstaeckeri* (Coleoptera)
- C. marginipennis* (Coleoptera)
- Charidotis seminulum* (Coleoptera)
- Chrysomphalus sphaeroides* (Homoptera)
- Coelonerus nigrifloris* (Coleoptera)
- Ctenochira hectica* (Coleoptera)
- C. hieroglyphica* (Coleoptera)
- C. plicata* (Coleoptera)
- Deloyala guttata bohemani* (Coleoptera)
- Deuterocampa atomaculata* (Coleoptera)
- Helicina zephyrina* (Mollusca)
- Ogdoecosta catenulata* (Coleoptera)
- Parisoschoenus flavolimbatus* (Coleoptera)
- Sylepta reginalis* (Lepidoptera)

CHRYSAETHUM:

- Conotilus mexicanus* (Coleoptera)
- Frankliniella formosae* (Thysanoptera)
- F. intonsa* (Thysanoptera)
- Haplothrips gowdeyi* (Thysanoptera)
- Lygus lineolaris* (Hemiptera)
- Myzus ascalonicus* (Homoptera)
- Orthops cervinus* (Hemiptera)
- Taeniothrips atratus* (Thysanoptera)
- Thrips flavus* (Thysanoptera)
- T. major* (Thysanoptera)
- T. praetermissus* (Thysanoptera)

CICER:

- Callosobruchus analis* (Coleoptera)

CICHORIUM:

- Phytomyza rufipes* (Diptera)

CITRUS AURANTIFOLIA:

- Aleurocanthus woglumi* (Homoptera)
- Anastrepha ludens* (Diptera)
- Chrysomphalus personatus* (Homoptera)
- Parlatoria cinerea* (Homoptera)
- P. zizyphus* (Homoptera)
- Pseudonidius trilobitiformis* (Homoptera)
- Unaspis citri* (Homoptera)
- U. yanonenis* (Homoptera)

CITRUS AURANTIUM:

- Anastrepha ludens* (Diptera)
- Coccus pseudomagnoliarum* (Homoptera)
- Morganella longispina* (Homoptera)
- Unaspis yanonenis* (Homoptera)

CITRUS AURANTIUM VAR.:

- Unaspis citri* (Homoptera)

CITRUS GRANDIS:

- Parlatoria zizyphus* (Homoptera)
- Unaspis yanonenis* (Homoptera)

CITRUS HYSTRIX:

- Unaspis yanonenis* (Homoptera)

CITRUS ICHANGENSIS X C. RETICULATA:

- Unaspis citri* (Homoptera)

CITRUS LIMON:

- Ceratitidis capitata* (Diptera)
- Cochlicella barbara* (Mollusca)
- C. ventrosa* (Mollusca)
- Cryptoblabes gnidiella* (Lepidoptera)
- Otala vermiculata* (Mollusca)
- Parlatoria cinerea* (Homoptera)
- P. zizyphus* (Homoptera)
- Pseudonidius trilobitiformis* (Homoptera)
- Unaspis yanonenis* (Homoptera)

CITRUS PARADISI:

- Anastrepha ludens* (Diptera)
- Ceratitidis capitata* (Diptera)
- Morganella longispina* (Homoptera)
- Parlatoria zizyphus* (Homoptera)
- Unaspis yanonenis* (Homoptera)

CITRUS PARADISI X C. RETICULATA:

- Unaspis yanonenis* (Homoptera)

CITRUS RETICULATA:

- Brevipalpus obonatus* (Acarina)
- Ceratitidis capitata* (Diptera)
- Morganella longispina* (Homoptera)
- Parlatoria zizyphus* (Homoptera)
- Unaspis citri* (Homoptera)
- U. yanonenis* (Homoptera)

CITRUS RETICULATA VAR.:

- Unaspis yanonenis* (Homoptera)

CITRUS SINENSIS:

- Aleurocanthus spiniferus* (Homoptera)
- A. woglumi* (Homoptera)
- Anastrepha ludens* (Diptera)
- Bemisia giffardi* (Homoptera)
- Brevipalpus chilensis* (Acarina)
- Ceratitidis capitata* (Diptera)
- Chrysomphalus bifasciculatus* (Homoptera)
- Cryptoblabes gnidiella* (Lepidoptera)
- Cryptophlebia leucotreta* (Lepidoptera)
- Dialeurodes citrifolii* (Homoptera)
- Gymnandrosoma aurantianum* (Lepidoptera)
- Helix aspersa* (Mollusca)
- Monomorium destructor* (Hymenoptera)
- Morganella longispina* (Homoptera)
- Parlatoria cinerea* (Homoptera)
- P. zizyphus* (Homoptera)
- Pseudonidius trilobitiformis* (Homoptera)
- Pseudococcus citricus* (Homoptera)
- Unaspis citri* (Homoptera)
- U. yanonenis* (Homoptera)

CITRUS SP.:

- Aleurocanthus woglumi* (Homoptera)
- Dialeurodes citrifolii* (Homoptera)
- Frankliniella formosae* (Thysanoptera)
- Phyllocnistis citrella* (?) (Lepidoptera)
- Trialeurodes similis* (Homoptera)
- T. vitrinellus* (Homoptera)
- Unaspis yanonenis* (Homoptera)

CLEMATIS:

- Aleyrodes prolepta* (Homoptera)

COCOS:

- Aspidiotus palmarum* (Homoptera)
- Chrysomphalus albopictus* (Homoptera)
- C. personatus* (Homoptera)
- Diocaulandra taitensis* (Coleoptera)
- Phcidole megacephala* (Hymenoptera)
- Pseudococcus palmarum* (Homoptera)

CODIAEUM:

- Lepidosaphes tokionis* (Homoptera)
- Parlatoria crotonis* (Homoptera)
- Selenothrips rubrocinctus* (Thysanoptera)

COFFEA:

- Ceratitidis capitata* (Diptera)
- Cryptophlebia illepidia* (Lepidoptera)
- Dacus dorsalis* (?) (Diptera)
- Haplothrips gowdeyi* (Thysanoptera)
- Leucoptera coffeella* (Lepidoptera)
- Stephanoderes hampei* (Coleoptera)

COIX:

- Phcidole megacephala* (Hymenoptera)

COLOCASIA:

- Organothrips bianchii* (Thysanoptera)
- Phcidole megacephala* (Hymenoptera)

COMPOSITAE:

- Meltoplax ditomoides* (Hemiptera)

CONVALLARIA:

- Lema melanopa* (Coleoptera)
- Smerinthus ocellata* (Lepidoptera)

Hosts and Insects—Continued

CORDYLINE:

- Oxydema fusiforme* (Coleoptera)
Siphanta acuta (Homoptera)
Sybra alternans (Coleoptera)

CORYLUS:

- Curculio nucum* (Coleoptera)

CRASSULA:

- Brevipalpus obovatus* (Acarina)
Tenuipalpus punicae (Acarina)

CUCUMIS:

- Ceratomyza ruficornis* (Coleoptera)
Ligyrocoris aurivilliana (Hemiptera)

GUMINUM:

- Trogoderma granarium* (Coleoptera)
T. inclusum (Coleoptera)

CUPRESSUS:

- Ectetia tessulata* (?) (Lepidoptera)

CYAMOPSIS:

- Trogoderma granarium* (Coleoptera)

CYCAD:

- Opogona sacchari* (Lepidoptera)
Pheidole megacephala (Hymenoptera)

CYDONIA:

- Anastrepha ludens* (Diptera)
Ceratitis capitata (Diptera)
Ectomyelois ceratoniae (Lepidoptera)
Grapholitha packardii (Lepidoptera)
Kaloterms flavicollis (Isoptera)

CYMBIDIUM:

- Lepidosaphes tuberculata* (Homoptera)
Tetranychus cinnabarinus (Acarina)

CYNARA:

- Apion carduorum* (Coleoptera)
Cassida sanguinolenta (Coleoptera)
C. viber (Coleoptera)
Thrips angusticeps (Thysanoptera)

DAHLIA:

- Lema erichsoni* (Coleoptera)
Opogona sacchari (Lepidoptera)
Pheidole megacephala (Hymenoptera)
Pyrausta nubilalis (Lepidoptera)
Taeniothrips atratus (Thysanoptera)
Thrips flavus (Thysanoptera)

DAUCUS:

- Phalonia zephyrana* (Lepidoptera)

DENDROBIUM:

- Pinnaspis buzi* (Homoptera)

DIANTHUS:

- Frankliniella formosae* (Thysanoptera)
F. intonsa (Thysanoptera)
Haplothrips coitei (Thysanoptera)
H. gowdeyi (Thysanoptera)
Helix aspersa (Mollusca)
Limothrips denticornis (Thysanoptera)
Puto mexicanus (Homoptera)
Taeniothrips atratus (Thysanoptera)
T. dianthi (Thysanoptera)
T. hawaiiensis (Thysanoptera)
Tetranychus cinnabarinus (Acarina)
Thrips angusticeps (Thysanoptera)
T. flavus (Thysanoptera)
T. major (Thysanoptera)

DIOON:

- Aulacosealis melanocera* (Coleoptera)

DIOSPYROS:

- Archips pronubanus* (?) (Lepidoptera)
Ceratitis capitata (Diptera)
Palaeopus costicollis (Coleoptera)
Pseudococcus halli (Homoptera)
"Targionia" hartii (Homoptera)

DOLICHOS:

- Callosobruchus phaseoli* (Coleoptera)

ECHINODORUS:

- Delphacodes teapae* (Homoptera)

ELETTARIA:

- Trogoderma parabile* (Coleoptera)

ENTADA:

- Trypethus incarnatus* (Coleoptera)

ENTEROLOBIUM:

- Ectomyelois muriscis* (Lepidoptera)

EPIDENDRUM:

- Orchidophilus aterrimus* (Coleoptera)
Pangaeus rugiceps (Hemiptera)
Tenthecoris confusus (Hemiptera)
Vinsonia stellifera (Homoptera)

EREMOCITRUS:

- Megastigmus limoni* (Hymenoptera)

ERIOBOTRYA:

- Ceratitis capitata* (Diptera)

- Ectomyelois ceratoniae* (Lepidoptera)

ERYNGIUM:

- Bradybaena similis* (Mollusca)
Frankliniella williamsi (Thysanoptera)

EUGENIA:

- Ceratitis capitata* (Diptera)
Poecilips persicae (Coleoptera)

EUONYMUS:

- Unaspis euonymi* (Homoptera)

EURYA:

- Pseudaonidia paeoniae* (Homoptera)

FICUS:

- Ceratitis capitata* (Diptera)
Gynaikothrips ficorum (Thysanoptera)
Hypoborus ficus (Coleoptera)

FORTUNELLA:

- Parlatoria zizyphus* (Homoptera)

GARDENIA:

- Aleuroglanulus emmae* (Homoptera)
Aleuroparadozus gardeniae (Homoptera)
Aleurothrixus myrtacei (Homoptera)
Coccus viridis (Homoptera)
Cryptocephalus zerampelinus (Coleoptera)
Dialeurodes kirkaldyi (Homoptera)
Frankliniella formosae (Thysanoptera)
Pseudaonidia claviger (Homoptera)
Taeniothrips hawaiiensis (Thysanoptera)
T. kellyanus (Thysanoptera)

GENTIANA:

- Stenoptilia stigmatodactyla* (Lepidoptera)

GLADIOLUS:

- Frankliniella formosae* (Thysanoptera)
F. intonsa (Thysanoptera)
Taeniothrips atratus (Thysanoptera)
Thrips angusticeps (Thysanoptera)
T. flavus (Thysanoptera)
T. imaginis (Thysanoptera)

GLYCINE:

- Trogoderma granarium* (Coleoptera)

GOSSYPIUM:

- Exptochiomeria oblonga* (Hemiptera)
Pectinophora gossypiella (Lepidoptera)
Trogoderma parabile (Coleoptera)

GUETTARDA:

- Xyleborus biconicus* (Coleoptera)

GYPSOPHILA:

- Taeniothrips atratus* (Thysanoptera)

HELICONIA:

- Conoderus exsul* (Coleoptera)

HIBISCUS:

- Oopsis nutator* (Coleoptera)
Pectinophora gossypiella (Lepidoptera)

HORDEUM:

- Trogoderma glabrum* (Coleoptera)
T. granarium (Coleoptera)

HYACINTHUS:

- Frankliniella formosae* (Thysanoptera)

HYDRANGEA:

- Taeniothrips ericae* (Thysanoptera)

HYMENAEA:

- Neodryocoetes caribaeus* (Coleoptera)

ILEX:

- Aleurotuberculus similis* (Homoptera)

IPOMOEA:

- Cylas formicarius* (Coleoptera)
C. formicarius var. (Coleoptera)
C. formicarius elegantulus (Coleoptera)
C. formicarius formicarius (Coleoptera)
Euscepes postfasciatus (Coleoptera)
Megacerus alternatus (Coleoptera)
Sylepta elevata (Lepidoptera)

IRIS:

- Anomala orientalis* (Coleoptera)
Iridothrips iridis (Thysanoptera)
Opeas pyrgula (Mollusca)

ISOCHILUS:

- Cryphula fasciata* (Hemiptera)

JASMINUM:

- Archips pronubanus* (?) (Lepidoptera)
Dialeurodes kirkaldyi (Homoptera)
D. vulgaris (?) (Homoptera)
Palpita unionalis (Lepidoptera)

Hosts and Insects—Continued

JUGLANS:

Ectomyelois ceratoniae (Lepidoptera)

JUNIPERUS:

Miccotrogus picirostris (Coleoptera)

Oligonychus perditus (Acarina)

KALANCHOE:

Plusia chalcites (Lepidoptera)

RHAYIA:

Cordylomera spinicornis (Coleoptera)

LACTUCA:

Arion ater (Mollusca)

Cochlicella ventrosa (Mollusca)

Dicyphus annulatus (Hemiptera)

Frankliniella intonsa (Thysanoptera)

Helix aspersa (Mollusca)

Lygus rugulipennis (Hemiptera)

Mamestra brassicae (Lepidoptera)

Myzus ascalonicus (Homoptera)

Otala vermiculata (Mollusca)

Plagiognathus albipennis (Hemiptera)

Plusia chalcites (Lepidoptera)

Thrips angusticeps (Thysanoptera)

Udea ferrugalis (Lepidoptera)

LAELIA:

Puto ulter (Homoptera)

Tenthercoris confusus (Homoptera)

LATHYRUS:

Bruchus affinis (Coleoptera)

B. tristis (Coleoptera)

Frankliniella intonsa (Thysanoptera)

Helicella pyramidata (Mollusca)

H. variabilis (Mollusca)

Taeniothrips atratus (Thysanoptera)

LAURUS:

Chrysomphalus paulistus (Homoptera)

Trialeurodes lauri (Homoptera)

LENS:

Bruchus lentis (Coleoptera)

B. signaticornis (Coleoptera)

LEUCAENA:

Araecerus levipennis (Coleoptera)

LICUALA:

Bradybaena similis (Mollusca)

LILIUM:

Frankliniella formosae (Thysanoptera)

Thrips flavus (Thysanoptera)

LIPPIA:

Corythaica carinata (Hemiptera)

LITCHI:

Planococcus dorsospinosus (Homoptera)

LONCHOCARPUS(?):

Dinoderus bifoveolatus (Coleoptera)

LONICERA:

Thrips major (Thysanoptera)

LYCOPERSICON:

Ceratitis capitata (?) (Diptera)

Dacus cucurbitae (Diptera)

Epinotia aporema (Lepidoptera)

Neoleucinodes elegantalis (Lepidoptera)

LYCORIS:

Taeniothrips gracilis (Thysanoptera)

MACADAMIA:

Cryptophlebia illepidia (Lepidoptera)

Morganella longispina (Homoptera)

Pseudonidia clavigera (Homoptera)

MALUS:

Anastrepha ludens (Diptera)

Argyresthia conjugella (Lepidoptera)

Blastodacna atra (Lepidoptera)

Carpodina niponensis (Lepidoptera)

Ceratitis capitata (Diptera)

MALVACEAE:

Frankliniella intonsa (Thysanoptera)

MANGIFERA:

Anastrepha ludens (Diptera)

A. mombinpraeoptans (Diptera)

Chrysomphalus personatus (Homoptera)

Dacus dorsalis (Diptera)

Pseudonidia trilobitiformis (Homoptera)

Pseudischinaspis longissima (Homoptera)

Sternochetus mangiferae (Coleoptera)

Vinsonia stellifera (Homoptera)

MENTHA:

Aleuroglandulus emmae (Homoptera)

Bradybaena similis (Mollusca)

Cochlicella ventrosa (Mollusca)

MENTHA—Continued

Pheidole megacephala (Hymenoptera)

MISCANTHUS:

Trionymus sacchari (Homoptera)

MONSTERA:

Hileithia decostalis (Lepidoptera)

MUCUNA:

Neodryocetes hubbardi (Coleoptera)

MUSA:

Cephaloleia pretiosa (Coleoptera)

Cosmopolites sordidus (Coleoptera)

Metamasius hemipterus sericeus (Coleoptera)

Opogona sacchari (Lepidoptera)

Polytus mellerborgii (Coleoptera)

Porphyrobaphe iostoma (Mollusca)

Solaropsis monile (Mollusca)

NARCISSUS:

Steneotarsonemus laticeps (Acarina)

Thrips flavus (Thysanoptera)

NECTANDRA:

Platypus rugulosus (Coleoptera)

NEPHELIUM:

Selenothrips rubrocinctus (Thysanoptera)

NERIUM:

Haplothrips gowdeyi (Thysanoptera)

Pheidole megacephala (Hymenoptera)

OLEA:

Aleurlobus olivinus (Homoptera)

Dacus oleae (Diptera)

Phloeotribus scarabaeoides (Coleoptera)

Prays oleellus (Lepidoptera)

ONCIDIUM:

Puto ulter (Homoptera)

Vinsonia stellifera (Homoptera)

OPERCULINA:

Sybra alternans (Coleoptera)

Taeniothrips hawaiiensis (Thysanoptera)

OPUNTIA:

Ceratitis capitata (Diptera)

ORCHID:

Anechura vara (Dermaptera)

Asterolecanium epidendri (Homoptera)

Bradybaena similis (Mollusca)

Cligenes delineata (Hemiptera)

Conoderus exsul (Coleoptera)

Cryphula apaticus (Hemiptera)

Deloyala guttata bohemani (Coleoptera)

Dendrocoris variegatus (Hemiptera)

Diabrotica lepidia (Coleoptera)

Epilachna borealis var. (Coleoptera)

Ezptochioma formosa (Hemiptera)

Homogamia mexicana (Orthoptera)

Iridomyrmex pilifer (Hymenoptera)

Lamellaxis micra (Mollusca)

Monomorium destructor (Hymenoptera)

Neolobophora inopinata (Dermaptera)

Opeas pumila (Mollusca)

Ophraea maculicollis (Coleoptera)

Ozydema fusiforme (Coleoptera)

Pheidole megacephala (Hymenoptera)

Phelypera distigma (Coleoptera)

Phenacaspis dendrobii (Homoptera)

Plagioderia congesta (Coleoptera)

Plusia chalcites (Lepidoptera)

Prosopodonta balyi (Coleoptera)

Puto ulter (Homoptera)

Rumina decollata (Mollusca)

Subulina octona (Mollusca)

Tenthercoris angustimarginatus (Hemiptera)

T. balloui (Hemiptera)

T. bicolor (Hemiptera)

T. confusus (Hemiptera)

T. restitus (Hemiptera)

Trochuda raspa (Lepidoptera)

Tropidacris latreillei (Orthoptera)

Veronicella moreleti (?) (Mollusca)

Vilga dissimilis (Hemiptera)

Vinsonia stellifera (Homoptera)

Xyleborus testaceus (Coleoptera)

ORNITHOGALUM:

Epichorista ionephela (Lepidoptera)

Frankliniella schultzei (Thysanoptera)

Haplothrips gowdeyi (Thysanoptera)

H. nigricornis (Thysanoptera)

ORYZA:

Chilo suppressalis (Lepidoptera)

Hosts and Insects—Continued

ORYZA—Continued

- Frankliniella tenuicornis* (Thysanoptera)
Trogoderma granarium (Coleoptera)
T. ornatum (Coleoptera)
T. parabile (Coleoptera)

PALM:

- Aonidiella inornata* (Homoptera)
Brevipalpus obovatus (Acarina)
Coccotrypes pygmaeus (Coleoptera)

PAPAVER:

- Trogoderma granarium* (Coleoptera)

PASSIFLORA:

- Ceratitis capitata* (?) (Diptera)
Dacus dorsalis (?) (Diptera)

PELARGONIUM:

- Cochlicella ventrosa* (Mollusca)

PELEA:

- Prays sulvocanellus* (Lepidoptera)

PERSEA:

- Conotrachelus aguacadae* (Coleoptera)
C. perseae (Coleoptera)
Dacus dorsalis (Diptera)
Helipus lauri (Coleoptera)
Stenomus catenifer (Lepidoptera)

PETROSELINUM:

- Helicella itala* (Mollusca)
Selenothrips rubrocinctus (Thysanoptera)

PHALERIA:

- Ceratitis capitata* (Diptera)

PHASEOLUS:

- Callosobruchus phaseoli* (Coleoptera)
C. subinnotatus (Coleoptera)
Ceratomyza ruficornis (Coleoptera)
Dynatospechus calandrades (Coleoptera)
Epinotia aporema (Lepidoptera)
Evers comyntas (Lepidoptera)
Laspeyresia dorsana (?) (Lepidoptera)
L. fabivora (Lepidoptera)
Maruca testulalis (Lepidoptera)
Pyrausta nubilalis (Lepidoptera)
Trogoderma granarium (Coleoptera)
T. ornatum (Coleoptera)

PHILODENDRON:

- Cactophagus validirostris* (Coleoptera)
Chrysomphalus paulistus (Homoptera)

PHLAGMITES:

- Nippomaclerda biwakoensis* (Homoptera)

PICEA:

- Laspeyresia strobilella* (Lepidoptera)
Megastigmus strobilobius (Hymenoptera)

PICEA(?):

- Ernobius abietis* (Coleoptera)

PINUS:

- Adela ochensheimeriella* (Lepidoptera)
Coptotermes crassus (Isoptera)
Epilachna mexicana (Coleoptera)
Hylurgops palliatus (Coleoptera)
Lepidosaphes pini (Homoptera)
Petrova resinella (Lepidoptera)
Pseudococcus pini (Homoptera)
Taeniothrips atratus (Thysanoptera)

PISTACIA:

- Trogoderma glabrum* (Coleoptera)

PISUM:

- Callosobruchus analis* (Coleoptera)
Lampides boeticus (Lepidoptera)

PLUMERIA:

- Conotelus mexicanus* (Coleoptera)
Pheidole megacephala (Hymenoptera)
Taeniothrips hawaiiensis (Thysanoptera)

POLIANTHES:

- Thrips flavus* (Thysanoptera)

PRIORIA:

- Platypus rugulosus* (Coleoptera)

PRUNUS ARMENIACA:

- Ceratitis capitata* (Diptera)

PRUNUS DOMESTICA:

- Archips pronubanus* (?) (Lepidoptera)
Carpocapsa niponensis (Lepidoptera)
Ceratitis capitata (Diptera)
Geniocremnis chilensis (Coleoptera)
Listroderes subcinctus (Coleoptera)

PRUNUS PERSICA:

- Anastrepha ludens* (Diptera)
Btissus diplopterus (Hemiptera)
Ceratitis capitata (Diptera)

PRUNUS PERSICA—Continued

- Cryptoblabes gnidiella* (Lepidoptera)
Hypera nigrostris (Coleoptera)
Ozycarenum rufiventris (Hemiptera)

PRUNUS PERSICA NECTARINA:

- Conoderus rufangulus* (Coleoptera)
Geniocremnis chilensis (Coleoptera)

PRUNUS SP. (cherry):

- Rhagoletis cerasi* (Diptera)

PRUNUS SP.:

- Thrips angusticeps* (Thysanoptera)

PSIDIUM:

- Anastrepha mombinpraepians* (Diptera)
A. striata (Diptera)
A. suspensa (?) (Diptera)
Ceratitis capitata (Diptera)
Dacus dorsalis (Diptera)
Trialeurodes similis (Homoptera)

PTEROSTYLIS:

- Antonia graminis* (Homoptera)

PUNICA:

- Archips pronubanus* (?) (Lepidoptera)
Anastrepha ludens (Diptera)
Ceratitis capitata (Diptera)
Cryptoblabes gnidiella (Lepidoptera)
Ectomyelois ceratoniae (Lepidoptera)
Forficula aetolica (Dermaptera)

PYRUS:

- Anastrepha ludens* (Diptera)
Ceratitis capitata (Diptera)
Ectomyelois ceratoniae (Lepidoptera)
Grapholitha packardii (Lepidoptera)

QUERCUS:

- Curculio elephas* (Coleoptera)
Laspeyresia splendana (Lepidoptera)

RAPHANUS:

- Phytomyza rufipes* (Diptera)

RHODODENDRON:

- Brevipalpus obovatus* (Acarina)
Dialeurodes chittendeni (Homoptera)
Pealius azaleae (Homoptera)
Psylla rhododendri (Homoptera)
Tetranychus viennensis (Acarina)

ROSA:

- Ardis sulcata* (Hymenoptera)
Brevipalpus obovatus (Acarina)
Frankliniella formosae (Thysanoptera)
F. intonsa (Thysanoptera)

ROSA(?):

- Helix aspersa* (Mollusca)
Lema melanopa (Coleoptera)
Monacha carthusiana (Mollusca)
Taeniothrips atratus (Thysanoptera)
Tetranychus cinnabarinus (Acarina)
Thrips flavus (Thysanoptera)
T. major (Thysanoptera)

ROSMARINUS:

- Chrysolina americana* (Coleoptera)

RUBUS:

- Helicella caperata* (Mollusca)

RUMEX:

- Dicyphus stachydis* (Hemiptera)

SACCHARUM:

- Chilo loftini* (Lepidoptera)
Opogona sacchari (Lepidoptera)
Pheidole megacephala (Hymenoptera)
Trionymus sacchari (Homoptera)

SALIX:

- Haplothrips aculeatus* (Thysanoptera)

SAMANEA:

- Ectomyelois ceratoniae* (Lepidoptera)

SCHINUS:

- Conoderus exsul* (Coleoptera)

SEDUM:

- Helix aspersa* (Mollusca)

SESBANIA:

- Callosobruchus phaseoli* (Coleoptera)
Lampides boeticus (Lepidoptera)
Maruca testulalis (Lepidoptera)
Pheidole megacephala (Hymenoptera)
Taeniothrips hawaiiensis (Thysanoptera)

SESVIVUM:

- Pheidole megacephala* (Hymenoptera)

SOIL:

- Agriotes obscurus* (Coleoptera)
Bradybaena similis (Mollusca)
Cecilioides acicula (Mollusca)

Hosts and Insects—Continued

SOIL—Continued

- Gynaikothrips ficorum* (Thysanoptera)
Helicella maritima (Mollusca)
H. striata (?) (Mollusca)
Helix pomatia (Mollusca)
Lamellaxis gracilis (?) (Mollusca)
L. micra (Mollusca)
Limothrips denticornis (Thysanoptera)
Monomorium destructor (Hymenoptera)
Opeas pyrgula (Mollusca)
Opogona sacchari (Lepidoptera)
Pheidole megacephala (Hymenoptera)
Podagrica fuscicornis (Coleoptera)
Subulina octona (Mollusca)
Taeniothrips atratus (Thysanoptera)
Thrips flavus (Thysanoptera)

SOLANUM MELONGENA:

- Leucinodes orbonalis* (Lepidoptera)
Pyrausta nubilalis (Lepidoptera)

SOLANUM TUBEROSUM:

- Agriotes lineatus* (Coleoptera)

SOLANUM SP.:

- Leucinodes orbonalis* (Lepidoptera)
Neoleucinodes elegantalis (Lepidoptera)

SORGHUM:

- Pyrausta nubilalis* (Lepidoptera)
Sesamia cretica (Lepidoptera)
Trogoderma glabrum (Coleoptera)

SPONDIAS:

- Anastrepha mombinpraepotans* (Diptera)
Chrysomphalus calurus (Homoptera)

STANHOPEA:

- Puto mexicanus* (Homoptera)

STRONGYLODON:

- Lampides boeticus* (Lepidoptera)
Mariuca testulalis (Lepidoptera)

SYRINGA:

- Adorophyes orana* (Lepidoptera)

TAGETES:

- Bradybaena similaris* (Mollusca)

TAMARINDUS:

- Caryedon fuscus* (Coleoptera)
Ectomyelois ceratoniae (Lepidoptera)

TERMINALIA:

- Anastrepha mombinpraepotans* (Diptera)
Dacus dorsalis (Diptera)
Trogoderma granarium (Coleoptera)

TILLANDSIA:

- Adoretus sinicus* (Coleoptera)
Puto mexicanus (Homoptera)

TRIFOLIUM:

- Bruchidius trifolii* (Coleoptera)
Ceciloides acicula (Mollusca)

TRITICUM:

- Cryptotermes brevis* (Isoptera)
Haplothrips tritici (Thysanoptera)
Trogoderma glabrum (Coleoptera)
T. granarium (Coleoptera)

TSUGA:

- Megastigmus tsugaphilus* (Hymenoptera)

URGINEA:

- Arion ater* (Mollusca)

VANDA:

- Adoretus sinicus* (Coleoptera)
Athesapeuta cyperi (Coleoptera)
Bradybaena similaris (Mollusca)
Conoderus exsul (Coleoptera)
Conotelus mexicanus (Coleoptera)
Melanozanthus melanocephalus (Coleoptera)
Nysius terrestris (Hemiptera)
Orchidophilus aterrimus (Coleoptera)
Pinnaspis orchidarum (Homoptera)
Phusia chalcites (Lepidoptera)
Siphanta acuta (Homoptera)
Sybra alternans (Coleoptera)

VERNONIA:

- Taeniothrips atratus* (Thysanoptera)

VICIA:

- Bruchus dentipes* (Coleoptera)
B. tristis (Coleoptera)
Trogoderma ornatum (Coleoptera)

VIGNA:

- Bruchus guttalis* (Coleoptera)
Epinotia aporema (Lepidoptera)

VIOLA:

- Frankliniella intonsa* (Thysanoptera)

VITIS:

- Aclera fraterna* (Hemiptera)
Aleurolobus taenabae (Homoptera)
Brevipalpus chilensis (Acarina)
B. obovatus (Acarina)
Ceratitis capitata (Diptera)
Conoderus rufangulus (Coleoptera)
Leptoglossus chilensis (Hemiptera)
Listroderes subcinctus (Coleoptera)
Lobesia botrana (Lepidoptera)
Naupactus zanthographus (Coleoptera)
Phlyctinus callosus (Coleoptera)

ZAMIA:

- Heterotermes convexinotatus* (Isoptera)

ZANTHOXYLUM:

- Heterobostrychus brunneus* (Coleoptera)
Xyloperthella picea (Coleoptera)

ZEA:

- Moodna bisinuella* (?) (Lepidoptera)
Pagiocerus fiorii (Coleoptera)
Pyrausta nubilalis (Lepidoptera)
Sesamia cretica (Lepidoptera)

ZINGIBER:

- Opogona purpuricella* (Lepidoptera)

ZINNIA:

- Frankliniella intonsa* (Thysanoptera)
Haplothrips dianthinus (Thysanoptera)
Orycaerus hyalinipennis (Hemiptera)
Thrips flavus (Thysanoptera)

Hosts Unknown

AIRPLANE:

Acanthoderes circumflexa (Coleoptera)
Adoretus sinicus (Coleoptera)
Aethus indicus (Hemiptera)
Amphimallon majalis (Coleoptera)
Amyna natalis (Lepidoptera)
Anomala orientalis (Coleoptera)
Arcte coerula (Lepidoptera)
Catacanthus carrenoi (Hemiptera)
Chalciope hyppasia (Lepidoptera)
Chalepus acuticornis (Coleoptera)
Conoderus pallipes (Coleoptera)
Crambus ligonellus (Lepidoptera)
Cretonotos gangis (Lepidoptera)
Diaphania itysalis (Lepidoptera)
Diocalandra taitensis (Coleoptera)
Euetheola rugiceps (Coleoptera)
Euricania splendida (Homoptera)
Gnaphalocrocis medinalis (Lepidoptera)
Holcostethus vernalis (Hemiptera)
Lamprolonchaea aurea (Diptera)
Lyctus brunneus (Coleoptera)
Macrocyrtus japonensis (Hemiptera)
Megasoma elephas (Coleoptera)
Melanema aenea (Lepidoptera)
Mirperus ferrugineus (Hemiptera)
Nephotettix bipunctatus (Homoptera)
Nomophila noctuella (Lepidoptera)
Otosema odorata (Lepidoptera)
Ozya velox (Orthoptera)
Pachybrachius nigricipes (Hemiptera)
Perkinsiella vittensis (Homoptera)
Pheidole megacephala (Hymenoptera)
Phurys immunitis (Lepidoptera)
Pieris rapae crucivora (Lepidoptera)
Platypus rugulosus (Coleoptera)
Pyrausta nubilalis (Lepidoptera)
Schoenobius incertulus (Lepidoptera)
Spodoptera mauritia (Lepidoptera)
S. mauritia acronyctoides (Lepidoptera)
S. pecten (?) (Lepidoptera)
Stictoptera subbliqua (Lepidoptera)
Talurus rugosus (Coleoptera)
Theretra tryoni (Lepidoptera)
Trogoderma ornatum (Coleoptera)
Xylomeira torquata (Coleoptera)
Xylorthrips religiosus (Coleoptera)

AQUATIC PLANTS:

Nasutitermes costalis (Isoptera)
Pheidole megacephala (Hymenoptera)
AUTOMOBILE:
Adoretus sinicus (Coleoptera)
Cepaea nemoralis (Mollusca)
Cochlicella barbara (Mollusca)
Dyscinetus laevipunctatus (Coleoptera)
Helicella neglecta (Mollusca)
H. variabilis (Mollusca)
Helix aspersa (Mollusca)
Spodoptera mauritia acronyctoides (Lepidoptera)
Theba pisana (Mollusca)
Trogoderma granarium (Coleoptera)
T. inclusum (Coleoptera)
T. parabile (Coleoptera)

BAGGAGE:

Adoretus sinicus (Coleoptera)
Anacridium aegyptium (Orthoptera)
Ceratitidis capitata (Diptera)
Cylas formicarius elegantulus (Coleoptera)
Euscepes postfasciatus (Coleoptera)
Helicella itala (Mollusca)
Helix aperta (Mollusca)
H. aspersa (Mollusca)
Laspeyresia splendana (Lepidoptera)
Maruca testulalis (Lepidoptera)
Pyrausta nubilalis (Lepidoptera)
Spodoptera mauritia (Lepidoptera)
Sybra alternans (Coleoptera)

BAGGING:

Trogoderma granarium (Coleoptera)
T. parabile (Coleoptera)

BARK:

Nasutitermes corniger (Isoptera)

BURLAP:

Catorama herbarium (Coleoptera)

CARGO—GENERAL:

Edessa rufomarginata (Hemiptera)

CARGO—GENERAL—Continued

Helicella neglecta (Mollusca)
Pieris brassicae (Lepidoptera)
Platycarenum humilis (Hemiptera)
Trogoderma granarium (Coleoptera)

CELLULOSE:

Trogoderma glabrum (Coleoptera)

CLOTHING:

Adoretus sinicus (Coleoptera)
Cryptotermes brevis (Isoptera)

CORAL:

Pheidole megacephala (Hymenoptera)

CRATE:

Copris hispanus (Coleoptera)

CUTTINGS—UNIDENTIFIED:

Pheidole megacephala (Hymenoptera)

DEBRIS:

Otala lactea (Mollusca)
Trogoderma granarium (Coleoptera)

EXCELSIOR:

Spondylis buprestoides (Coleoptera)

FERN:

Hygromia hispida (Mollusca)

FLOWERS:

Adoretus sinicus (Coleoptera)
Bergallia signata (Homoptera)
Bradybaena similis (Mollusca)
Ceresium unicolor (Coleoptera)
Frankliniella formosae (Thysanoptera)
F. intonsa (Thysanoptera)
F. tritici (Thysanoptera)
Haplothrips gowdeyi (Thysanoptera)
Helicella caperata (Mollusca)
Siphanta acuta (Homoptera)
Sybra alternans (Coleoptera)
Taeniothrips atratus (Thysanoptera)
T. hawaiiensis (Thysanoptera)
Theba pisana (Mollusca)
Thrips flavus (Thysanoptera)
T. major (Thysanoptera)
Xiphidiopsis lita (Orthoptera)

FOLIAGE:

Conoderus exsul (Coleoptera)

FOOD:

Monomorium destructor (Hymenoptera)

FOREST LITTER:

Schirius sermaculatus (Hemiptera)

FRUIT—UNIDENTIFIED:

Ceratitidis capitata (Diptera)

GOAT SKINS:

Trogoderma granarium (Coleoptera)

GRAIN:

Trogoderma glabrum (Coleoptera)
T. inclusum (Coleoptera)

HERBARIUM SPECIMENS:

Conotelus mexicanus (Coleoptera)

HERBS:

Helix aspersa (Mollusca)
Lamellaxis micra (Mollusca)
Monomorium destructor (Hymenoptera)
Theba pisana (Mollusca)
Trogoderma inclusum (Coleoptera)

KARAYA GUM:

Trogoderma granarium (Coleoptera)

LEAF—UNIDENTIFIED:

Aleuroplatus variegatus (Homoptera)
Vinsonia stellifera (Homoptera)

LEGUME:

Lampides boeticus (Lepidoptera)
Maruca testulalis (Lepidoptera)

LOG:

Megacyllene spinifera (Coleoptera)

MACARONI:

Trogoderma parabile (Coleoptera)

MAIL PARCEL:

Achaea janata (Lepidoptera)
Adoretus sinicus (Coleoptera)
Conoderus exsul (Coleoptera)
Euscepes postfasciatus (Coleoptera)
Lyctus brunneus (Coleoptera)
Nasutitermes costalis (Isoptera)
Oryzidema fusiforme (Coleoptera)
Spodoptera mauritia acronyctoides (Lepidoptera)
Trogoderma ornatum (Coleoptera)
MILITARY CARGO:
Cochlicella barbara (Mollusca)

*Hosts Unknown—Continued***MILITARY CARGO—Continued***C. ventrosa* (Mollusca)*Conoderus azoricus* (Coleoptera)*Helicella caperata* (Mollusca)*H. cespitum* (Mollusca)*H. cretica* (Mollusca)*H. derbentina* (Mollusca)*H. lornacensis* (?) (Mollusca)*H. maritima* (Mollusca)*H. neglecta* (Mollusca)*H. profuga* (Mollusca)*H. variabilis* (Mollusca)*H. virgata* (Mollusca)*Helix aspersa* (Mollusca)*Monacha carthusiana* (Mollusca)*Otala lactea* (Mollusca)*O. vermiculata* (Mollusca)*Theba pisana* (Mollusca)*Trogoderma ornatum* (Coleoptera)*Xeroleuca mograbina* (Mollusca)**MOLLUSKS:***Pheidole megacephala* (Hymenoptera)*Sitona lineata* (?) (Coleoptera)*Theba pisana* (Mollusca)**MOSS:***Cassida nebulosa* (Coleoptera)**NONE:***Dictyophorus spumans* (Orthoptera)*Helix aspersa* (Mollusca)*H. pomatia* (Mollusca)*Otala vermiculata* (Mollusca)*Theba pisana* (Mollusca)**PACKING:***Leucania loreyi* (Lepidoptera)**PAPER:***Conoderus bifoveatus* (Coleoptera)**PLANTS—UNIDENTIFIED:***Empoasca flavescens* (Homoptera)*Frankliniella intonsa* (Thysanoptera)*Haplothrips aculeatus* (Thysanoptera)*Lygus rugulipennis* (Hemiptera)*Rotruda mucidella olivaceella* (Lepidoptera)*Taeniothrips atratus* (Thysanoptera)*Thrips flavus* (Thysanoptera)**PLANTS—UNIDENTIFIED—Continued***T. major* (Thysanoptera)*Vinsonia stelleri* (Homoptera)**PLYWOOD:***Lyctus brunneus* (Coleoptera)**QUARTERS:***Bothynus cuniculus* (Coleoptera)*Ceratitidis capitata* (Diptera)*Petrusa epilepsis* (Homoptera)*Theba pisana* (Mollusca)*Trogoderma granarium* (Coleoptera)*T. inclusum* (Coleoptera)*T. parabile* (Coleoptera)**RAILWAY CAR:***Trogoderma glabrum* (Coleoptera)*T. parabile***ROOTS—UNIDENTIFIED:***Lyctus africanus* (Coleoptera)**SEEDLAC:***Trogoderma granarium* (Coleoptera)**SEEDS:***Adoretus sinicus* (Coleoptera)*Cochlicella barbara* (Mollusca)*Helicella pyramidata* (Mollusca)**SPHAGNUM MOSS:***Taeniothrips hawaiiensis* (Thysanoptera)**STORES:***Gnorimoschema ocellatella* (Lepidoptera)*Nysius clevelandensis* (Hemiptera)*Trogoderma granarium* (Coleoptera)*T. inclusum* (Coleoptera)*T. ornatum* (Coleoptera)*T. parabile* (Coleoptera)**WOOD:***Callidium rufipenne* (Coleoptera)*Heterobostrychus aequalis* (Coleoptera)*Micrapate labialis* (Coleoptera)*Phleggyas annulicrus* (Hemiptera)*Sinoxylon anale* (Coleoptera)*S. conigerum* (Coleoptera)*Trogoxylon aequale* (Coleoptera)*T. prostomoides* (Coleoptera)*Xylothrips religiosus* (Coleoptera)

Countries of Origin and Insects

- ALGERIA:**
Ceratitis capitata
Cochlicella barbara
C. ventrosa
- AMERICAN SAMOA:**
Haplothrips gowdeyi
Organothrips bianchii
Pheidole megacephala
Xylothrips religiosus
- ANTIGUA:**
Cylas formicarius elegantulus
Vinsonia stellifera
- ARGENTINA:**
Brevipalpus obovatus
Ceratitis capitata
Epinotia aporema
Megacyllene spinifera
Xyleborus biconicus
- ASIA (country(?)):**
Trogoderma granarium
- AUSTRALIA:**
Lepidosaphes tuberculata
Megastigmus limoni
Nysius cienclandensis
Pinnaspis buzi
Plusia chalcites
Pseudaonidia clavigera
Sternochetus mangiferae
Taeniothrips hawaiiensis
T. kellyanus
Tetranychus cinnabarinus
Thrips imaginis
- AUSTRALIA(?):**
Unaspis yanonensis
- AUSTRIA:**
Baris lepidii
Frankliniella intonsa
- AZORES:**
Arion ater
Ceratitis capitata
Cochlicella ventrosa
Conoderus azoricus
Haplothrips cottei
Helix aspersa
Opogona sacchari
Pieris brassicae
Theba pisana
- BAHAMAS:**
Anastrepha mombinpraeoptans
Petrusa epilepsis
Rotruda mucidella olivaceella
Trogoderma ornatum
- BARBADOS:**
Euscepes postfasciatus
Fundella pellucens
Lamellaxis micra
Sphenarches caffer
- BELGIUM:**
Evergestis forficalis
Frankliniella intonsa
Haplothrips gowdeyi
Mamestra brassicae
Phytomyza rufipes
- BERMUDA:**
Bradybaena similaris
Cochlicella ventrosa
Diaprepes famelicus var.
Haplothrips gowdeyi
Lamellaxis micra
Opeas pyrgula
Pheidole megacephala
- BRAZIL:**
Asterolecanium epidendri
Bradybaena similaris
Ceratitis capitata
Chrysomphalus paulistae
C. personatus
Coccotrypes pygmaeus
Cryptotermes brevis
Euscepes postfasciatus
Leucoptera coffeella
Mordellistena cattlejana
Parlatoria cinerea
Pectinophora gossypiella
Pseudaonidia trilobitiformis
Stephanoderes hampei
- BRAZIL—Continued**
Subulina octona
- BRITISH GUIANA:**
Platypus rugulosus
Pseudococcus halli
Vinsonia stellifera
- BRITISH HONDURAS:**
Cerconota anonella
Coptotermes crassus
Edessa rufomarginata
Lamellaxis micra
Opeas pumila
Vinsonia stellifera
- BRITISH WEST INDIES:**
Ceratomyza ruficornis
- BURMA:**
Trogoderma granarium
Trypethus incarnatus
- CANADA:**
Trogoderma ornatum
- CANAL ZONE:**
Cryphula fasciata
Tenthecoris confusus
Trogoderma inclusum
Veronicella moreleti (?)
Vilga dissimilis
Vinsonia stellifera
- CANARY ISLANDS:**
Laspeyresia splendana
- CAPE VERDE ISLANDS:**
Callosobruchus phaseoli
C. subinnotatus
Opogona sacchari
- CENTRAL AMERICA (country(?)):**
Cligenes delineata
Metanema ategua
- CEYLON:**
Trogoderma granarium
- CHILE:**
Aclidea fraterna
Bergallia signata
Brevipalpus chilensis
B. obovatus
Conoderus rufangulus
Geniocremnis chilensis
Leptoglossus chilensis
Listroderes subcinctus
Lygaeus albo-ornatus
Naupactus xanthographus
- CHINA:**
Callosobruchus analis
Cylas formicarius formicarius
Lyctus africanus
Trogoderma granarium
- COLOMBIA:**
Helix aspersa
Iridomyrmex pilifer
Metamasius hemipterus sericeus
Neoleuctodes elegantalis
Platypus rugulosus
Pseudaonidia trilobitiformis
Stenomoma catenifer
Tenthecoris balloui
- COSTA RICA:**
Anastrepha mombinpraeoptans
Chrysomphalus albopictus
C. calurus
C. personatus
C. umboniferus
Heilipus lauri
Leucoptera coffeella
Pheidole megacephala
Prosopodonia balyi
Solaropsis monile
Tropidacris latreillei
Vinsonia stellifera
- CUBA:**
Acanthoderes circumflexa
Aleuroglandulus emmae
Anastrepha mombinpraeoptans
Bradybaena similaris
Ceratomyza ruficornis
Corythaica carinata
Cryptosiphum zeraampelinus
Cylas formicarius elegantulus
Dialeurodes citrifolii

Countries of Origin and Insects—Continued

CUBA—Continued

Gynaikothrips ficorum
Lamellaxis micra
Metamasius hemipterus sericeus
Nasutitermes costalis
Neodryocetes hubbardi
Pheidole megacephala
Phurys immunis
Ribua innoria
Trionymus sacchari
Vinsonia stellifera

CURACAO:

Anastrepha mombinpraeoptans
Cylas formicarius elegantulus
Gymnandrosoma aurantianum

CYPRUS:

Aleurolobus olivinus
Ceratitis capitata

CZECHOSLOVAKIA:

Rhagoletis cerasi

DENMARK:

Bruchus affinis
Frankliniella intonsa
Hygromia hispida
Lema melanopa
Phytomyza rufipes
Rhagoletis cerasi
Smerinthus ocellata
Thrips angusticeps
T. flavus
T. major

DOMINICAN REPUBLIC:

Anastrepha mombinpraeoptans
Cylas formicarius var.
C. formicarius elegantulus
Lamellaxis micra
Monomorium destructor
Pectinophora gossypiella

ECUADOR:

Anastrepha mombinpraeoptans
Lamellaxis gracilis(?)
Laspeyresia fabivora
Metamasius hemipterus sericeus
Pagiocerus fiorii
Platycarenum humilis
Porphyrobaphis tostoma
Solaropsis monile
Stenoma catenifer
Subulina octona

EL SALVADOR:

Anastrepha mombinpraeoptans
A. serpentina
A. striata
Chrysomphalus calurus
Dialeurodes citrifolii
Lyctus brunneus
Stenoma catenifer
Vinsonia stellifera

ENGLAND:

Aleyrodes proletella
Cepaea nemoralis
Euleia heraclei(?)
Frankliniella intonsa
Helix aspersa
Iridothrips iridis
Laspeyresia strobilella
Lema melanopa
Lygus rugulipennis
Miccotrogus picirostris
Orthops cervinus
Pealius azaleae
Phytomyza rufipes
Stenotarsonemus latipes
Taeniothrips atratus
T. dianthi
Thrips flavus
T. major
T. praetermissus
Trogoderma granarium

EUROPE(country(?)):

Trogoderma granarium

FEDERATION OF MALAYA:

Cylas formicarius var.

FIJI ISLANDS:

Frankliniella formosae
Pachybrachius nigriceps

FIJI ISLANDS—Continued

Perkinsiella vitiensis

FORMOSA:

Catacanthus carrenoi
Parlatoria zizyphus
Trionymus sacchari
Trogoderma granarium
Unaspis yanonensis

FORMOSA(?):

Oryza velox

FRANCE:

Aceria macrochelus
A. macrorhynchus
Aculus aceris
Amphimallon majalis
Apion carduorum
Arion ater
Bruchus affinis
B. guttalis
Ceutorhynchus pleurostoma
Cochlicella barbara
Curculio elephas
Egergestis forficatis
Eoetria tessulatana(?)
Frankliniella intonsa
F. tritici
Gnorimoschema ocellatella
Helicella caperata
H. maritima
H. neglecta
H. variabilis
Helix aspersa
H. pomatia
Holcostethus vernalis
Laspeyresia splendana
Mamestra brassicae
Monacha carthusiana
Palpita unionalis
Pieris brassicae
Rhagoletis cerasi
Stenoptilia stigmatodactyla
Taeniothrips atratus
Theba pisana
Thrips flavus
T. major
T. praetermissus

FRANCE(?)

Argyresthia conjugella

FRENCH EQUATORIAL AFRICA:

Sternonchus mangiferae

GERMANY:

Argyresthia conjugella
Cecilioides acicula
Ernobius abietis
Frankliniella intonsa
Helix pomatia
Laspeyresia splendana
Lema erichsoni
Limothrips denticornis
Mamestra brassicae
Megastigmus strobilobius
Phytomyza rufipes
Rhagoletis cerasi(?)
Spondylis buprestoides
Taeniothrips atratus
T. ericae
Thrips flavus
T. major
Trogoderma granarium
T. ornatum

GERMANY(?):

Monomorium destructor

GRAND CAYMAN:

Vinsonia stellifera

GREECE:

Archips pronubanus(?)
Bruchus dentipes
Cecilioides acicula
Ceratitis capitata
Cryptoblabes gnidiella
Dacus oleae
Ectomyelois ceratoniae
Forficula aetolica
Helicella cretica
H. lornacensis(?)
H. maritima

Countries of Origin and Insects—Continued

GREECE—Continued

H. profuga
H. striata(?)
Kaloterpes flavicollis
Otala vermiculata
Theba pisana

GUAM:

Dacus dorsalis
Geotomus pygmaeus
Nephotettix bipunctatus
Sternonchetus mangiferae

GUATEMALA:

Aleurothrixus myrtacei
Anastrepha ludens
A. mombinpraeoptans
Chalepus omiger
Conotelus mexicanus
Conotrachelus perseae
Cylas formicarius elegantulus
Haplothrips gowdeyi
Pangaeus rugiceps
Puto ulter
Stenomoma catenifer
Tenthecoris bicolor
T. vestitus

HAITI:

Anastrepha mombinpraeoptans
A. suspensa(?)
Anomala orientalis
Cerconota anomella
Cylas formicarius elegantulus
Fundella pellucens
Pheidole megacephala
Sphenarches caffer

HAWAII:

Achaea janata
Adoretus sinicus
Araecerus levipennis
Athesapeuta cyperi
Bemisia giffardi
Bradybaena similis
Callosobruchus phaseoli
Catorama herbarium
Ceratitidis capitata
Ceresium unicolor
Ceroplastes rubens
Coccus viridis
Conoderus exsul
Conotelus mexicanus
Cryptophlebia illepidia
Cryptotermes brevis
Cylas formicarius elegantulus
Dacus cucurbitae
D. dorsalis
Dialeurodes kirkaldyi
Diocalandra taitensis
Dynatospeckus calandrodus
Ectomyelois ceratoniae
Euscepes postfasciatus
Haplothrips gowdeyi
Lampides boeticus
Lamprolonchaea aurea
Lepidosaphes tokionis
Lyctus brunneus
Maruca testulalis
Megacerus alternatus
Melanoxanthus melanocephalus
Morganella longispina
Nysius terrestris
Oopsis nutator
Opogona purpuricollis
Orchidophilus aterrimus
Otosema odorata
Oxydema fusiforme
Parlatoria crotonis
P. zizyphus
Pectinophora gossypiella
Pheidole megacephala
Plusia chalcites
Poecilips persicae
Prays fulvocanellus
Pseudonidia clavigera
Pseudococcus palmarum
Selenothrips rubrocinctus
Siphanta acuta
Spodoptera mauritia

HAWAII—Continued

S. mauritia acronyctoides
Sternonchetus mangiferae
Sybra alternans
Taeniothrips hawaiiensis
T. vitticornis
Trionymus sacchari
Xiphidiopsis lila
Xyleborus testaceus

HAWAII(?):

Xylothrips religiosus

HONDURAS:

Anastrepha mombinpraeoptans
Cryphula apaticus
Porphyrobaphis tostoma
Stenomoma catenifer

HONG KONG:

Callosobruchus analis
Carpodina nipponensis
Chilo suppressalis
Cylas formicarius
C. formicarius var.
C. formicarius formicarius
Dialeurodes kirkaldyi
Fiorinia theae
Frankliniella formosae
Maruca testulalis
Parlatoria zizyphus
Trogoderma granarium
Unaspis yanonensis

HUNGARY:

Ceratitidis capitata
Limothrips denticornis
Rhagoletis cerasi

INDIA:

Dialeurodes vulgaris(?)
Heterobostrychus aequalis
Sinoxylon anale
S. conigerum
Sternonchetus mangiferae
Trogoderma granarium
T. inclusum

INDONESIA:

Ceratitidis capitata
Leucinodes orbonalis
Phenacaspis dendrobii
Trogoderma granarium

IRAN:

Trogoderma glabrum
T. granarium

IRELAND:

Dicyphus stachydis
Helicella caperata
Stenotarsonemus laticeps
Taeniothrips atratus
T. ericae
Thrips flavus
T. major

ISRAEL:

Anomala orientalis
Ceratitidis capitata
Cryptoblabes gnidiella
Dacus oleae
Ectomyelois ceratoniae
Gnorimoschema ocellatella
Haplothrips gowdeyi
Helix figulina(?)
Hypoborus ficus
Laspeyresia splendana
Phloeotribus scarabaeoides
Taeniothrips atratus
Thrips angusticeps

ITALY:

Acrolepis assectella
Aleurolobus olivinus
Anacridium aegyptium
Apion carduorum
Archips prunivorus(?)
Ardis sulcata
Brachycerus albidentatus
B. algeris
Bruchidius trifolii
Bruchus lentis
B. signaticornis
P. tristis
Cassida sanguinolenta

Countries of Origin and Insects—Continued

ITALY—Continued

C. vibex
Cecilioides acicula
Ceratitidis capitata
Ceutorhynchus pleurostigma
Chrysolina americana
Cochlicella barbara
C. ventrosa
Cryptoblabes gnidiella
Curculio elephas
C. nucum
Dacus oleae
Dicyphus annulatus
Dyspessa ulula
Ectomyelois ceratoniae
Ephestia calidella
Frankliniella tenuicornis
Helicella conspurcata
H. itala
H. maritima
H. pyramidata
H. variabilis
Helix aperta
H. aspersa
Hemimene juliana
Laspeyresia dorsana (?)
L. splendana
Lobesia botrana
Mamestra brassicae
Otala lactea
O. vermiculata
Parlatoria zizyphus
Phalonia zephyrana
Phytomyza rufipes
Pieris brassicae
Prays oleellus
Pyrausta nubilalis
Rhagoletis cerasi
Sehirus sexmaculatus
Sesamia cretica
Tetranychus cinnabarinus
Theba pisana
Thrips angusticeps
T. major
Trogoderma inclusum
Udea ferrugalis

JAMAICA:

Aganactesis indecora
Anastrepha monbinpraeoptans
Ectomyelois ceratoniae
E. muriscis
Lyctus brunneus
Monomorium destructor
Neodryocetes caribaeus
Palaeopus costicollis
Pectinophora gossypiella
Pseudococcus neobrevipes
Subulina octona
Vinsonia stellifera

JAPAN:

Acrolepis assectella
Aethus indicus
Aleurocanthus spiniferus
Aleurolobus taenabae
Aleurotuberculatus similis
Amyna natalis
Anomala orientalis
Aonidiella inornata
Brevipalpus obovatus
Callidium rufipenne
Carpocina niponensis
Chilo suppressalis
Chrysomphalus bifasciculatus
Coccus pseudomagnoliarum
Cylas formicarius var.
Euscepes postfasciatus
Frankliniella formosae
F. tenuicornis
Haplothrips aculeatus
H. gowdeyi
Hylurgops palliatus
Lampides boeticus
Lepidosaphes pini
L. tuberculata
Leucania loreyi
Macrosctus japonensis

JAPAN—Continued

Mamestra brassicae
Megastigmus tsugaphilus
Morganella longispina
Nezara antennata
Nipponaclerda biwakensis
Nomophila noctuella
Oligonychus perditus
Opeas pyrgula
Parlatoria zizyphus
Pieris rapae crucivora
Planococcus dorsopinosus
Pseudanidia paeoniae
Pseudococcus pini
Pyrausta nubilalis
Selenothrips rubrocinctus
Spodoptera mauritia
S. mauritia acronyctoides
Stictoptera subobliqua
Taeniothrips gracilis
T. hawaiiensis
Thrips flavus
Trogoderma granarium
Unaspis citri
U. yanagisensis

JAPAN (?):

Arcte coerula
Diaphania itysalis
Ectomyelois ceratoniae
Pheidole megacephala

KOREA:

Chilo suppressalis

KUWAIT:

Trogoderma granarium

KWAJALEIN (?):

Pyrausta nubilalis

LEBANON:

Ceratitidis capitata
Cryptoblabes gnidiella
Dacus oleae
Dialeurodes kirkaldyi
Ectomyelois ceratoniae
Trogoderma granarium

LIBERIA:

Leucinodes orbonalis

LIBYA:

Helicella cespitum
H. variabilis
Theba pisana

LUXEMBOURG:

Thrips flavus
Trialeurodes lauri

MEXICO:

Aleurocanthus woglumi
Aleuroglandulus emmae
Aleuroparadozus gardeniae
Aleuroplatus variegatus
Alpheias conspirata
Anastrepha ludens
A. monbinpraeoptans
Anechura vara
Anthonomus albolineatus
Aspidiotus palmarum
Aulacoscelis melanocera
Batrachedra linaria
Bradybaena similis
Cactophagus validirostris
Calypsocephala gerstaeckeri
C. marginipennis
Capaneus tetricus
Chalepus aculeicornis
Charidotis seminulum
Chilo toftini
Chrysomphalus personatus
C. sphaerioides
Citigenes delineta
Coelonertus nigrirostris
Conotelus mexicanus
Conotrachelus aquacatae
C. perseae
Ctenochira hectica
C. hierglyphica
C. plicata
Cylas formicarius elegantulus
Deloyala guttata bohemani
Dendrocoris variegatus

Countries of Origin and Insects—Continued

MEXICO—Continued

Deuteroecampa atomaculata
Diabrotica lepida
D. porracea
Diachus auratus
Dialeurodes citrifolii
Dyscinetus laevipunctatus
Ectomyelois muriscis
Epilachna borealis var.
E. mexicana
Epinotia aporema
Everes comyntas
Exptochiomeria formosa
E. oblonga
Frankliniella williamsi
Gnorimoschena gudmanella
Grapholitha packardii
Gynaikothrips ficorum
Helicina zephyrina
Helix aspersa
Heterotermes convezinotatus
Hileithia decostalis
Homoeogamia mexicana
Iridomyrmex iniquus
Lepidosaphes philococcus
Ligyrocoris aurivilliana
Lygus lineolaris
Micrapate labialis
Moodna bisinuella(?)
Myelobia smerintha
Neoleucinodes elegantalis
Neolobophora inopinata
Ogdoecosta biannularis
O. catenulata
Ophraea maculicollis
Parisoschonus flavolimbatus
Pectinophora gossypiella
Phelypera distigma
Phlegyas annulicrus
Physonota alutacea
Plagiodera congesta
Platoceticus symmetrica
Puto mexicanus
P. uller
Rumina decollata
Stenomma catenifer
Subulina octona
Sylepta reginalis
Talponia batesi
Tenthecoris angustimarginatus
T. bicolor
T. confusus
Trialeurodes similis
T. vitrinellus
Trionymus sacchari
Trochuda raspa
Trogoderma glabrum
T. inclusum
T. ornatum
T. parabile
Trogozylon aequale
T. prostomoides

MIDWAY ISLANDS:

Gnaphalocoris medinalis

MOROCCO:

Cochlicella barbara
C. ventrosa
Helicella caperata
H. maritima
Melopoplax ditomoides
Otala lactea
O. vermiculata
Sitona lineata(?)
Theba pisana
Trogoderma inclusum
T. ornatum
Xeroleuca mognabina

MOROCCO(?):

Copris hispanus

NETHERLANDS:

Acrolepia assectella
Adozophyes orana
Brevipalpus obovatus
Bruchus affinis
Cassida nebulosa
Dialeurodes chittendeni

NETHERLANDS—Continued

Empoasca flavescens
Eriophyes canestrinii
Frankliniella intonsa
Haplothrips aculeatus
Hypera postica
Lygus rugulipennis
Myzus ascalonicus
Phytomyza rufipes
Steneotarsonemus laticeps
Taeniothrips atratus
Tenuipalpus punicae
Tetranychus viennensis
Thrips flarus
T. major
Trogoderma granarium
Unaspis euonymi
 NETHERLANDS NEW GUINEA:
Cosmopolites sordidus
 NETHERLANDS WEST INDIES:
 "Targionia" hartii
 NEW GUINEA:
Cosmopolites sordidus
 NEW ZEALAND:
Lepidosaphes tuberculata
Plusia chalcites
 NICARAGUA:
Anastrepha mombinpraeoptans
A. serpentina
Chrysomphalus calurus
C. personatus
Pseudischchnaspis longissima
 NIGERIA:
Heterobostrychus brunneus
Trogoderma granarium
Xyloperthella picea
 NORTHERN IRELAND:
Phytomyza rufipes
 NORWAY:
Argyresthia conjugella
Evergestis forficalis
Frankliniella intonsa
Taeniothrips atratus
T. ericae
 OKINAWA:
Chalciope hyppasia
Pheidole megacephala
 PAKISTAN:
Sincizylon anale
Trogoderma granarium
Vinsonia stellifera
 PANAMA:
Acanthoscelides armitagei
Anastrepha mombinpraeoptans
Ceciloides acicula
Cephaloleia pretiosa
Megasoma elephas
Metamasius hemipterus sericeus
Nasutitermes corniger
Platypus rugulosus
Subulina octona
Vinsonia stellifera
 PERU:
Delphacodes teapae
Dinoderus bifoveolatus
Pagiocerus fiorii
 PHILIPPINES:
Aethus indicus
Caryedon fuscus
Coptotermes vastator
Cylas formicarius
C. formicarius var.
Ectomyelois ceratoniae
Mirperus ferrugineus
Monomorium destructor
Parlatoria zizyphus
Phenacoccus hirsutus
Polytus mellerborgii
Unaspis yanonensis
 POLAND:
Curculio nucum
Frankliniella intonsa
Haplothrips tritici
Taeniothrips atratus
 PORTUGAL:
Archips pronubanus(?)

Countries of Origin and Insects—Continued

PORTUGAL—Continued

Ardis sulcata
Arion ater
Ceratitis capitata
Cochlicella ventrosa
Cryptoblabes gnidiella
Curculio elephas
Ectomyelois ceratoniae
Helicella caperata
H. variabilis
Laspeyresia splendana
Pyrausta nubilalis
Trogoderma granarium

PUERTO RICO:

Anastrepha mombinpraeoptans
A. suspensa(?)
Ceratomya ruficornis
Crambus ligonellus
Diaprepes abbreviatus var.
Euscepes postfasciatus
Maruca testulalis
Metamasius hemipterus hemipterus
Nasutitermes costalis
Pheidole megacephala

REPUBLIC OF THE CONGO:

Callosobruchus phaseoli
Caryedon fuscus
Cryptophlebia leucotreta

RUMANIA:

Podagrica fuscicornis

SCOTLAND:

Fiebrocapsus flaveolus(?)
Gelechia ericetella
Micrelus ericae
Orthotylus ericetorum
Taeniothrips atratus
T. ericae
Thrips flavus
T. major

SINGAPORE:

Antonina graminis
Cylas formicarius var.
Parlatoria zizyphus
Pinnaspis orchidarum
Trogoderma granarium

SOUTH PACIFIC:

Spodoptera mauritia acronyctoides

SPAIN:

Agriotes lineatus
Arion ater
Brachycerus algerus
Ceratitis capitata
Cochlicella barbara
Cryptoblabes gnidiella
Curculio elephas
Dyspessa ulula
Helicella striata(?)
H. virgata
Helix aspersa
Laspeyresia splendana
Parlatoria zizyphus
Pieris brassicae
Pseudococcus citricus
Theba pisana
Thrips angusticeps

SUDAN:

Trogoderma granarium

SURINAM:

Vinsonia stellifera

SWEDEN:

Argyresthia conjugella
Frankliniella intonsa
Phytomyza rufipes
Taeniothrips atratus

SWITZERLAND:

Adela ochensheimeriella
Laspeyresia strobilella
Psylla rhododendri
Ripersiella cacticans
Stenopitilia stigmatodactyla
Taeniothrips atratus

TAHITI:

Morganella longispina
Parlatoria zizyphus
Selenothrips rubrocinctus

THAILAND:

Cylas formicarius var.
Phyllocnistis citrella(?)

TRINIDAD:

Dercynus micronyx
Euscepes postfasciatus
Sylepia elevata
Vinsonia stellifera

TUNISIA:

Ceratitis capitata

TURKEY:

Blastodacna atra
Ceciloides acicula
Ceratitis capitata
Helicella derbentina
H. variabilis

UNION OF SOUTH AFRICA:

Blissus diplopterus
Ceratitis capitata
Coradylomera spinicornis
Cryptophlebia leucotreta
Dictyophorus spumans
Epichorista ionephela
Frankliniella schultzei
Haplothrips gowdeyi
H. nigricornis
Opogona sacchari
Oryzaenus rufiventris
Phlyctinus callosus
Trogoderma granarium

UNION OF SOVIET SOCIALIST REPUBLICS:

Agriotes obscurus
Petrova resinella

UNITED ARAB REPUBLIC:

Ceratitis capitata
Dacus oleae
Gnorimoschema ocellatella
Hellula undalis
Lobesia botrana
Trogoderma granarium

UNKNOWN:

Amphimallon majalis
Anastrepha ludens
Argyresthia conjugella
Bothynus cuniculus
Ceratitis capitata
Chilo suppressalis
Conoderus bisoveatus
C. pallipes
Cretonotos gangis
Diocalandra tailensis
Euethola rugiceps
Euricania splendida
Frankliniella intonsa
Haplothrips dianthinus
Hypera nigritrostris
Limothrips denticornis
Lyctus brunneus
Myzus ascalonicus
Oryzaenus hyalinipennis
Parlatoria cinerea
P. zizyphus
Plagiognathus albipennis
Rhagoletis cerasi
Spodoptera pecten(?)
Sternonchetus mangiferae
Taeniothrips atratus
Tetranychus cinnabarinus
Theba pisana
Thrips angusticeps
T. flavus
T. major
Trogoderma granarium
T. inclusum
T. ornatum
T. parabile
Unaspis citri
Xylomeira torquata

VENEZUELA:

Rephrata maculicollis
Stenoma catenifer
Subulina octona
Taturus rugosus

Countries of Origin and Insects—Continued

VIETNAM:

*Heterobostrychus aequalis**Monomorium destructor*

WAKE ISLAND(?):

*Conoderus pallipes**Nomophila noctuella**Pachybrachius nigriceps**Pyrausta nubilalis*

WEST PACIFIC:

Aethus indicus

WEST PACIFIC—Continued

*Frankliniella formosae**Pyrausta nubilalis**Schoenobius incertulas**Taeniothrips hawaiiensis**Theretra tryoni*

YUGOSLAVIA:

*Baris lepidii**Hypoborus ficus**Laspeyresia splendana*

Pests Collected and Reported From July 1, 1959, Through June 30, 1960

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
‡ <i>Alternaria celosiae</i> (Tassi) Savulescu: <i>Celosia argentea</i> (feather cockscomb).....	Mexico.....	1			Tex.
† <i>Alternaria cucumerina</i> (Ell. & Ev.) J. A. Elliott: <i>Cucurbita</i> sp.....	Union of South Africa.....		1		Tex.
† <i>Alternaria dianthi</i> F. L. Stevens & J. G. Hall: <i>Dianthus caryophyllus</i> (carnation) leaf.....	Argentina.....	1			N.Y.
† <i>Alternaria zinniae</i> Pape: <i>Zinnia elegans</i> (common zinnia) seed.....	England, Germany.....			2	N.J.
<i>Anguina tritici</i> (Steinbuch) Filip.: <i>Triticum monococcum</i> (wild einkorn) seed.....	Italy(?).....	1			N.J.
‡ <i>Aphelenchoides blastophthorus</i> Franklin: <i>Convallaria majalis</i> (lily-of-the-valley).....	England.....			1	N.Y.
<i>Aphelenchoides fragariae</i> (Ritzema Bos) Christie: <i>Bletilla hyacinthina</i> (orchid) stem.....	Japan.....			1	N.J.
† <i>Aphysa rhynchosiae</i> (Kalehb. & Cke.) Th. & Syd.: <i>Fumaria</i> sp. (herbarium specimen).....	Canada.....	1			N.J.
† <i>Ascochyta conorum</i> P. Henn.: <i>Picea</i> sp. (spruce) cone scale.....	France.....			1	N.Y.
† <i>Ascochyta fabae</i> Speg.: <i>Vicia faba</i> (broadbean) seed.....	Italy.....			2	N.Y.
‡ <i>Asterina pulchella</i> Petr.: <i>Polygala jamaicensis</i> (leaf).....	Jamaica.....	1			Mass.
† <i>Atichia glomerulosa</i> (Ach.) Stein: <i>Abies</i> sp. (fir) stem.....	Germany.....	1			Oreg.
‡ <i>Camarosporium citri</i> McAlp.: <i>Citrus limon</i> (lemon).....	Australia.....		1		Hawaii.
<i>Cercospora angraci</i> Feuill. & Roum.: <i>Stanhopea</i> sp. (orchid) leaf.....	Ecuador.....			1	N.Y.
<i>Cercospora brachiata</i> Ell. & Ev.: <i>Phaseolus vulgaris</i> var. (string bean) pod.....	Puerto Rico.....	1			Ill.
<i>Cercospora cypripedium</i> Ell. & Dearn.: <i>Lycaste</i> sp. (orchid) leaf.....	Mexico.....			1	Tex.
<i>Cercospora kaki</i> Ell. & Ev.: <i>Diospyros kaki</i> (kaki persimmon).....	Japan.....		1		Calif.*
† <i>Cercospora purpurea</i> Cke.: <i>Persea americana</i> (avocado).....	Guatemala.....		1		Tex.
‡ <i>Cercospora liliicola</i> (Richon) Sacc.: <i>Lapageria rosea</i> (red chilebells) leaf.....	Chile.....		1		Fla.
<i>Chrysomyxa ledi</i> d By. var. <i>rhododendri</i> (d By.) Savile: <i>Rhododendron ferrugineum</i> (rock rhododendron) leaf.....	†Italy, Switzerland.....	12			N.J.
<i>R. glaucum</i> (spiceleaf rhododendron) leaf.....	Canada.....			1	Wash.
<i>R. hirsutum</i> (garland rhododendron) leaf.....	†Italy, Switzerland.....	3			N.J.
<i>R. uniflorum</i> (leaf).....	Canada.....			1	Wash.
<i>Rhododendron</i> sp. (leaf).....	Austria, Switzerland, †Yugoslavia.....	9			Ill., Mass., N.Y.
‡ <i>Cladosporium epiphyllum</i> (Pers.) Mart. var. <i>acerinum</i> Sacc.: <i>Acer platanoides</i> (Norway maple) seed.....	Union of Soviet Socialist Republics.....			1	D.C.
† <i>Coleosporium asterum</i> (Diet.) Syd.: <i>Callistephus chinensis</i> (China aster).....	Cuba.....	1			Fla.
† <i>Coniothecium citri</i> McAlp.: <i>Citrus paradisi</i> (grapefruit).....	Union of South Africa.....		1		Tex.
† <i>Coniothecium scabrum</i> McAlp.: <i>Citrus limon</i> (lemon).....	Portugal.....		1		Fla.
<i>C. reticulata</i> (Mandarin orange).....	Japan.....		1		Fla.
† <i>Coniothyria agaves</i> (Dur. & Mont.) Petr. & Syd.: <i>Agave victoriae-reginae</i>	Mexico.....			1	Tex.
† <i>Coniothyrium aucubae</i> Sacc.: <i>Aucuba japonica</i> (leaf).....	Belgium.....			1	N.J.
† <i>Coniothyrium insidiosum</i> Sacc.: <i>Prunus persica</i> (peach).....	Mexico.....	1			Tex.
† <i>Coryneum triseptatum</i> Pk.: <i>Rhododendron yakushimanum</i>	Japan.....			1	Hawaii.
<i>Cryptospora longispora</i> Servazzi: <i>Araucaria excelsa</i> (Norfolk-Island-pine) seed.....	New Zealand, Norfolk Island.....			13	Calif.,* N.J.
<i>Cumminsiella mirabilissima</i> (Pk.) Nannf.: <i>Mahonia aquifolium juglandifolia</i> 'Vicar'.....	Netherlands.....			1	D.C.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1959, Through June 30, 1960—Continued

Pest and host	Country of origin	Number of inter- ceptions in—			Collected in—
		Consump- tion	Nonentry	Propaga- tion	
† <i>Curvularia geniculata</i> (Tracy & Earle) Boed.: <i>Oryza sativa</i> (rice) glumes.....	Brazil.....	1			Fla.
<i>Cylindrosporium camelliae</i> Gz. Frag.: <i>Camellia japonica</i> (common camellia).....	Japan.....			1	Calif.*
† <i>Cytospora intermedia</i> Sacc.: <i>Quercus palustris</i> (pin oak) seed.....	Italy.....			1	N.J.
† <i>Cytospora palmicola</i> Berk. & Curt.: <i>Cocos nucifera</i> (coconut) husk.....	Cuba, Guam.....	1		1	Fla., Hawaii.
† <i>Dasturella divina</i> (Syd.) Mund. & Keshw.: <i>Sasa palmata</i> (bamboo) leaf.....	Formosa.....	1			Oreg.
<i>Dendrophoma obscurans</i> (Ell. & Ev.) H. W. Anderson: <i>Fragaria</i> sp. (strawberry) leaf.....	Germany.....			1	N.Y.
<i>Diaporthe eres</i> Nits.: <i>Araucaria excelsa</i> (Norfolk-Island-pine) seed.....	Norfolk Island.....			1	N.Y.
<i>Corylus avellana</i> 'Curly'.....	Netherlands.....			1	N.Y.
<i>Cotinus coggygria</i> 'Rubrifolia'.....	do.....			1	N.Y.
<i>Diplodia epicoccos</i> Cke.: <i>Cocos nucifera</i> (coconut) husk.....	†Bahamas, Guam.....	5			Fla., Hawaii.
† <i>Diplodia henriquesiana</i> Trav. & Spessa: Orchid (stem).....	Burma.....			1	N.Y.
<i>Diplodina eurhododendri</i> Voss: <i>Rhododendron laetevirens</i> (Wilson rhododen- dron) leaf.....	Netherlands.....			1	N.J.
<i>R. racemosum</i> (Mayflower rhododendron) leaf and bud.....	do.....			1	N.Y.
<i>Ditylenchus destructor</i> Thorne: <i>Dahlia</i> 'Fairy Glen', 'Flora', 'Frolic', 'Lady Jester', 'Match', 'Smiler', 'Sun Rocket', and 'White Gold' (roots). <i>Dahlia</i> hybrids (roots).....	Union of South Africa.....			5	N.J.
<i>Tigridia</i> sp. (bulbs).....	†Switzerland.....			1	N.J.
<i>Ditylenchus dipsaci</i> (Kühn) Filip.: <i>Allium cepa</i> (onion).....	Germany.....			1	N.J.
<i>A. sativum</i> (garlic).....	Netherlands.....			1	N.J.
<i>Narcissus</i> 'Lemon Doric'.....	Mexico.....	3			Ariz., Tex.
<i>Narcissus</i> sp.	England.....			1	N.J.
† <i>Dothiorella pericarpica</i> Sacc.: <i>Macrozamia denisonii</i> (cycad) seed.....	do.....			1	N.J.
† <i>Echidnodes bromeliacearum</i> (Rehm) Th. & Syd. var. <i>stellulata</i> (Rehm) F. L. Stevens: <i>Bromeliad</i> (leaf).....	Australia.....			1	Calif.*
† <i>Echidnodes dendrochili</i> (Lév.) Th.: <i>Odontoglossum bictoniense</i> (orchid).....	Costa Rica.....			1	Fla.
<i>Elsinoe australis</i> Bitanc. & Jenkins: <i>Citrus aurantifolia</i> (lime).....	Mexico.....			1	Tex.
<i>C. limon</i> (lemon).....	Brazil.....		3		Calif.*
	Argentina, Brazil.....		19		Calif.,* Fla., N.Y., Pa., Tex.
<i>C. reticulata</i> (Mandarin orange).....	Argentina, Brazil, un- known.....	3	21		Fla., N.Y.
<i>C. sinensis</i> (sweet orange).....	Argentina, Brazil, un- known, Uruguay.....	4	48		Calif.,* Fla., Md., Mass., N.Y., Pa., Tex.
<i>Elsinoe mangiferae</i> Bitanc. & Jenkins: <i>Mangifera indica</i> (mango).....	Brazil, Mexico.....	2			N.Y., Tex.
† <i>Elsinoe piri</i> Jenkins: <i>Malus sylvestris</i> (apple).....	Germany.....		1		Fla.
† <i>Entomosporium maculatum</i> Lév.: <i>Cydonia oblonga</i> (quince).....	Guatemala.....	2			Calif.,* Fla.
<i>Fusarium oxysporum</i> Schlecht.: <i>Platyodon</i> sp. (root).....	Japan.....			1	N.J.
† <i>Fusarium oxysporum</i> Schlecht. f. <i>phaseoli</i> Ken- drick & Snyder: <i>Phaseolus vulgaris</i> (bean) pods and seeds.....	Netherlands.....	1			Mich.
<i>Fusicoccum galeiuculatum</i> (Tul.) Sacc.: <i>Fagus sylvatica</i> (European beech) stem.....	do.....			2	N.J., N.Y.
† <i>Gotholdsteineria goodayi</i> (Loof & Oostenbrink) Andrassy: Soil with various plants.....	Canada.....			1	Mass.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1959, Through June 30, 1960—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
"Greasy spot": <i>Citrus sinensis</i> (sweet orange) leaf.....	Mexico.....	1			Ariz.
<i>Gymnosporangium harae</i> (Syd.).....	Japan.....			4	Calif.,* Hawaii.
<i>Juniperus chinensis</i> (pyramid Chinese juniper) dwarf tree.....	do.....			1	Hawaii.
<i>J. chinensis</i> var. <i>sargentii</i>	do.....			1	Hawaii.
<i>Pyrus</i> sp.....	do.....			1	Hawaii.
<i>Gymnosporangium yamadae</i> Miy.: <i>Malus sylvestris</i> (apple).....	do.....		1		Hawaii.
† <i>Haplosporella dracaenorum</i> (Penz. & Sacc.) Petr.: <i>Dracaena</i> sp. (leaf).....	Trinidad.....		1		Fla.
<i>Helicotylenchus nannus</i> Steiner: Soil with plants (<i>Begonia</i> sp., cactus, <i>Crocus</i> sp., fern, <i>Mentha</i> sp., <i>Pelargonium</i> sp., and <i>Rosa</i> hybrid).....	Mexico, †Portugal.....			7	Fla., Mass., Tex.
<i>Helminthosporium torulosum</i> (Syd.) Ashby: <i>Musa paradisiaca</i> (plantain).....	Cuba, †Guatemala.....	3			Fla., La.
<i>Heterodera avenae</i> (Wr.) Filip.: Soil with automobiles (new Jaguars).....	England.....	1			Tex.
Soil with <i>Brassica oleracea capitata</i> (cabbage).....	Ireland.....	1			Mass.
Soil with <i>Solanum tuberosum</i> (potato).....	England, Germany.....		2		Fla., Tex.
<i>Heterodera cacti</i> Filip. & Schuurm. Stek.: Soil samples.....	Mexico.....	1			Ariz.
Soil with plants (<i>Begonia</i> sp., cactus, <i>Citrus</i> sp., <i>Coleus</i> sp., Crassulaceae, <i>Mentha spicata</i> , and various potted plants).....	Brazil, Germany, Mexico, New Zealand, Switzerland.....			21	Ariz., Calif.* Mich., N.J., Tex.
Soil with railway car.....	Mexico.....		3		Ariz., Tex.
<i>Heterodera punctata</i> Thorne: Soil with automobiles.....	England.....	5			Ala., Fla., Md., Tex.
Soil with plants (<i>Calluna vulgaris</i> , <i>Ficus elastica</i> , Malvaceae, <i>Philodendron</i> sp., <i>Rosa</i> hybrid, and unidentified plants).....	†Canada, †Czechoslovakia, Mexico, Northern Ireland, Scotland.....			6	Fla., Mass., Mich., Tex.
<i>Heterodera rostochiensis</i> Wr.: Soil (vial in purse).....	England.....	1			N.J.
Soil with automobiles (new and used).....	England, Germany.....	5			Ala., Fla., Tex.
Soil with <i>Picea</i> sp. (spruce).....	Germany.....	1			Mass.
Soil with plants (unidentified and <i>Zantedeschia aethiopica</i>).....	Mexico.....			2	Calif., Tex.
Soil with stores (<i>Allium porrum</i> , <i>Apium graveolens</i> , <i>Armoracia rusticana</i> , <i>Beta vulgaris</i> , <i>Solanum tuberosum</i> , and <i>Ullucus tuberosus</i>).....	Argentina, England, Germany, Peru, Spain.....		10		Fla., La., Md., Mass., Tex.
<i>Heteropatella veltellinensis</i> (Trav.) Wr.: <i>Dianthus</i> sp.....	Canada.....			1	Wash.
† <i>Heterosporium allii</i> Ell. & G. Mart.: <i>Allium cepa</i> (onion) tops.....	Japan.....		2		Calif.*
<i>A. porrum</i> (leek).....	Guatemala, Japan.....		2		Calif.,* Fla.
<i>Heterosporium ornithogali</i> (Klotzsch) Cke.: <i>Ornithogalum thyrsoides</i> (Cape chinkerichie).....	Union of South Africa.....	3			Mass., N.J.
<i>Hormiscium pinophyllum</i> (Nees) Lind.: <i>Abies</i> sp. (fir) stem.....	Germany.....	1			Oreg.
† <i>Karstenula philadelphia</i> Oud.: <i>Philadelphus virginialis</i> 'Virginal'.....	Netherlands.....			1	Wash.
† <i>Lembosia warszewicziae</i> P. Henn.: <i>Mazillaria</i> sp. (orchid).....	Costa Rica.....			1	Fla.
† <i>Leptosphaeria coffeigena</i> (Berk. & Cke.) Sacc.: <i>Coffea</i> sp. (coffee) leaf.....	do.....	1			Tex.
† <i>Macrophoma anthurii</i> Trinch.: <i>Anthurium</i> sp. (leaf).....	Trinidad.....			1	Fla.
<i>Macrophoma araucariae</i> De Lac.: <i>Araucaria excelsa</i> (Norfolk-Island-pine) seed.....	New Zealand, Norfolk Island.....			12	Calif.*
† <i>Macrophoma cocos</i> Pass.: <i>Cocos nucifera</i> (coconut) caps.....	Costa Rica.....	6			Calif.*
<i>Macrophoma oleandri</i> Pass.: <i>Nerium oleander</i> (leaf).....	Bermuda.....	1			Mass.
† <i>Marmor cucumeris</i> Holmes: <i>Daphne cneorum</i> 'White'.....	England.....			1	N.J.
<i>Marmor rosae</i> Holmes: <i>Rosa</i> hybrid (leaf).....	†Cuba, Guatemala.....	1	1		Fla.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1959, Through June 30, 1960—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Marssonina juglandis</i> (Lib.) Magn.:					
<i>Juglans regia</i> (Persian walnut) leaf	Greece	1			N.Y.
<i>Meliolina haplochaeta</i> Syd.:					
<i>Metrosideros</i> sp. (iron tree)	Hawaii	1			Hawaii.
<i>Meloidogyne arenaria</i> (Neal) Chitwood:					
<i>Begonia</i> sp. (plant)	Mexico			1	Tex.
<i>Caladium</i> x <i>hortulanum</i> 'Candidum' (tuber)	Guatemala			1	N.J.
<i>Dahlia</i> hybrids (roots)	Japan			2	Calif.,* Wash.
<i>Euonymus alatus</i> (winged euonymus) plants	do			1	Calif.*
<i>Gladiolus</i> hybrid (corms)	do			10	Calif.,* Wash.
Plants—unidentified	Mexico			1	Tex.
<i>Zantedeschia</i> sp. (calla lily) bulb	Japan			1	Fla.
<i>Meloidogyne hapla</i> Chitwood:					
<i>Acanthus perrinii</i> (root)	England			1	N.J.
<i>Callicarpa</i> sp. (beautyberry) root	Netherlands			1	N.Y.
<i>Clematis viticella</i> aiba 'Luxurians'	England			1	N.J.
<i>Clematis</i> hybrid (roots)	Netherlands			2	N.J., N.Y.
<i>Dahlia</i> hybrid (roots)	Australia, Japan			2	Calif.,* Wash.
<i>Gladiolus</i> hybrid (corm)	Japan			1	Calif.*
<i>Hepatica</i> sp. (root)	Netherlands			1	N.Y.
<i>Leontopodium alpinum</i> (common edelweiss) root	do			1	N.Y.
<i>Rosa</i> hybrid (roots)	Germany, †Northern Ireland			3	N.J.
<i>Meloidogyne incognita</i> (Kofoid & White) Chitwood:					
<i>Brassica rapa</i> (turnip)	Mexico	2			Tex.
<i>Gladiolus</i> hybrid (corms)	Japan			10	Calif.*
<i>Polianthes tuberosa</i> (tuberose)	do			2	Calif.*
<i>Meloidogyne incognita acrita</i> Chitwood:					
<i>Astilbe</i> 'Red Sentinel' (root)	Netherlands			1	N.J.
<i>Coriandrum sativum</i> (coriander) root	†Dominican Republic	1			Fla.
<i>Echeveria</i> sp. (root)	Cuba	1			N.Y.
<i>Euphorbia</i> sp. (root)	Mexico			1	Ariz.
<i>Gladiolus</i> hybrid (corms)	Japan			4	Calif.,* Wash.
<i>Solanum tuberosum</i> (potato)	Brazil		1		Pa.
<i>Thunbergia</i> sp. (clock vine) root	do			1	D.C.
<i>Meloidogyne javanica</i> (Treub.) Chitwood:					
<i>Adenia globosa</i> (plant)	Kenya			1	Calif.*
<i>Colocasia esculenta</i> (dasheen)	Cuba		1		Pa.
<i>Dahlia</i> hybrid (root)	Japan			1	Wash.
<i>Lycopersicon esculentum</i> (tomato) root	†Haiti	1			P.R.
† <i>Microperis orchidearum</i> P. Henn. (?)					
<i>Miltonia roezlii</i> (paussorchid)	Canal Zone			1	Fla.
† <i>Microstroma tonellianum</i> Ferr.:					
<i>Prunus serotina</i> (black cherry) pits	Unknown		1		Mich.
<i>Monilinia fructigena</i> (Aderh. & Ruhl.) Honey:					
<i>Malus sylvestris</i> (apple)	Italy, †Norway	2			N.Y.
<i>Prunus domestica</i> (plum)	†Czechoslovakia	1			N.Y.
<i>Mycosphaerella cattleyae</i> Cash & Watson:					
<i>Sobralia leucoxantha</i> (orchid) leaf	Canal Zone			1	Fla.
<i>Mycosphaerella fragariae</i> (Tul.) Lind.:					
<i>Fragaria</i> sp. (strawberry) leaves	Germany			2	Mass.
<i>Mycosphaerella schoenoprasii</i> (Ces. & de N.) Schroet.:					
<i>Allium cepa</i> (onion)	Belgium, Japan		14		Calif.*
<i>A. cepa solaninum</i> (multiplier onion) leaf	Japan		1		Calif.*
<i>A. porrum</i> (leek) leaves	do		20		Calif.,* Hawaii.
<i>A. sativum</i> (garlic) bulb and leaf	France, †Mexico	1	1		Calif.*
<i>Neovossia horrida</i> (Tak.) Padw. & A. Khan:					
<i>Oryza sativa</i> (rice) grain and hulls	Japan		58		Calif.*
† <i>Papularia sphaerosperma</i> (Lk.) Hoehn.:					
Bamboo (dried stem)	Bermuda, Switzerland	2			Calif.,* Mass.
† <i>Papularia vinosa</i> (Berk. & Curt.) Mason:					
Orchid (leaf)	Ecuador			1	Calif.*
† <i>Papulaspora rubida</i> Hotson:					
<i>Tulipa</i> hybrid (bulb)	Switzerland			1	Ill.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1959, Through June 30, 1960—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
† <i>Peronospora schachtii</i> Fekl.: <i>Beta vulgaris cicla</i> (Swiss chard).....	Japan.....		1		Calif.*
<i>Phaeoseptoria oryzae</i> Miyake: <i>Oryza sativa</i> (rice).....	do.....	1			Hawaii.
† <i>Phakopsora gossypii</i> (Arth.) Hirat. f.: <i>Gossypium</i> sp. (cotton; leaf).....	Bahamas.....	1			Nassau.
<i>Phoma citricarpa</i> McAlp.: <i>Citrus aurantium</i> (sour orange).....	Japan.....		1		Calif.*
<i>C. grandis</i> (pummelo).....	Hong Kong.....		1		Calif.*
<i>C. ichangensis</i> x <i>C. reticulata</i> (ichandarin).....	Japan.....		1		Calif.*
<i>C. limon</i> (lemon).....	Australia, Union of South Africa, unknown.		10		Calif.* Hawaii, Mich., N.Y., Tex.
<i>C. paradisi</i> (grapefruit).....	Australia, Thailand, Union of South Africa.		3		Calif.* Hawaii.
<i>C. reticulata</i> (Mandarin orange) fruit and dried peel.	China, Formosa, Hong Kong, Japan.	14	5		Calif.* Hawaii, Wash.
<i>C. sinensis</i> (sweet orange) fruit and dried peel..	Africa (country(?)), Australia, Brazil, China, Federation of Malaya, Formosa, Hong Kong, Japan, Mozambique, New Zealand, Union of South Africa, unknown.	21	36		Calif.* Fla., Ga., Hawaii, La., Md., Mass., Mich., N.J., N.Y., Pa., Tex., Va., Wash.
<i>Citrus</i> sp. (fruit and dried peel).....	China, Formosa, Hong Kong, Japan, unknown.	14	2		Calif.* Fla., Hawaii, Mass., Mich., Tex.
<i>Phoma herbarum</i> West.: <i>Erigeron glaucus</i> 'Forsters Liebling'.....	England.....			1	N.J.
† <i>Phoma nebulosa</i> (Fr.) Berk.: <i>Pastinaca sativa</i> (parsnip).....	Germany.....		1		Calif.*
<i>Phoma samararum</i> Desm.: <i>Frazinus excelsior</i> (European ash) seed.....	Italy.....			1	N.J.
† <i>Phoma weigeliae</i> Speg.: <i>Weigelia</i> 'Golden Horn' (stem).....	England.....			1	N.J.
<i>Phomopsis cocoes</i> Petch.: <i>Cocos nucifera</i> (coconut).....	Hawaii, unknown.....	2			Calif.,* Tex.
<i>Phomopsis palmicola</i> (Wint.) Sacc.: <i>Areca catechu</i> (betel nut) caps.....	Guam.....	1			Calif.*
† <i>Phomopsis pterophyllia</i> (Fekl.) Died.: <i>Frazinus excelsior</i> (European ash) seed.....	Italy.....			1	N.J.
† <i>Phomopsis velata</i> (Sacc.) Hoehn.: <i>Tilia</i> sp. (scions).....	Netherlands.....			1	N.J.
<i>Phyllachora canafistulae</i> F. L. Stevens & Dalbey: <i>Cassia grandis</i> (pinkshower senna) leaf.....	Canal Zone.....			1	Fla.
<i>Phyllachora engleri</i> Speg.: <i>Anthurium</i> sp. (leaf).....	Colombia.....			1	Fla.
<i>Phyllosticta aucubicola</i> Sacc.: <i>Aucuba japonica</i> (leaf).....	Belgium.....			1	N.J.
† <i>Phyllosticta capitalensis</i> P. Henn.: Orchid (leaf).....	Brazil.....			1	N.Y.
† <i>Phyllosticta coccolobae</i> Ell. & Ev.: <i>Coccoloba uviferum</i> (seagrape) leaf.....	Mexico.....			1	Tex.
† <i>Phyllosticta hedericola</i> Dur. & Mont.: <i>Hedera</i> sp. (ivy) leaf.....	England(?).....		1		N.Y.
† <i>Phyllostictina musarum</i> (Oke.) Petr.: <i>Musa</i> sp.....	Japan(?).....		1		Hawaii.
† <i>Phyalospora wildemaniana</i> Sacc.: <i>Dendrobium</i> sp. (leaf).....	Thailand.....			1	N.Y.
† <i>Pleospora phragmospora</i> (Dur. & Mont.) Ces.: <i>Agave</i> sp.....	Mexico.....			1	Tex.
† <i>Pleospora trichostoma</i> (Fr.) Fekl.: <i>Secale cereale</i> (rye) stem.....	Turkey.....	1			Tex.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1959, Through June 30, 1960—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
† <i>Plowrightia virgultorum</i> (Fr.) Sacc.:					
<i>Betula</i> sp. (birch) bark	Finland	1			N.Y.
† <i>Pratylenchus penetrans</i> (Cobb) Sher & Allen:					
<i>Dahlia</i> 'African Jewel', 'Pretoria', 'Rhapsody', and 'Smiler' (roots).	Union of South Africa			2	N.J.
<i>Dahlia</i> 'Arthur Hambley', 'Earlwood', 'Golden Dust', and 'Jan. Whitby' (roots).	Australia			2	N.J.
<i>Dahlia</i> 'Caroline Kernochan' (roots)	Canada			1	N.J.
† <i>Pratylenchus pratensis</i> (de Man) Filip.:					
<i>Iris kaempferi</i> 'Utamaro' (roots)	Czechoslovakia			1	N.J.
<i>Pseudomonas marginalis</i> (N. A. Brown) F. L. Stevens:					
<i>Cichorium endivia</i> (endive)	Belgium	1			N.Y.
<i>Pseudomonas tonelliana</i> (Ferr.) Burk.:					
<i>Nerium oleander</i> (leaf and pod)	†Greece, Mexico	1		1	N.Y., Tex.
<i>Psilenchus hilarulus</i> de Man:					
Soil with fern and unidentified plant.	Mexico			2	Tex.
† <i>Puccinia antirrhini</i> Diet. & Holw.:					
<i>Antirrhinum majus</i> (snapdragon) leaf	Ireland	1			Mass.
† <i>Puccinia arachidis</i> Speg.:					
<i>Arachis hypogaea</i> (peanut) leaf	Brazil			1	D.C.
<i>Puccinia arenariae</i> (Schum.) Wint.:					
<i>Gypsophila</i> sp. (baby's breath) leaf	Portugal	1			N.Y.
<i>Puccinia baccharidis</i> Diet. & Holw.:					
<i>Baccharis glutinosa</i> (seepwillow baccharis)	Mexico	1			Ariz.
<i>Puccinia buxi</i> DC.:					
<i>Buxus sempervirens</i> (boxwood)	France	1			N.J.
† <i>Puccinia cyperi</i> Arth.:					
<i>Cyperus</i> sp. (?)	Brazil	1			Fla.
† <i>Puccinia gentianae</i> (Strauss) Lk.:					
<i>Gentiana acaulis</i> (stemless gentian) basal leaf	France	1			N.J.
<i>Puccinia hordei</i> Othth:					
<i>Hordeum vulgare</i> (barley)	Japan		1		Wash.
<i>Puccinia horiana</i> P. Henn.:					
<i>Chrysanthemum</i> sp.	do	26	9		Calif.,* Hawaii, N.Y., Wash.
<i>Puccinia longicornis</i> Pat. & Har.:					
<i>Sasa albomarginata</i> (bamboo) leaf	do		1		Calif.*
† <i>Puccinia nakanishikii</i> Diet.:					
<i>Cymbopogon citratus</i> (lemongrass) leaf	do		1		Calif.*
<i>Puccinia oblecta</i> Pk.:					
<i>Cyperaceae</i> (stem)	Mexico	1			Tex.
<i>Scirpus tatora</i> (bulrush) stem	do	1			Tex.
<i>Scirpus</i> sp. (stem)	†Union of South Africa	1			N.Y.
† <i>Puccinia oncidii</i> Cummins:					
<i>Oncidium pubes</i> (orchid) leaf	Brazil			1	Calif.*
<i>Oncidium</i> sp. (leaf)	Ecuador			1	Calif.*
† <i>Puccinia poae-nemoralis</i> Othth:					
<i>Phleum</i> sp. (timothy grass) leaf and stem	Japan		1		Calif.*
† <i>Puccinia praegracilis</i> Arth. var. <i>praegracilis</i> Savile:					
<i>Habenaria leucostachys</i> (milkwhite habenaria)	Alaska			1	Wash.
<i>Habenaria</i> sp.	do			1	Wash.
† <i>Puccinia schedonnardi</i> Kell. & Swing.:					
<i>Gossypium</i> sp. (cotton; boll)	Bermuda	1			N.Y.
<i>Puccinia striiformis</i> West.:					
<i>Secale cereale</i> (rye) stem	Germany	1			Wash.
<i>Triticum aestivum</i> (wheat)	†Iran, †Union of Soviet Socialist Republics.	2			Calif.,* N.Y.
† <i>Puccinia violae</i> (Schum.) DC.:					
<i>Viola</i> sp. (violet) leaf	Italy	1			N.Y.
† <i>Pucciniastrum arcticum</i> Tranz.:					
<i>Rubus chamaemorus</i> (cloudberry) leaf	Norway			1	N.Y.
<i>Pyrenochaeta oryzae</i> Shirai:					
<i>Oryza sativa</i> (rice) leaf and stem	Japan		1		Calif.*
† <i>Pyrenophora graminea</i> Ito & Kuribay:					
<i>Triticum</i> sp. (wheat) leaf	do		1		Calif.*
† <i>Sclerotinia candolleana</i> (Lev.) Fekl.:					
<i>Quercus</i> sp. (oak) leaf	England			1	Ill.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1959, Through June 30, 1960—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Sclerotopsis concava</i> (Desm.) Shear & Dodge:					
<i>Paeonia</i> sp. (peony) stem	Netherlands			1	N.Y.
† <i>Scolecopeltidium bakeri</i> F. L. Stevens & Manter:					
<i>Miltonia roezlii</i> (pansyorchid)	Canal Zone			1	Calif.*
<i>Oncidium ornithorhynchum</i> (orchid) leaf	Mexico			1	Tex.
Orchid (leaf)	do.			1	Tex.
<i>Scutellonema brachyurum</i> (Steiner) Andrassy:					
Soil with cactus and unidentified plants	Mexico			2	Tex.
† <i>Selenophoma donacis</i> (Pass.) Sprague & A. G. Johnson:					
<i>Secale cereale</i> (rye) glume	Spain	1			Calif.*
<i>Septoria azaleae</i> Vogl.:					
<i>Rhododendron indicum</i> (indica azalea)	Belgium			1	N.Y.
<i>Rhododendron</i> sp. (azalea) leaf	Netherlands			1	N.Y.
<i>Septoria citri</i> Pass.:					
<i>Citrus limon</i> (lemon)	†Brazil, Italy, Spain		9		Calif.,* La., Tex.
<i>C. reticulata</i> (Mandarin orange)	Italy		1		Fla.
<i>C. sinensis</i> (sweet orange)	Italy, Japan		5		Calif.*
<i>Septoria leucanthemi</i> Sacc. & Speg.:					
<i>Chrysanthemum</i> sp.	Japan	1			Hawaii.
<i>Septoria nodorum</i> Berk.:					
<i>Triticum aestivum</i> (wheat)	Italy	1			Ohio.
<i>Septoria oryzae</i> Catt.:					
<i>Oryza sativa</i> (rice) hull, leaf, seed, and stem	Japan	6	29		Calif.*
† <i>Septoria raphidospora</i> Mass.:					
<i>Gentiana</i> sp. (gentian) leaf	Switzerland	1			Calif.*
<i>Septoria selenophomoides</i> Cash & Watson:					
<i>Cattleya guttata</i> (orchid) leaf	Brazil			1	N.J.
<i>C. guttata</i> var. <i>prinzii</i> (leaf)	do.			1	N.J.
<i>Dendrobium</i> sp. (orchid) leaf	†Australia			1	Calif.*
<i>Epidendrum</i> sp. (orchid) leaf	Costa Rica			1	Calif.*
<i>Odontoglossum</i> sp. (orchid)	Mexico			1	Tex.
<i>Oncidium</i> sp. (orchid) leaf	do.			1	Tex.
Orchid (leaf)	Costa Rica, Guatemala, India, Mexico.			5	Calif.,* Tex.
† <i>Speira cymbidii</i> Verpl.:					
<i>Oncidium</i> sp. (orchid) pseudobulb	Guatemala			1	Tex.
<i>Sphaceloma jawcettii</i> Bitanc. & Jenkins var. <i>scabiosa</i> (McAlp. & Tryon) Jenkins:					
<i>Citrus limon</i> (lemon)	Australia, New Zealand.	1	13		Hawaii.
<i>C. sinensis</i> (sweet orange)	Australia		1		Hawaii.
<i>Sphaceloma puniceae</i> Bitanc. & Jenkins:					
<i>Punica granatum</i> (pomegranate)	Mexico	6			Ariz., Tex.
† <i>Sphaceloma spondiadis</i> Bitanc. & Jenkins:					
<i>Spondias cytherea</i> (vi-apple)	British Guiana	1			Fla.
† <i>Sphaerella gardeniae</i> Cke. (?):					
<i>Gardenia augusta</i>	Hawaii	1			Hawaii.
<i>Sphenospora keorkianii</i> Linder:					
<i>Epidendrum</i> sp. (orchid) leaf	Bahamas, Cuba			3	Fla.
<i>Huntleya burttii</i> (orchid) leaf	Panama			1	Fla.
<i>Sphenospora mera</i> Cummins:					
Orchid (leaf)	Ecuador			1	Calif.**
† <i>Stemphylium sarcinaeforme</i> (Cav.) Wiltsh.:					
<i>Crocus biflorus</i> (Scotch crocus) corms	Italy			1	N.J.
† <i>Stomiopeltis citri</i> Bitanc.:					
<i>Citrus reticulata</i> (Mandarin orange)	Japan		1		Hawaii.
† <i>Tranzschelia discolor</i> (Fckl.) Tranz. & Litv.:					
<i>Prunus persica</i> (peach)	Mexico	1			Tex.
<i>Trematosphaerella oryzae</i> (Miyake) Padw.:					
<i>Oryza sativa</i> (rice) leaf and stem	Japan	1	1		Calif., Calif.*
<i>Tylenchorhynchus capitatus</i> M. W. Allen:					
Soil with unidentified plants	†Jamaica, Mexico			3	Fla., Tex.
<i>Uredo behnickiana</i> P. Henn.:					
<i>Epidendrum fragrans</i> (orchid) leaf	†Nicaragua			2	Fla.
<i>E. mariae</i> (leaf)	Mexico			1	Calif.*
<i>E. pachycarpum</i> (leaf)	†Canal Zone			1	Fla.
<i>Oncidium gardneri</i> (orchid) leaf	Brazil			1	Calif.*
<i>O. micropogon</i> (leaf)	do.			1	Fla.
<i>O. varicosum</i> var. <i>rogersii</i> (leaf)	do.			1	Fla.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1959, Through June 30, 1960—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Uredo epidendri</i> P. Henn.:					
<i>Epidendrum ybagueense</i> (orchid) leaf.....	Brazil.....			1	Fla.
<i>Epidendrum</i> sp. (leaf).....	Canal Zone, Costa Rica.....			2	Fla.
<i>Oncidium</i> sp. (orchid) leaf.....	British Honduras.....			1	Fla.
<i>Uredo guacae</i> Mayor:				1	
<i>Ionopsis utricularioides</i> (orchid) leaf.....	Guatemala.....			1	Fla.
<i>Miltonia roezlii</i> (pansyorchid) leaf.....	Canal Zone.....			1	Fla.
<i>Mormodes</i> sp. (orchid) leaf.....	Peru.....			1	Fla.
<i>Odontoglossum</i> sp. (orchid) leaf.....	Canal Zone.....			1	Fla.
<i>Oncidium pusillum</i> (orchid).....	Panama.....			1	D.C.
<i>Trigonidium egertonianum</i> (orchid) leaf.....	Guatemala.....			1	Calif.*
<i>Uredo nidularii</i> P. Henn.:					
<i>Tillandsia</i> sp.....	Mexico.....			1	Tex.
<i>Uredo oncidii</i> P. Henn.:					
<i>Oncidium cavendishianum</i> (orchid) leaf.....	Guatemala.....			1	Fla.
<i>O. pusillum</i> (leaf).....	†Panama.....			1	Fla.
<i>Oncidium</i> sp. (leaf).....	British Honduras, †Peru.....			2	Fla.
Orchid (leaf).....	†Haiti.....			1	Fla.
† <i>Uredo tillandsiae</i> Cummins:					
<i>Tillandsia</i> sp. (leaf).....	Mexico.....			2	Fla.
<i>Uromyces commelinae</i> Cke.:					
<i>Geogenanthus</i> sp. (leaf).....	Colombia.....			1	Fla.
<i>Uromyces fabae</i> (Grev.) Cke.:					
<i>Lens culinaris</i> (lentil) leaf and stem.....	Chile, Germany.....	3	1	1	Fla., La., Oreg.
<i>Vicia</i> sp.....	Portugal.....	1			N.J.
<i>Uromyces trifolii</i> (DC.) Lev.:					
<i>Trifolium repens</i> var. (shamrock) leaf.....	Ireland.....	1			Oreg.
† <i>Ustilago grandis</i> Fr.:					
<i>Phragmites communis</i> (common reed) stem.....	Germany.....	1			Calif.*
<i>Ustilago tritici</i> (Pers.) Rostr.:					
<i>Triticum aestivum</i> (wheat) heads.....	England.....	1			N.Y.
<i>Volutella pachysandricola</i> B. O. Dodge:					
<i>Pachysandra terminalis</i> (Japanese pachysandra) leaf.....	Netherlands.....			2	N.J.
† <i>Volutina concentrica</i> Penz. & Sacc.:					
Orchid (leaf).....	Burma.....			1	N.Y.
<i>Xanthomonas citri</i> (Hassé) Dowson:					
<i>Citrus aurantifolia</i> (sour lime).....	India, Japan Pakistan.....	1	3		Calif.,* Hawaii, Mass., Wash.
<i>C. aurantium</i> (sour orange).....	Japan.....			8	Calif.,* Pa.
<i>C. aurantium</i> var.....	do.....			1	Calif.*
<i>C. grandis</i> (pummelo).....	do.....			1	N.Y.
<i>C. ichangensis</i> x <i>C. reticulata</i> (ichangarin).....	do.....			3	Calif.*
<i>C. limon</i> (lemon).....	Japan, unknown.....			8	Calif.,* Hawaii, Tex., Wash.
<i>C. paradisi</i> (grapefruit).....	Japan.....			1	Wash.
<i>C. reticulata</i> (Mandarin orange).....	do.....	2	4		Calif.,* Hawaii.
<i>C. reticulata</i> var. (King orange).....	do.....	1			Hawaii.
<i>C. sinensis</i> (sweet orange) fruit and dried peel.....	China, Hong Kong, Japan.....	11	91		Calif.,* Hawaii, La., Md., N.C., Oreg., Pa., Tex., Wash.
<i>Citrus</i> sp. (fruit and dried peel).....	China, Hong Kong, Japan, Saipan.....	3	2		Calif.,* Hawaii, Mass., Mich.
<i>Xanthomonas</i> sp. (Cancerosis B):					
<i>Citrus limon</i> (lemon).....	Argentina.....			7	La., N.Y., Pa., S.C.
<i>Xiphiinema americanum</i> Cobb:					
Soil with <i>Gardenia augusta</i> (plant).....	Mexico.....			1	Tex.

An asterisk (*) indicates State inspection.

A dagger (†) indicates a first interception from the country named.

A double dagger (‡) indicates a first interception by Division inspectors.

Hosts and Diseases

- ABIES:**
Atichia glomerulosa (Ascomycetes)
Hormiscium pinophyllum (Deuteromycetes)
- ACANTHUS:**
Meloidogyne hapla (Nematoda)
- ACER:**
Cladosporium epiphyllum var. *acerinum* (Deuteromycetes)
- ADENIA:**
Meloidogyne javanica (Nematoda)
- AGAVE:**
Coniothyria agaves (Deuteromycetes)
Pleospora phragmospora (Ascomycetes)
- ALLIUM CEPA:**
Ditylenchus dipsaci (Nematoda)
Heterosporium allii (Deuteromycetes)
Mycosphaerella schoenoprasii (Ascomycetes)
- ALLIUM CEPA SOLANINUM:**
Mycosphaerella schoenoprasii (Ascomycetes)
- ALLIUM PORRUM:**
Heterosporium allii (Deuteromycetes)
Mycosphaerella schoenoprasii (Ascomycetes)
- ALLIUM SATIVUM:**
Ditylenchus dipsaci (Nematoda)
Mycosphaerella schoenoprasii (Ascomycetes)
- ANTHURIUM:**
Macrophoma anthurii (Deuteromycetes)
Phyllachora engleri (Ascomycetes)
- ANTIRRHINUM:**
Puccinia antirrhini (Promycetes)
- ARACHIS:**
Puccinia arachidis (Promycetes)
- ARAUCARIA:**
Cryptospora longispora (Ascomycetes)
Diaporthe eres (Ascomycetes)
Macrophoma araucariae (Deuteromycetes)
- ARECA:**
Phomopsis palmicola (Deuteromycetes)
- ASTILBE:**
Meloidogyne incognita acrita (Nematoda)
- AUCUBA:**
Coniothyrium aucubae (Deuteromycetes)
Phyllosticta aucubicola (Deuteromycetes)
- BACCHARIS:**
Puccinia baccharidis (Promycetes)
- BAMBOO:**
Papularia sphaerosperma (Deuteromycetes)
- BEGONIA:**
Meloidogyne arenaria (Nematoda)
- BETA:**
Peronospora schachtii (Phycomycetes)
- BETULA:**
Floutrightia virgultorum (Ascomycetes)
- BLETILLA:**
Aphelenchoides fragariae (Nematoda)
- BRASSICA RAPA:**
Meloidogyne incognita (Nematoda)
- BROMELIAD:**
Echidnoides bromeliacearum var. *stellata* (Ascomycetes)
- BUXUS:**
Puccinia buxi (Promycetes)
- CALADIUM:**
Meloidogyne arenaria (Nematoda)
- CALLICARPA:**
Meloidogyne hapla (Nematoda)
- CALLISTEPHUS:**
Coleosporium asterum (Promycetes)
- CAMELLIA:**
Cylindrosporium camelliae (Deuteromycetes)
- CASSIA:**
Phyllachora canafistulae (Ascomycetes)
- CATTLEYA:**
Septoria selenophomoides (Deuteromycetes)
- CELOSIA:**
Alternaria celastae (Deuteromycetes)
- CHRYSANthemUM:**
Puccinia horiana (Promycetes)
Septoria leucanthemi (Deuteromycetes)
- CICHORIUM:**
Pseudomonas marginalis (Schizomycetes)
- CITRUS AURANTIFOLIA:**
Elsinoe australis (Ascomycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS AURANTIUM:**
Phoma citricarpa (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS AURANTIUM VAR.:**
Xanthomonas citri (Schizomycetes)
- CITRUS GRANDIS:**
Phoma citricarpa (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS ICHANGENSIS X C. RETICULATA:**
Phoma citricarpa (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS LIMON:**
Camarosporium citri (Deuteromycetes)
Coniothecium scabrum (Deuteromycetes)
Elsinoe australis (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Septoria citri (Deuteromycetes)
Sphaceloma fawcettii var. *scabiosa* (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
Xanthomonas sp. (Cancrosis B) (Schizomycetes)
- CITRUS PARADISI:**
Coniothecium citri (Deuteromycetes)
Phoma citricarpa (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS RETICULATA:**
Coniothecium scabrum (Deuteromycetes)
Elsinoe australis (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Septoria citri (Deuteromycetes)
Stromiopsis citri (Ascomycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS RETICULATA VAR.:**
Xanthomonas citri (Schizomycetes)
- CITRUS SINENSIS:**
Elsinoe australis (Ascomycetes)
 "Greasy spot"
Phoma citricarpa (Deuteromycetes)
Septoria citri (Deuteromycetes)
Sphaceloma fawcettii var. *scabiosa* (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS SP.:**
Phoma citricarpa (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CLEMATIS:**
Meloidogyne hapla (Nematoda)
- COCOLOBA:**
Phyllosticta coccolobae (Deuteromycetes)
- COCOS:**
Cytophora palmicola (Deuteromycetes)
Diplodia epicocos (Deuteromycetes)
Macrophoma cocos (Deuteromycetes)
Phomopsis cocos (Deuteromycetes)
- COFFEA:**
Leptosphaeria coffeigena (Ascomycetes)
- COLOASIA:**
Meloidogyne javanica (Nematoda)
- CONVALLARIA:**
Aphelenchoides blastophthorus (Nematoda)
- CORIANDRUM:**
Meloidogyne incognita acrita (Nematoda)
- CORYLUS:**
Diaporthe eres (Ascomycetes)
- COTINUS:**
Diaporthe eres (Ascomycetes)
- CROCUS:**
Stemphylium sarcinaeforme (Deuteromycetes)
- CUCURBITA:**
Alternaria cucurmerina (Deuteromycetes)
- CYDONIA:**
Entomosporium maculatum (Deuteromycetes)
- CYMBOPOGON:**
Puccinia nakanishikii (Promycetes)
- CYPERACEAE:**
Puccinia oblecta (Promycetes)
- CYPERUS(?):**
Puccinia cyperi (Promycetes)
- DAHLIA:**
Ditylenchus destructor (Nematoda)
Meloidogyne arenaria (Nematoda)
M. hapla (Nematoda)
M. javanica (Nematoda)
Pratylenchus penetrans (Nematoda)

See footnotes at end of this list.

Hosts and Diseases—Continued

DAPHNE:

†*Marmor cucumeris* (Virus)

DENDROBIUM:

†*Physalospora wildemaniana* (Ascomycetes)
†*Septoria selenophomoides* (Deuteromycetes)

DIANTHUS:

†*Alternaria dianthi* (Deuteromycetes)
†*Heteropeltella vattellinensis* (Deuteromycetes)

DIOSPYROS:

†*Cercospora kaki* (Deuteromycetes)

DRACAENA:

†*Haplosporella dracaenorum* (Deuteromycetes)

ECHEVERIA:

†*Meloidogyne incognita acrita* (Nematoda)

EPIDENDRUM:

†*Septoria selenophomoides* (Deuteromycetes)¹†*Sphenospora kevorkianii* (Promycetes)†*Uredo behnickiana* (Promycetes)†*U. epidendri* (Promycetes)

ERIGERON:

†*Phoma herbarum* (Deuteromycetes)

EUONYMUS:

†*Meloidogyne arenaria* (Nematoda)

EUPHORBIA:

†*Meloidogyne incognita acrita* (Nematoda)

FAGUS:

†*Fusicoccum galeculatum* (Deuteromycetes)

FRAGARIA:

†*Dendrophoma obscurans* (Deuteromycetes)†*Mycosphaerella fragariae* (Ascomycetes)

FRAXINUS:

†*Phoma samararum* (Deuteromycetes)†*Phomopsis pterophila* (Deuteromycetes)

FUMARIA:

†*Aphysa rhynchosiae* (Ascomycetes)

GARDENIA:

†*Sphaerella gardeniae* (?) (Ascomycetes)

GENTIANA:

†*Puccinia gentianae* (Promycetes)†*Septoria raphidospora* (Deuteromycetes)

GEOGENANTHUS:

†*Uromyces commelinae* (Promycetes)

GLADIOLUS:

†*Meloidogyne arenaria* (Nematoda)†*M. hapla* (Nematoda)†*M. incognita* (Nematoda)†*M. incognita acrita* (Nematoda)

GOSSYPIUM:

†*Phakopsora gossypii* (Deuteromycetes)†*Puccinia schedonnardi* (Promycetes)

GYPSOPHILA:

†*Puccinia arenariae* (Promycetes)

HABENARIA:

†*Puccinia praegracilis* var. *praegracilis* (Promycetes)

HEDERA:

†*Phyllosticta hedericola* (Deuteromycetes)

HEPATICA:

†*Meloidogyne hapla* (Nematoda)

HORDEUM:

†*Puccinia hordei* (Promycetes)

HUNTLEYA:

†*Sphenospora kevorkianii* (Promycetes)

IONOPSIS:

†*Uredo guacae* (Promycetes)

IRIS:

†*Pratylenchus pratensis* (Nematoda)

JUGLANS:

†*Marssonina juglandis* (Deuteromycetes)

JUNIPERUS:

†*Gymnosporangium haraeaeum* (Promycetes)

LAPAGERIA:

†*Cercospora liliicola* (Deuteromycetes)

LENS:

†*Uromyces fabae* (Promycetes)

LEONTOPODIUM:

†*Meloidogyne hapla* (Nematoda)

LYCASTE:

†*Cercospora cypripedii* (Deuteromycetes)

LYCOPERSICON:

†*Meloidogyne javanica* (Nematoda)

MACROZAMIA:

†*Dothiorella pericarpica* (Deuteromycetes)

See footnotes at end of this list.

MAHONIA:

†*Cumminsia mirabilissima* (Promycetes)

MALUS:

†*Elsinoe piri* (Ascomycetes)†*Gymnosporangium yamadai* (Promycetes)†*Monilinia fructigena* (Ascomycetes)

MANGIFERA:

†*Elsinoe mangiferae* (Ascomycetes)

MAXILLARIA:

†*Lembosia warszewicziae* (Ascomycetes)

METROSIDEROS:

†*Meliolina haplochaeta* (Ascomycetes)

MILTONIA:

†*Micropeltis orchidearum* (?) (Ascomycetes)†*Scolecopeltidium bakeri* (Ascomycetes)†*Uredo guacae* (Promycetes)

MORMODES:

†*Uredo guacae* (Promycetes)

MUSA:

†*Helminthosporium torulosum* (Deuteromycetes)†*Phyllosticta musarum* (Deuteromycetes)

NARCISUS:

†*Ditylenchus dipsaci* (Nematoda)

NERIUM:

†*Macrophoma oleandri* (Deuteromycetes)†*Pseudomonas tomentosa* (Schizomycetes)

ODONTOGLOSSUM:

†*Echidnodes dendrarchili* (Ascomycetes)†*Septoria selenophomoides* (Deuteromycetes)†*Uredo guacae* (Promycetes)

ONCIDIUM:

†*Puccinia oncidii* (Promycetes)†*Scolecopeltidium bakeri* (Ascomycetes)†*Septoria selenophomoides* (Deuteromycetes)†*Speira cymbidii* (Deuteromycetes)†*Uredo behnickiana* (Promycetes)†*U. epidendri* (Promycetes)†*U. guacae* (Promycetes)†*U. oncidii* (Promycetes)

ORCHID:

†*Diplodia henriquesiana* (Deuteromycetes)†*Papularia vinosa* (Deuteromycetes)†*Phyllosticta capitalensis* (Deuteromycetes)†*Scolecopeltidium bakeri* (Ascomycetes)†*Septoria selenophomoides* (Deuteromycetes)†*Sphenospora mera* (Promycetes)†*Uredo oncidii* (Promycetes)†*Volutina concentrica* (Deuteromycetes)

ORNITHOGALUM:

†*Heterosporium ornithogali* (Deuteromycetes)

ORYZA:

†*Curvularia geniculata* (Deuteromycetes)†*Neovossia horrida* (Promycetes)†*Phaeospectria oryzae* (Deuteromycetes)†*Pyrenochaeta oryzae* (Deuteromycetes)†*Septoria oryzae* (Deuteromycetes)†*Trematosphaerella oryzae* (Ascomycetes)

PACHYSANDRA:

†*Volutella pachysandricola* (Deuteromycetes)

PAEONIA:

†*Sclerotopsis concava* (Deuteromycetes)

PASTINACA:

†*Phoma nebulosa* (Deuteromycetes)

PERSEA:

†*Cercospora purpurea* (Deuteromycetes)

PHASEOLUS:

†*Cercospora brachiata* (Deuteromycetes)†*Fusarium oxysporum* f. *phaseoli* (Deuteromycetes)

PHILADELPHUS:

†*Karstenula philadelphia* (Ascomycetes)

PHLEUM:

†*Puccinia poae-nemoralis* (Promycetes)

PHRAGMITES:

†*Ustilago grandis* (Promycetes)

PICEA:

†*Ascochyta conorum* (Deuteromycetes)

PLATYCODON:

†*Fusarium oxysporum* (Deuteromycetes)

POLIANTHES:

†*Meloidogyne incognita* (Nematoda)

POLYGALA:

†*Asterina pulchella* (Ascomycetes)

PRUNUS DOMESTICA:

†*Monilinia fructigena* (Ascomycetes)

*Hosts and Diseases—Continued***PRUNUS PERSICA:**

- †*Coniothyrium insitivum* (Deuteromycetes)
- †*Tranzschelia discolor* (Promycetes)

PRUNUS SEROTINA:

- †*Microstroma tonellianum* (Basidiomycetes)

PUNICA:

- †*Sphaceloma punicae* (Deuteromycetes)

PYRUS:

- †*Gymnosporangium haraeum* (Promycetes)

QUERCUS:

- †*Cytospora intermedia* (Deuteromycetes)
- †*Sclerotinia candolleana* (Ascomycetes)

RHODODENDRON:

- †*Chrysomyxa ledi* var. *rhododendri* (Promycetes)
- †*Coryneum triseptatum* (Deuteromycetes)
- †*Diplodina euvhododendri* (Deuteromycetes)
- †*Septoria azaleae* (Deuteromycetes)

ROSA:

- †*Marmor rosae* (Virus)
- †*Meloidogyne hapla* (Nematoda)

RUBUS:

- †*Pucciniastrum arcticum* (Promycetes)

SASA:

- †*Dasturella divina* (Promycetes)
- †*Puccinia longicornis* (Promycetes)

SCIRPUS:

- †*Puccinia oblecta* (Promycetes)

SECALE:

- †*Pleospora trichostoma* (Ascomycetes)
- †*Puccinia striiformis* (Promycetes)
- †*Selenophoma donacis* (Deuteromycetes)

SOBRALIA:

- †*Mycosphaerella cattleyae* (Ascomycetes)

SOIL:

- †*Gottholdsteineria goodeyi* (Nematoda)
- †*Helicotylenchus nannus* (Nematoda)
- †*Heterodera avenae* (Nematoda)
- †*H. cacti* (Nematoda)
- †*H. punctata* (Nematoda)
- †*H. rostochiensis* (Nematoda)
- †*Psilenchus hilarulus* (Nematoda)
- †*Scutellonema brachyurum* (Nematoda)

SOIL—Continued

- †*Tylenchorhynchus capitatus* (Nematoda)
- †*Xiphinema americanum* (Nematoda)

SOLANUM:

- †*Meloidogyne incognita acrita* (Nematoda)

SPONDIAS:

- †*Sphaceloma spondiadis* (Deuteromycetes)

STANHOPEA:

- †*Cercospora angraeci* (Deuteromycetes)

THUNBERGIA:

- †*Meloidogyne incognita acrita* (Nematoda)

TIGRIDIA:

- †*Ditylenchus destructor* (Nematoda)

TILIA:

- †*Phomopsis velata* (Deuteromycetes)

TILLANDSIA:

- †*Uredo nidularii* (Promycetes)
- †*U. tillandsiae* (Promycetes)

TRIFOLIUM:

- †*Uromyces trifolii* (Promycetes)

TRIGONIDIUM:

- †*Uredo quacae* (Promycetes)

TRITICUM:

- †*Anguina tritici* (Nematoda)
- †*Puccinia striiformis* (Promycetes)
- †*Pyrenophora graminea* (Ascomycetes)
- †*Septoria nodorum* (Deuteromycetes)
- †*Ustilago tritici* (Promycetes)

TULIPA:

- †*Papulaspora rubida* (Deuteromycetes)

VICIA:

- †*Ascochyta fabae* (Deuteromycetes)
- †*Uromyces fabae* (Promycetes)

VIOLA:

- †*Puccinia violae* (Promycetes)

WEIGELIA:

- †*Phoma weigeliae* (Deuteromycetes)

ZANTEDESCHIA:

- †*Meloidogyne arenaria* (Nematoda)

ZINNIA:

- †*Alternaria zinniae* (Deuteromycetes)

*Hosts Unknown***Plants—Unidentified:**

- †*Meloidogyne arenaria* (Nematoda)

A dagger (†) indicates a first interception from the country of origin.

A double dagger (‡) indicates a first interception by Division inspectors.

Countries of Origin and Diseases

AFRICA (country(?)):

Phoma citricarpa

ALASKA:

†*Puccinia praegracilis* var. *praegracilis*

ARGENTINA:

†*Alternaria dianthi*

Elsinoe australis

Heterodera rostochiensis

Xanthomonas sp. (Cancrosis B)

AUSTRALIA:

†*Camarosporium citri*

†*Dothiorella pericarpica*

Meloidogyne hapla

Phoma citricarpa

Pratylenchus penetrans

†*Septoria selenophomoides*

Sphaceloma fawcettii var. *scabiosa*

AUSTRIA:

Chrysomya ledi var. *rhododendri*

BAHAMAS:

†*Diplodia epicocos*

†*Phakopsora gossypii*

Sphenospora kevorkianii

BELGIUM:

†*Coniothyrium aucubae*

Mycosphaerella schoenoprasii

Phyllosticta aucubicola

Pseudomonas marginalis

Septoria azaleae

BERMUDA:

Macrophoma oleandri

†*Papularia sphaerosperma*

†*Puccinia schedonnardi*

BRAZIL:

†*Curvularia geniculata*

Elsinoe australis

E. mangiferae

Heterodera cacti

Meloidogyne incognita acrita

Phoma citricarpa

†*Phyllosticta capitulensis*

†*Puccinia arachidis*

†*P. cyperi*

†*P. oncidii*

†*Septoria citri*

S. selenophomoides

Uredo behnickiana

U. epidendri

BRITISH GUIANA:

†*Sphaceloma spondiadis*

BRITISH HONDURAS:

Uredo epidendri

U. oncidii

BURMA:

†*Diplodia henriquesiana*

†*Volutina concentrica*

CANADA:

†*Aphysa rhynchosiae*

Chrysomya ledi var. *rhododendri*

†*Gotholdsteineria goodeyi*

†*Heterodera punctata*

Heteropatella vattelinensis

Pratylenchus penetrans

CANAL ZONE:

†*Micropeltis orchideorum* (?)

Mycosphaerella cattleyae

Phyllachora canafistulae

†*Scoleopeltidium bakeri*

†*Uredo behnickiana*

U. epidendri

U. guacae

CHILE:

†*Cercospora liliicola*

Uromyces fabae

CHINA:

Phoma citricarpa

Xanthomonas citri

COLOMBIA:

Phyllachora engleri

Uromyces commelinae

COSTA RICA:

†*Echidnodes bromeliacearum*

†*Lembosia warszewicziae*

†*Leptosphaeria coffeigena*

COSTA RICA—Continued

†*Macrophoma cocos*

Septoria selenophomoides

Uredo epidendri

CUBA:

†*Coleosporium asterum*

†*Cytospora palmicola*

Helminthosporium torulosum

†*Marmor rosae*

Meloidogyne incognita acrita

M. javanica

Sphenospora kevorkianii

CZECHOSLOVAKIA:

†*Heterodera punctata*

†*Monilinia fructigena*

†*Pratylenchus pratensis*

DOMINICAN REPUBLIC:

†*Meloidogyne incognita acrita*

ECUADOR:

Cercospora angraei

†*Papularia vinosa*

†*Puccinia oncidii*

Sphenospora mera

ENGLAND:

†*Alternaria zinniae*

†*Aphelenchoides blastophthorus*

Ditylenchus dipsaci

Heterodera avenae

H. punctata

H. rostochiensis

†*Marmor cucumeris*

Meloidogyne hapla

Phoma herbarum

†*Phoma weigeliniae*

†*Sclerotinia candolleana*

Ustilago tritici

ENGLAND(?):

†*Phyllosticta hedericola*

FEDERATION OF MALAYA:

Phoma citricarpa

FINLAND:

†*Plowrightia virgultorum*

FORMOSA:

†*Dasturella divina*

Phoma citricarpa

FRANCE:

†*Ascochyta conorum*

Mycosphaerella schoenoprasii

Puccinia buxi

†*P. gentianae*

GERMANY:

†*Alternaria zinniae*

†*Atichia glomerulosa*

Dendrophoma obscurans

Ditylenchus destructor

†*Elsinoe piri*

Heterodera avenae

H. cacti

H. rostochiensis

Hormiscium pinophyllum

Meloidogyne hapla

Mycosphaerella fragariae

†*Phoma nebulosa*

Puccinia striiformis

Uromyces fabae

†*Ustilago grandis*

GREECE:

Marssonina juglandis

†*Pseudomonas tonelliana*

GUAM:

†*Cytospora palmicola*

Diplodia epicocos

Phomopsis palmicola

GUATEMALA:

†*Cercospora purpurea*

†*Entomosporium maculatum*

†*Helminthosporium torulosum*

†*Heterosporium allii*

Marmor rosae

Meloidogyne arenaria

Septoria selenophomoides

†*Speira cymbidii*

Uredo guacae

U. oncidii

See footnotes at end of this list.

Countries of Origin and Diseases—Continued

HAITI:

- †*Meloidogyne javanica*
- †*Uredo oncidii*

HAWAII:

- Meliolina haplochaeta*
- Phomopsis cocoes*
- †*Sphaerella gardeniae*(?)

HONG KONG:

- Phoma citricarpa*
- Xanthomonas citri*

INDIA:

- Septoria selenophomoides*
- Xanthomonas citri*

IRAN:

- †*Puccinia striiformis*

IRELAND:

- Heterodera avenae*
- †*Puccinia antirrhini*
- Uromyces trifolii*

ITALY:

- †*Ascochyta fabae*
- †*Chrysomyza ledi* var. *rhododendri*
- †*Cytospora intermedia*
- Monilinia fructigena*
- Phoma samararum*
- †*Phomopsis pterophila*
- †*Puccinia violae*
- Septoria citri*
- S. nodorum*
- †*Stemphylium sarcinaeforme*

ITALY(?):

- Anguina tritici*

JAMAICA:

- †*Asterina pulchella*
- †*Tylenchorhynchus capitatus*

JAPAN:

- Aphelenchoides fragariae*
- Cercospora kaki*
- †*Coniothecium scabrum*
- †*Coryneum triseptatum*
- Cylindrosporium camelliae*
- Fusarium oxysporum*
- Gymnosporangium haraeaeum*
- G. yamadae*
- †*Heterosporium allii*
- Meloidogyne arenaria*
- M. hapla*
- M. incognita*
- M. incognita acrita*
- M. javanica*
- Mycosphaerella schoenoprasii*
- Necovossia horrida*
- †*Peronospora schachtii*
- Phaeoseptoria oryzae*
- Phoma citricarpa*
- Puccinia hordei*
- P. horiana*
- P. longicornis*
- †*P. nakanishikii*
- †*P. poae-nemoralis*
- Pyrenochaeta oryzae*
- †*Pyrenophora graminea*
- Septoria citri*
- S. leucanthemi*
- S. oryzae*
- †*Stomiotipellis citri*
- Trematosphaerella oryzae*
- Xanthomonas citri*

JAPAN(?):

- Phyllostictina musarum*

KENYA:

- Meloidogyne javanica*

MEXICO:

- †*Alternaria celosiae*
- Cercospora cyripedii*
- †*Coniothyria agaves*
- †*Coniothyrium insitivum*
- Ditylenchus dipsaci*
- †*Echidnodes dendrochili*
- Elsinoe mangiferae*
- "Greasy spot"
- Helicotylenchus nannus*
- Heterodera cacti*
- H. punctata*

MEXICO—Continued

- H. rostochiensis*
 - Meloidogyne arenaria*
 - M. incognita*
 - M. incognita acrita*
 - Mycosphaerella schoenoprasii*
 - †*Phyllosticta coccobolae*
 - †*Pleospora phragmospora*
 - Pseudomonas tonelliana*
 - Psilenchus hilarulus*
 - Puccinia baccharidis*
 - P. obtecta*
 - †*Scolecopeltidium bakeri*
 - Scutellonema brachyurum*
 - Septoria selenophomoides*
 - Sphaeloma punicae*
 - †*Tranzschelia discolor*
 - Tylenchorhynchus capitatus*
 - Uredo behnickiana*
 - U. nidularii*
 - †*U. tillandsiae*
 - Xiphinema americanum*
- MOZAMBIQUE:
- Phoma citricarpa*
- NETHERLANDS:
- Cumminsia mirabilissima*
 - Diaporthe eres*
 - Diplodina eurydodendri*
 - Ditylenchus dipsaci*
 - †*Fusarium oxysporum* f. *phaseoli*
 - Fusicoccum galericulatum*
 - †*Karstenula philadelphi*
 - Meloidogyne hapla*
 - M. incognita acrita*
 - †*Phomopsis velata*
 - Sclerotopsis concava*
 - Septoria azaleae*
 - Volutella pachysandricola*
- NEW ZEALAND:
- Cryptospora longispora*
 - Heterodera cacti*
 - Macrophoma araucariae*
 - Phoma citricarpa*
 - Sphaeloma fauettii* var. *scabiosa*
- NICARAGUA:
- Uredo behnickiana*
- NORFOLK ISLAND:
- Cryptospora longispora*
 - Diaporthe eres*
 - Macrophoma araucariae*
- NORTHERN IRELAND:
- Heterodera punctata*
 - †*Meloidogyne hapla*
- NORWAY:
- †*Monilinia fructigena*
 - †*Pucciniastrum arcticum*
- PAKISTAN:
- Xanthomonas citri*
- PANAMA:
- Sphenospora keyvorkianii*
 - Uredo guacae*
 - †*U. oncidii*
- PERU:
- Heterodera rostochiensis*
 - Uredo guacae*
 - †*U. oncidii*
- PORTUGAL:
- †*Coniothecium scabrum*
 - †*Helicotylenchus nannus*
 - Puccinia arenariae*
 - Uromyces fabae*
- PUERTO RICO:
- Cercospora brachiata*
- SAIPAN:
- Xanthomonas citri*
- SCOTLAND:
- Heterodera punctata*
- SPAIN:
- Heterodera rostochiensis*
 - †*Selenophoma donacis*
 - Septoria citri*
- SWITZERLAND:
- Chrysomyza ledi* var. *rhododendri*

See footnotes at end of this list.

Countries of Origin and Diseases—Continued

SWITZERLAND—Continued

- †*Ditylenchus destructor*
- Heterodera cacti*
- †*Papularia sphaerosperma*
- †*Papulaspora rubida*
- †*Septoria raphidospora*

THAILAND:

- Phoma citricarpa*
- †*Physalospora wildemaniana*

TRINIDAD

- †*Haplosporella dracaenorum*
- †*Macrophoma anthurii*

TURKEY:

- †*Pleospora trichostoma*

UNION OF SOUTH AFRICA:

- †*Alternaria cucumerina*
- †*Coniothecium citri*
- Ditylenchus destructor*

UNION OF SOUTH AFRICA—Continued

- Heterosporium ornithogali*
- Phoma citricarpa*
- Pratylenchus penetrans*
- †*Puccinia oblecta*

UNION OF SOVIET SOCIALIST REPUBLICS:

- †*Cladosporium epiphyllum*
- †*Puccinia striiformis*

UNKNOWN:

- Elsinoe australis*
- †*Microstroma tonellianum*
- Phoma citricarpa*
- Phomopsis cocoes*
- Xanthomonas citri*

URUGUAY:

- Elsinoe australis*

YUGOSLAVIA:

- †*Chrysomyxa ledi* var. *rhododendri*

A dagger (†) indicates a first interception from the country named.

A double dagger (‡) indicates a first interception by Division inspectors.



Growth Through Agricultural Progress

1961

Issued March 1962

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
PLANT QUARANTINE DIVISION
WASHINGTON 25, D.C.

LIST OF INTERCEPTED PLANT PESTS, 1961

(Pests Recorded From July 1, 1960, Through June 30, 1961)

Compiled by
Bessie C. Mumford
Plant Quarantine Aid

INTRODUCTION

This report covers the 48th year for which lists of interceptions have been published. It summarizes records of plant pests found in, on, or with plants, plant products, baggage, cargo, mail, and means of conveyance (1) imported into or entering the United States or its possessions, (2) offered for entry but refused, (3) held in quarters or stores of planes or ships, (4) offered for entry for immediate transportation and exportation in bond, (5) in domestic shipments to the mainland from the States of Alaska and Hawaii, the American Virgin Islands, Guam, Puerto Rico, and other offshore possessions, or (6) in preclearance inspection in the Bahamas and Bermuda.

The pests listed include insects, snails, bacteria, fungi, nematodes, and viruses of known or potential plant quarantine significance to the United States. Some common organisms are included if they are new to the country of origin or the host plant, or are of such limited distribution in the United States that they are worthy of mention.

The data for this list include identifications received from the specialists during the fiscal year 1961 and represent some interceptions made during previous years. Determinations are largely made by specialists of the Entomology Research Division and the Plant Quarantine Division, although a certain amount of this work is done by collaborating State officials. Snail identifications are made by taxonomists in the Division of Mollusks, U.S. National Museum. Some critical studies and identifications are made by specialists of the Crops Research Division, who also identify many of the host plants.

Scientific names of the insects are reviewed by the specialists who identify them and also by Mr. Paul X. Peltier, entomologist, who assists in the compilation. Mrs. Alice J. Watson, mycologist, assists with the disease list. Host names are reviewed by Dr. Bernice G. Schubert of the New Crops Research Branch. Every effort is made to conform to the International Rules of Nomenclature. However, in the disease tabulation the name of the stage found is usually listed rather than the perfect stage. Family names are listed with the insects in the tabulation; orders are shown in the host list. Classes of the diseases are given in the disease host list.

It is often difficult to trace the true origin of stores in planes and ships. Questionable cases are omitted, listed with a question mark, or shown as unknown. Pests of a serious nature reported for the first time from a country are usually listed as from an unknown origin or omitted until confirmation of the presence of the pest is given by the country concerned.

NOTES ON PESTS INTERCEPTED

The total number of interceptions for the fiscal year 1961 was 25,575, as compared with 30,230 the previous year. This does not include common pests which are widespread in this country and are no longer recorded. Of the total, 8,808 were considered of enough importance to be listed. The decrease in the number of interceptions may be due in part to the increased efforts of the Plant Quarantine Division to educate the public through the use of movies ("The Hidden Menace" and "Don't Bring Your Enemy Home") and various leaflets distributed to air and ship lines.

AIRBORNE MATERIAL

Interceptions of pests arriving by air totaled 8,722, of which 7,968 were insects or snails and 754 diseases or nematodes. There were 199 interceptions of significant insects found as stowaways on airplanes. Among the important airborne pests were 69 interceptions of the European cherry fruit fly, 3 of khapra beetle, 109 of the Mediterranean fruit fly, 28 of a chafer, *Melolontha melolontha*, 7 of the Mexican fruit fly, 30 of the olive fruit fly, 4 of the oriental fruit fly, 15 of the pink bollworm, 72 of the West Indian fruit fly, 153 of the black spot of citrus, 18 of citrus canker, 55 of the sweet orange scab, and 5 of the golden nematode.

FRUIT FLIES

A total of 685 fruit fly interceptions were identified to species as follows:

Anastrepha ludens, the Mexican fruit fly, was intercepted 151 times, 149 from Mexico and 2 from Guatemala. The hosts were cherimoya, grapefruit, mango, pomegranate, quince, sour orange, sweet lime, and sweet orange.

Anastrepha mombinpraeoptans, the West Indian fruit fly (142 times), in mamey sapote, mango, purple mombin, tropical almond, and yellow mombin from the American Virgin Islands, Colombia, Costa Rica, Cuba, Dominican Republic, El Salvador, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico, Trinidad, and the West Indies (island(?)).

Anastrepha serpentina (4 times) in mamey sapote in air baggage from Mexico and Nicaragua, in star-apple in air baggage from Nicaragua, and in Tempisque jungleplum in baggage from Mexico.

Anastrepha suspensa (twice) on airplane window from Puerto Rico (?) and in guava in air baggage from Puerto Rico.

Ceratitis capitata, the Mediterranean fruit fly (195 times), an adult female in an airplane from Hawaii, and larvae in apple, apricot, Arabian coffee berry, cherry, *Coffea* sp. berry, fig, grape, grapefruit, guava, jujube, lemon, loquat, Mandarin orange, mango, pawpaw, peach, pear, pomegranate, pricklypear, quince, soda-apple nightshade fruit, sweet orange, and tropical almond. The countries of origin were: Argentina, Azores, Brazil, Costa Rica, Cyprus, Greece, Hawaii, Iran, Israel, Italy, Lebanon, Peru, Portugal, Republic of South Africa, Spain, Turkey, United Arab Republic, and an unknown origin. *C. capitata* (?) (19 times) in Arabian coffee berry, *Coffea* sp. berry, fig, *Musa* sp. fruit, pepper, pomegranate, sweet orange, and tropical almond from Greece, Hawaii, Italy, and Spain.

Ceratitis colae(?) (once) in Sudan colanut in aircargo from Nigeria.

Dacus cucurbitae, the melon fly (5 times), in cucumber, tomato, and zucchini squash in stores from Hawaii. *D. cucurbitae*(?) (twice) in cucumber in air stores and stores from Hawaii.

Dacus dorsalis, the oriental fruit fly (22 times), in banana, guamachil apesearring pod, Indiapoon beautyleaf fruit, lychee nut, mail package, mango, *Ochrosia elliptica*

fruit, pitanga, and tropical almond from Guam, Fiji(?), and Hawaii. *D. dorsalis*(?) (12 times) in agati sesbania, betel palm nut, guava, mango, ti berry, and tropical almond from Hawaii.

Dacus oleae, the olive fruit fly (57 times), with baggage and in olive in air baggage, air stores and baggage from Austria (?), Cyprus, Greece, Italy, Lebanon, and an unknown origin.

D. oleae(?) (once) in green olive from Italy.

Euleia heraclei (once) in celery in stores from Germany.

Rhagoletis alternata(?) (once) in rosaceous berry in baggage from Italy.

Rhagoletis cerasi, the European cherry fruit fly (69 times), in cherry in air baggage, air quarters, and air stores from Czechoslovakia, Denmark, France, Germany, Greece, Hungary, Israel(?), Italy, Netherlands, Poland, Portugal, Spain, and an unknown origin. *R. cerasi*(?) (once) in cherry from Italy.

INSECTS OTHER THAN FRUIT FLIES

The following insects of special significance were intercepted:

Acrolepia assectella (Hyponomeutidae) in leek in stores from France, Italy, and Spain.

Adoxophyes orana (Tortricidae) in apple in air stores and peach in air baggage from an unknown origin; and on cut roses in air baggage from the Netherlands.

Aleurocanthus spiniferus (Aleyrodidae) on sour orange leaf in stores from Japan.

Aleurocanthus woglumi (Aleyrodidae), the citrus blackfly (8 times), on *Citrus* sp. leaf in air baggage from Nicaragua and baggage from Mexico, on lime leaf in cargo from Mexico, and on sweet orange leaf in quarters from Jamaica.

Aspidiotus destructor (Coccidae) (19 times) on coconut in air baggage from Honduras and Mexico, baggage and cargo from Mexico, quarters from the Bahamas, and stores from Costa Rica, Mexico, Panama, and the Philippines; on kentia palm in stores from the Philippines; on oleander in quarters from the Bahamas; on palm seed in air baggage from Cuba; on rose leaf in baggage from Tortola; on screwpine in aircargo from Indonesia; and on sugar-apple and sweet orange in baggage from Cuba.

Blissus diplopterus (Lygaeidae) on hakea seed in mail from the Republic of South Africa.

Brachycerus algirus (Curculionidae) in garlic in cargo from Spain.

Brevipalpus chilensis (Tenuipalpidae) on grape in aircargo and cargo, on lemon in air stores, and on reed jacket for liquor in air baggage from Chile.

Bruchus tristis (Bruchidae) in broadbean in baggage, grass pea in baggage and mail, and white lupine seed in baggage from Italy; and in pea in stores from Greece.

Cacaecimorpha (Archips) pronubana (Tortricidae) in chayote and pomegranate in baggage from Italy.

Carposina niponensis (Carposinidae) in apple in stores from Japan.

Ceroplastes rubens (Coccidae) on anthurium leaf in mail and maile alyxia in baggage and mail from Hawaii.

Chilo suppressalis (Crambidae), the Asiatic rice borer (16 times), in rice straw in air baggage from Japan, baggage from Formosa, Spain, and an unknown origin, and mail and stores from Japan.

Coccus viridis (Coccidae) (40 times) on Brazil peppertree, *Citrus* sp. twig, coffee berry and leaf, *Gardenia* spp., guava, horseshoe geranium, ixora, jasmine, and lychee from Barbados, Brazil, Cuba, Hawaii, Madeira Islands, and St. Kitts.

Coptotermes niger (Rhinotermitidae) in rosewood log in cargo from Brazil and in virola log in cargo from Costa Rica.

Cryptoblabes gnidiella (Phycitidae) (18 times) in bamboo in baggage from Italy, on cockscomb cut flower in baggage from Greece, in lemon in air stores from Spain, on oleander cutting in air baggage from Bermuda, in pomegranate in air baggage from Israel and baggage from Italy, and in sweet orange in air baggage from Italy and air stores and stores from Spain.

Cylas formicarius (Curculionidae) in sweetpotato in aircargo and cargo from Hong Kong and Thailand.

Dialeurodes kirkaldyi (Aleyrodidae) on Arabian jasmine in mail and on frangipani cutting in air baggage from Hawaii, on gardenia in air baggage from Tahiti, and on jasmine in aircargo from the Philippines.

Diaspis juniperi (Coccidae) on Lawson falsecypress in cargo from the Netherlands.

Dichocrocis punctiferalis (Pyraustidae) on Japanese white pine in baggage from Japan and on rambutan in air baggage from the Federation of Malaya.

Dyspessa ulula (Cossidae) in garlic in cargo from Italy and Spain and stores from Yugoslavia.

Earias cupreoviridis (Noctuidae) in okra in stores from British West Africa.

Ectomyelois ceratoniae (Phycitidae) (33 times) in almond, Arabian coffee, assorted seed, barringtonia pod, English walnut, goldenshower senna pod, pomegranate, quince, sweet orange, and tamarind seed pod. Countries of origin were Africa (country(?)), Greece, Hawaii, Israel, Italy, Jamaica, Montserrat, Philippines, Portugal, Puerto Rico, and Turkey.

Epichorista ionephela (Tortricidae) on Cape chinkerichee in cargo and mail from the Republic of South Africa.

Epilachna 28-punctata (Coccinellidae) in cabbage in stores from Australia.

Epinolia aporema (Olethreutidae) in broadbean in air baggage from Ecuador and in pigeonpea in air baggage from Jamaica.

Euscepes postfasciatus (Curculionidae) in sweetpotato in stores from Brazil and Trinidad.

Evergestis forficalis (Pyraustidae) in cauliflower in stores from Norway.

Frankliniella intonsa (Thripidae) (17 times) on carnation, gladiolus, mixed cut flowers, rose, strawflower, and sweetpea in air baggage from Denmark, England, France, Germany, Hungary, Poland, and Sweden; and on rose in cargo from France.

Gnorimoschema ocellatella (Gelechiidae) in beet in air baggage from Italy and stores from the United Arab Republic.

Grapholitha janthiana(?) (Olethreutidae) in apple in air baggage and baggage from Austria, Rumania, and Yugoslavia and in air stores from an unknown origin.

Lampides boeticus (Lycaenidae) in broadbean in stores from the United Arab Republic and in mauna loa lei in air baggage and baggage from Hawaii.

Laspeyresia splendana (Olethreutidae) (29 times) in chestnut in air baggage and baggage from Germany, Italy, Portugal, Spain, Turkey, and Yugoslavia and in cargo from Italy.

Laspeyresia strobilella (Olethreutidae) in pine cone in baggage from England; and in spruce cone in air baggage and baggage from Germany and an unknown origin.

Lobesia botrana (Olethreutidae) in grape in air baggage from Italy and Lebanon.

Mamestra brassicae (Noctuidae) in *Brassica* sp. in stores from Japan, in cabbage in stores from England, France, Germany, Italy, and the Netherlands, in cauliflower in stores from Tanganyika, and in parsley in stores from Italy.

Maruca testulalis (Pyraustidae) (35 times) in cargo (with celery and chayote) from Puerto Rico, in jade flower(?) and mauna loa lei in air baggage and baggage from Hawaii, in pigeonpea in air baggage, airmail, and cargo from Puerto Rico, in sesbania in air baggage and mail from Hawaii, and in string bean in air baggage, airmail, and cargo from Puerto Rico and stores from Brazil and Japan.

Megastes grandalis (Pyraustidae) in sweetpotato in stores from Brazil.

Melolontha melolontha (Scarabaeidae), a chafer (28 times), as stowaway on airplane from France.

Nilotaspis halli (Coccidae) on *Prunus* sp. scion in aircargo from Iran.

Ostrinia (*Pyrausta*) *nubilalis* (Pyraustidae) in broomcorn stalk in baggage and cargo from Italy and in mail from Yugoslavia, in chestnut in air baggage from Italy, on chrysanthemum in air baggage from Japan, with military cargo from Spain, and in string bean in stores from Japan.

Oulema (*Lema*) *melanopa* (Chrysomelidae) in soil with heather plant in baggage from Germany and on unidentified plant in cargo from the Netherlands.

Parlatoria zizyphus (Coccidae) (49 times) on *Citrus* sp. leaf, grapefruit, lemon, Mandarin orange, pummelo, sour and sweet lime, and sweet orange from Algeria, Cameroun, China, Formosa, Gambia, Hong Kong, Israel, Italy, Japan, Liberia, Okinawa, Philippines, Spain, Thailand, and an unknown origin.

Pectinophora gossypiella (Gelechiidae), the pink bollworm (33 times), in bale of cotton in cargo from India; in bale of cotton motes in cargo from Brazil; in cotton boll in air baggage from Haiti, Hawaii, Italy, and Turkey, baggage from Mexico, and mail from Hawaii; in cottonseed in air baggage from Brazil and Grand Cayman, baggage from Mexico, cargo from Hong Kong and the United Arab Republic, and quarters from Mexico; in hibiscus lei in air baggage from Cuba; in Levant cotton boll in air baggage from Trinidad; in okra in air baggage from the Dominican Republic, Haiti, and Jamaica and in aircargo and stores from the Dominican Republic; and in seed cotton in quarters from Mexico.

Perkinsiella saccharicida (Delphacidae) on anthurium flower in air baggage from Hawaii.

Phalonia zephyrana (Phaloniidae) in carrot in stores from Italy.

Pieris brassicae (Pieridae) on cabbage in stores from Italy, on lettuce in stores from the Azores, and with military cargo from Greece and Morocco.

Pityogenes chalcographus (Scolytidae) in conifer dunnage from Belgium and Germany.

Prays oleellus (Hyponomeutidae) in olive leaf cutting and fruit in air baggage and baggage from Italy.

Prodenia litura (Noctuidae) in pepper in stores from Israel.

Rhynchites auratus (Curculionidae) in sloe seed in mail from Scotland.

Sesamia cretica (Noctuidae), the durra stem borer, in sorghum stalk in cargo from Italy.

Stenoma catenifer (Stenomidae) (23 times) in avocado in air baggage and baggage from Brazil, Colombia, Ecuador, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, and Panama.

Taeniothrips gracilis (Thripidae) (18 times) on amaryllis bulb in cargo from Japan, on cut gladiolus in air baggage from Bermuda, on *Lycoris* spp. bulbs in cargo from Japan, on polyanthus narcissus bulb in air baggage from Formosa, and on sweetpea in air baggage from Bermuda.

Tetranychus viennensis (Tetranychidae) on apple in air baggage from Germany, air stores from an unknown origin, and stores from Japan.

Thrips major (Thripidae) on fig in air baggage from Italy, on heather in air baggage from Germany, on lily-of-the-valley in air quarters from an unknown origin, on mixed cut flowers in air baggage from Denmark and Scotland, and on roses in air baggage from the Azores, England, France, and Germany and in aircargo from France.

Trogoderma granarium (Dermestidae), the khapra beetle (202 times), with bagging (including used burlap and wrappers on cinnamon, cotton waste, guar gum, karaya gum, pigeonpea, rice, stores, etc.), bean, celery seed, chickpea, cinnamon, common cassava, cottonseed, cumin seed, debris, food, filbert nut, ginger root, gum, gum arabic, gum ghatti, guar gum, gutta-percha, karaya gum, lima bean, myrobalan, pea, peanut, pistache nut, quarters of ship, rice, rye straw, stores (including bean, chickpea, corn, flour, grits, lentil, macaroni, noodles, pigeonpea, sesame seed, soybean, and miscellaneous dry stores), and wheat. Infested materials were from the following countries: Ceylon, China, England, Federation of Malaya, Formosa, France, Germany, Greece, Hong Kong, India, Iraq, Italy, Japan, Korea, Kuwait, Mozambique, Netherlands, Nigeria, Pakistan, Philippines(?), Senegal, Singapore, Sudan, Thailand, United Arab Republic, and an unknown origin.

Unaspis yanonensis (Coccidae), the yanone scale (467 times), on *Citrus aurantium* var., *Citrus* sp., grapefruit, ichandarin, ichang bitter-orange, King orange, lemon, lime, Mandarin orange, sour orange, sweet orange, and tangelo from Japan and the Philippines.

Zeadiatraea lineolata (Crambidae) in corn in air baggage from Honduras.

SNAILS

The following snails of particular interest were intercepted:

Bradybaena similaris (13 times) on various cut flowers and foliage in air baggage, baggage, cargo, and mail from Hawaii; and in soil with asparagus plant in air baggage from Bermuda.

Achatina fulica, the giant African snail (5 times), with air baggage and in mail from Hawaii; and with stone in cargo from Guam.

Cochlicella barbara (26 times) on military cargo from France, Morocco, Spain, and Turkey; and in soil in baggage from Italy.

Cochlicella conoidea on military cargo from Spain.

Cochlicella ventrosa (10 times) on military cargo from the Azores, Bermuda, Italy, Morocco, and an unknown origin.

Euglandina striata (17 times) on banana in cargo from Ecuador.

Ten species of *Helicella* were intercepted a total of 41 times from the Azores, France, Greece, Italy, Libya, Morocco, Netherlands, Spain, Turkey, and an unknown origin. The hosts were cabbage seed, camomile, military cargo, nasturtium seed, romaine lettuce, soil sample, soil with automobile, and sweet orange.

Monacha cantiana on lettuce in stores from Italy, military cargo from France, and unidentified plant in cargo from Germany.

Monacha carthusiana on cabbage seed in baggage and on military cargo from Italy.

Porphyrobaphe iostoma (8 times) on banana in cargo from Ecuador and an unknown origin; and in quarters from Ecuador.

Rumina decollata in soil in baggage from Italy.

Solaropsis monile (3 times) on banana in cargo from Ecuador.

Subulina octona on bromeliad plant in aircargo from Surinam and on avocado seedling in air baggage from St. Lucia.

Theba pisana, the Mediterranean land snail (64 times), on camomile in aircargo, on military cargo, in quarters, and on beet, cabbage, lettuce, other mollusks, and sweet

orange in stores from the following countries: France, Italy, Libya, Morocco, Spain, Turkey, and an unknown origin.

Other snails of potential economic importance were *Ceciloides acicula*, *Cepaea hortensis*(?), *Helicina strebeli*, *Helix aspersa*, *H. pomatia*, *Lamellaris gracilis*, *Limax marginatus*, *L. maximus*, *Otala lactea*, *O. vermiculata*, *Oxychilus alliarius*, and *O. draparnaldi*.

DISEASES

Elsinoe australis, the sweet orange scab, was intercepted a total of 163 times; 98 from Brazil, 55 from Argentina, 7 from an unknown origin, and 3 from Uruguay. The hosts were grapefruit, lemon, lime, Mandarin orange, and sweet orange.

Phoma citricarpa (perfect stage is *Guignardia citricarpa* Kiely), the black spot of citrus, was intercepted 255 times; 75 of these came from an unknown origin, 46 from Japan, 34 from Hong Kong, 28 from Australia, 27 from the Republic of South Africa, 25 from China, 8 from Formosa, 3 from Africa (country(?)), 2 each from Asia (country(?)), Fiji, and Mozambique, and 1 each from Brazil, New Zealand, and the West Pacific. The hosts were *Citrus* sp., citron, grapefruit, lemon, Mandarin orange, pummelo, sour orange, sweet orange, and tangelo.

Xanthomonas citri, citrus canker, was intercepted 127 times; 107 came from Japan, 4 from Hong Kong, 3 each from China, Formosa, India, and an unknown origin, 2 from the Philippines, and 1 each from Thailand and Vietnam. The hosts were *Citrus* sp., grapefruit, ichandarin, lemon, lime, Mandarin orange, pummelo, Satsuma orange, sour orange, and sweet orange.

Xanthomonas sp. (Cancrosis B) was intercepted 5 times; 3 from Argentina and 2 from an unknown origin, on grapefruit and lemon.

Other pathogens of special interest were:

Gymnosporangium haraeum on pyramid Chinese juniper and sargent Chinese juniper in air baggage, aircargo, and cargo from Japan.

Phomopsis occulta var. *ginkgoina* on dwarf ginkgo tree in cargo from Japan.

Phomopsis palmicola on betel palm nut in mail from Guam.

Phomopsis pterophila on samara wing of European ash seed in cargo from Italy.

Phyllosticta salicifoliae on iron tree in air baggage from Australia.

Phyllostictina cordylines on ti in air baggage and aircargo from Hawaii.

Phyllostictina mangiferae on mango leaf in baggage from Mexico.

Prospodium perornatum on herbarium specimen of trumpet tree in baggage from Mexico.

Prospodium pithecoctenii on Mexican monkeycomb seed pod in air baggage and baggage from Mexico.

Puccinia hordei on barley straw in mail from Kenya. First interception of this pathogen from that country.

Puccinia kusanoi on bamboo leaf in airmail from Japan.

Puccinia noccae on *Lagascea glandulosa* cutting in herbarium press in baggage from Mexico. New host as far as is known.

Sphenospora mera on *Catasetum* sp. and *Mormodes* sp.(?) orchid leaves in aircargo from Peru.

Sphenospora saphena on *Oncidium pulchellum* orchid leaf in air baggage from Haiti and aircargo from Jamaica, on *Oncidium* sp. leaf in aircargo from Peru, and on orchid leaf in air baggage from Haiti. *S. saphena*(?) on *Ionopsis utricularioides* leaf in air baggage from Jamaica. This is a new host for this rust.

Uredo nidularii on bromeliad leaf in aircargo from Costa Rica and on tillandsia leaf in baggage and cargo from Mexico.

Uredo oncidii on *Ornithocephalus* sp. orchid leaf in aircargo from Panama and Peru and on *Rodriguezia* sp.(?) orchid leaf in aircargo from Peru.

Uromyces aloes on *Aloe dewettii*, *A. simii*, and *A. vryheidensis* in aircargo from the Republic of South Africa.

Uromyces fabae (5 times) on lentil in air baggage from Argentina, cargo and quarters from Chile, and stores from an unknown origin; and on broadbean in stores from the Netherlands.

NEMATODES

Aphelenchoides bicaudatus in sweetpotato in baggage from Mexico.

Aphelenchoides fragariae(?) in hyacinth bletilla stem in cargo from Japan.

Criconemoides mutabile in soil with flamboyant-tree, philodendron, and unidentified plant in baggage from Mexico.

Ditylenchus dipsaci in narcissus bulb in mail from England.

Helicotylenchus nannus in soil with asparagus, botree fig, citrus, *Echeveria* sp., laurel, pepper, spiderwort, and unidentified plant in baggage from Mexico.

Heterodera avenae, the oat nematode (12 times), in soil with the following: Freesia bulb in cargo from England, garlic and onion in cargo and grape root and lemon tree in baggage from Italy, potato in stores from Belgium, rose bush in mail from Germany, tulip bulb in cargo from Denmark, and used automobile in cargo from Sweden.

Heterodera cacti (27 times) in soil with begonia, cactus, fern, garlic, philodendron, tuberose, railway car, and unidentified plants from Argentina, Chile, France, Germany, Italy, Mexico, and Switzerland.

Heterodera punctata (14 times) in soil with amaryllis, automobile, babysbreath, begonia, cactus, grass sod, heather, philodendron, railway car, rose, and unidentified plant from Austria, Belgium, England, Germany, Mexico, Norway, and Switzerland.

Heterodera rostochiensis, the golden nematode (29 times), in soil sample and soil with chrysanthemum, shamrock, and violet plants in air baggage; in soil with strawberry plant in airmail; in soil with amaryllis, begonia, cactus, fern, *Haworthia papillosa*, ivy, palm, peony, and unidentified plant in baggage; in soil with dahlia root, *Dianthus* sp., horseshoe geranium, *Medinilla magnifica*, and rose plant in mail; and in soil with celeriac, celery, horseradish, lettuce, potato, and turnip in stores. Countries of origin were Belgium, England, Germany, Ireland, Mexico, Netherlands, Poland, Spain, and Sweden.

Meloidogyne arenaria, *M. arenaria arenaria* (first interception), *M. hapla*, *M. incognita*, *M. incognita acrita*, and *M. javanica*, rootknot nematodes, were intercepted from Argentina, England, Germany, Guatemala, Italy, Japan, Mexico, Netherlands, and the Republic of South Africa. Hosts were roots of the following: Alocasia, asparagus, beet, caladium, calla lily, capefuchsia, carrot, clematis, common edelweiss, coriander, *Cussonia* sp., *Euphorbia multiceps*, fragrant viburnum, gardenia, gerbera, rose bush, tuberose, tuberous begonia, and yam.

Pratylenchus penetrans in dahlia root in mail from Australia.

Pratylenchus pratensis in geranium in baggage from Mexico.

Psilenchus hilarulus in mesembryanthemum and in soil with unidentified plant in baggage from Mexico.

Radopholus similis in anthurium root in baggage from Hawaii.

Scutellonema brachyurum in soil with *Crassula* sp. and African-violet plants in baggage from Mexico.

Scutellonema christie in soil with philodendron plant in baggage from Mexico.

Tylenchorhynchus capitatus in soil with citrus plant in baggage from Mexico.

Tylenchus costatus in soil with African-violet plant in baggage from Mexico.

Tylenchus filiformis in soil with African-violet plant in baggage from Mexico.

INCOMPLETELY DETERMINED PESTS

Sometimes it is not possible to complete a determination as to species, due to the stage or condition of the insect or pathogen when intercepted or the fact that it is undescribed. Many of these pests are (1) of potential economic importance, (2) unreported from the country of origin or the United States, or (3) new to the host plant. Some of the significant ones are included in this writeup, but not in the table. This year there were 2,765 insects, 525 diseases, and 195 nematodes, or a total of 3,485 incompletely determined interceptions considered important enough to record.

INCOMPLETELY DETERMINED FRUIT FLIES

There were 230 incompletely determined fruit fly interceptions as follows:

Anastrepha sp., possibly *fraterculus* (Wied.) (4 times) in coffee berry in air baggage from Brazil and Colombia, loquat in air baggage from Brazil, and quince in air baggage from Peru.

Anastrepha sp., possibly *ludens* (9 times) in kaki persimmon in air baggage from Mexico, mamey and mamey sapote in baggage from Mexico, mango in baggage from Mexico and quarters from Panama, sweet orange in air stores from Guatemala, and white sapote in baggage from Mexico.

Anastrepha sp., possibly *mombinpraeoptans* (15 times), in avocado in air baggage from El Salvador; in mango in air baggage from Aruba, El Salvador, Guatemala, and Panama and in airmail, baggage, and quarters from Puerto Rico; in mombin in air baggage from Costa Rica and Guatemala; in tropical almond in air baggage from Jamaica; and in unidentified fruit in baggage from Mexico.

Anastrepha sp., possibly *serpentina* (3 times), in mamey in air baggage and sapote in air baggage and baggage from Mexico.

Anastrepha sp., possibly *striata* (Schin.) (9 times), in guava in air baggage from Panama and baggage from Mexico; and in sweet orange in air baggage from Guatemala.

Anastrepha sp., possibly *suspensa* (11 times), in guava in air baggage from Cuba and Puerto Rico, in rose-apple in air baggage from the Dominican Republic, in sapodilla in air baggage from Cuba, and in tropical almond in air baggage from Jamaica and Puerto Rico and baggage from an unknown origin.

Anastrepha sp., (127 times) in *Annona* sp., apple, baggage, cherimoya, custard-apple grapefruit, guava, mamey, mango, *Matisia cordata*, palm fruit, pear, pepper, purple mombin, quince, sapodilla, sapote, star-apple, sweet orange, tropical almond, unidentified fruit, and yellow mombin. Countries of origin were Argentina, Barbados, Brazil, British Honduras, Colombia, Costa Rica, Dominican Republic, Ecuador, El Salvador, Guatemala, Honduras, Jamaica, Mexico, Nicaragua, Panama, Peru, Puerto Rico, Trinidad, an unknown origin, and Venezuela. *Anastrepha* sp. (?) (twice) in Arabian coffee berry in air baggage from Jamaica and Mandarin orange in air stores from Brazil (?).

Dacus sp., probably *ciliatus* Loew (once) in cucumber in stores from Senegal.

Dacus sp., possibly *cucumerius* Sack (once) in cucumber in stores from French West Africa (intercepted before the division of this country).

Dacus sp. (7 times) in avocado in air quarters from an unknown origin, cucumber in stores from the Ivory Coast, and guava in air baggage from American Samoa, Hawaii, and the Philippines. *Dacus* sp. (?) (once) in sour sop in air baggage from French Equatorial Africa (intercepted before the division of this country).

Rhagoletis sp., possibly *cerasi* (once), in plum in air stores from Spain.

Rhagoletis sp. (13 times) in apple, black walnut, and red haw in baggage from Mexico and jujube in air baggage from Italy. *Rhagoletis* sp. (?) (6 times) in apple in air baggage from Mexico, air stores from an unknown origin, and baggage from Italy; in *Crataegus grayana* fruit in mail from an unknown origin; in miyama cherry seed in mail from Japan; and in pear in baggage from Mexico.

Tephritidae, genus and species of Tephritinae (twice) on *Bellis* sp. in air quarters from an unknown origin and on flower with seed in air baggage from Guatemala. Tephritidae, probably Tephritinae (once) on composite flower in packing material in cargo from Mexico.

Tephritidae (16 times) in common smoketree seed in mail from Austria, globe artichoke leaf in air baggage from Italy, green pea in stores from Japan, guava in airmail from Puerto Rico, mango skins in air quarters from Brazil, *Osteospermum spinosum* seed in aircargo from the Republic of South Africa, peach in air baggage from an unknown origin, pepper in air baggage from the Philippines, *Physalis* sp. in cargo from Mexico, plantain in air baggage from Hawaii, pomegranate in baggage from Italy, Satsuma orange in air baggage from Colombia, shelled corn in air baggage from Brazil, and tropical almond in air baggage and mail from Hawaii. Tephritidae (?) (twice) in *Dioon edule* plant in cargo from Mexico and tuberose lei in air baggage from Tahiti.

Terellia sp. (once) in globe artichoke in baggage from France.

INSECTS OTHER THAN FRUIT FLIES

Of special interest among the incompletely determined insects, other than fruit flies, were the following:

Acalles sp. (Curculionidae), not in the U.S. National Museum Collection, in cyclamen bulb in cargo from Italy.

Aegyptobia n. sp. (Tenuipalpidae) on leaf of dwarf pyramid Chinese juniper in baggage from Japan.

Agriotes sp., near *obscurus* (L.) (Elateridae), in beet in stores from Italy.

Aleyrodidae, new genus near *Aleurodicus*, n. sp., on *Epidendrum fragrans* leaf in aircargo from Nicaragua; and on orchid leaf in aircargo from British Honduras and baggage and cargo from Mexico.

Aphidae, perhaps Pemphiginae, not found in literature or in the U.S. National Museum Collection, on clematis seed in airmail from Japan.

Argyresthia sp., near *eugeniella* Busck (Hyponomeutidae), in guava in air baggage from El Salvador.

Argyresthia sp. (Hyponomeutidae) on pyramid Chinese juniper in air baggage from Japan.

Argyroploce sp. (Olethreutidae) in bell pepper in stores from the Republic of South Africa.

- Athalia* sp. (Tenthredinidae) in petsai in stores from Japan.
- Athous* sp. (Elateridae) in soil with azalea plant in air baggage from Belgium.
- Blastodacna* sp. (Cosmopterygidae) in peach in air stores from Italy.
- Blissus* n. sp. (Lygaeidae) on *Andropogon* sp. grass sample in baggage from Mexico.
- Brachyrhinus* sp. (Curculionidae) with packing material in cargo from the Netherlands.
- Cacaecimorpha* sp., near or *pronubana* (Tortricidae), in sweet orange in baggage from Italy.
- Ceroplastes* sp., may be *cirripediformis* Comst. (Coccidae), on holly malpighia in air baggage from Bermuda.
- Ceroplastes* sp., may be *rusci* complex (Coccidae), on *Eucalyptus* sp.(?) leaf in air baggage from India.
- Ceroplastes* sp. (Coccidae) on bird-of-paradise-flower leaf in aircargo from Italy, on chrysanthemum plant in air baggage from Venezuela, on gardenia leaf in mail from Australia, on laurel in quarters from Italy, on mint plant in air baggage from Cuba, on passionflower in baggage and plumeria in air baggage from Hawaii, and on unidentified leaf in baggage from Italy.
- Chirothrips* sp., probably *aculeatus* Bgn. (Thripidae), on mixed cut flowers in air baggage and nursery stock in cargo from Germany.
- Chrysomphalus* sp., undescribed (Coccidae), on bromeliad leaf in aircargo from Jamaica.
- Cocotrypes* sp. (Scolytidae) in betel palm nut in baggage from India.
- Coptotermes* sp., probably *testaceus* (L.) (Rhinotermitidae), in rosewood log in cargo from Brazil.
- Coptotermes* sp. (Rhinotermitidae) in *Paurotis wrighti* log in cargo from Mexico.
- Dallasiellus* sp. (Pentatomidae), not in U.S. National Museum Collection, on orchid leaf in aircargo from Nicaragua and baggage from Mexico.
- Diaprepes* sp., evidently *famelicus* (Ol.) var. (Curculionidae), on marigold flower in air baggage from Bermuda.
- Diatraea* sp., near or *considerata* Hein. (Crambidae), on sugarcane in baggage from Mexico.
- Diatraea* sp., near or *magnifactella* Dyar (Crambidae), on sugarcane in baggage from Mexico.
- Dimorothrips* sp., may be *hookeri* Hood (Thripidae), very pale for any described species, on orchid plant in aircargo from Peru.
- Dysdercus* sp., possibly *mavrus* Dist. (Pyrrhocoridae), with bromeliad plant in airmail from Brazil.
- "*Eulia*" sp. (Tortricidae) in plum, peach, and grape in cargo from Chile.
- Eurytoma* sp. (Eurytomidae) in bromeliad seed pod in aircargo from Peru, with kafirbread seed in mail from the Republic of South Africa, and in galls on eucalyptus in aircargo from Australia.
- Euura* sp. (Tenthredinidae) in willow twig tie in air baggage from Switzerland.
- Euzophora* sp., near or *bigella* (Zell.) (Phycitidae), in quince in baggage from Greece.
- Fiorinia* sp., not placed as anything described (Coccidae), on date in air baggage from Saudi Arabia.
- Gnorimoschema* sp., near or *borsaniella* (Koehl.) (Gelechiidae), in pepper in air baggage from Argentina.
- Harmolita* sp. (Eurytomidae) on pampasgrass in air baggage from Turkey and on esparto grass in cargo from Italy.
- Heilipus* sp. (Curculionidae) in avocado seed in air baggage from Panama and baggage from Mexico.
- Heliothis* sp., presumably *armigera* (Hbn.) (Noctuidae), with cauliflower in stores from Greece, in chili pepper in stores from Japan, in tomato in cargo from the Canary Islands, in eggplant in stores from the Republic of South Africa, and in corn stalk in aircargo from Spain.
- Hyperodes* sp. (Curculionidae) in carrot in stores from Argentina.
- Ips* sp. (Scolytidae) in pine bark in dunnage from Japan and crate in cargo from Italy.
- Laspeyresia* sp. (Olethreutidae), not represented by larval stage in the U.S. National Museum Collection, in broadbean in aircargo from Italy.
- Lecanium* sp. (Coccidae) on dwarf English yew in cargo from England and on podocarpus leaf in airmail from the Netherlands.
- Lixus* sp. (Curculionidae) on wawa log in cargo from Ghana.
- Lygaeidae, subfamily Pachygronthinae, not represented in the U.S. National Museum Collection, on protea seed in aircargo from the Republic of South Africa.

- Malacorhinus* sp. (Chrysomelidae), not in the U.S. National Museum Collection, on orchid plant in air baggage from Jamaica(?).
- Megastigmus* sp. (Torymidae) in white spruce seed in cargo from Denmark.
- Mesolecanium* sp. (Coccidae), not placed as described, on bromeliad in cargo from Mexico.
- Miridae, subfamily Bryocorinae, tribe Bryocorini, not in the U.S. National Museum Collection, on agave in cargo from Mexico.
- Myeloidis* group (Phycitidae), a species not represented in the U.S. National Museum Collection, on Ivorycoast cherry-orange in airmail from the Republic of the Congo.
- Nematus* sp. (Tenthredinidae) on birch leaf in air baggage from Italy.
- Neocattarus* sp. (Lygaeidae), probably new, on bromeliad, orchid, and philodendron plants in baggage from Mexico and orchid plant in aircargo from Guatemala.
- Olethreutidae, not represented by larval stage in the U.S. National Museum Collection, in legume pod in stores from Japan.
- Phatnoma* sp. (Tingidae), not in the U.S. National Museum Collection, in cacao bean pod in air baggage from Ecuador.
- Phyllobrotica* sp. (Chrysomelidae) on lily bulb in cargo from Japan.
- Pieris* sp., probably *brassicae* (Pieridae), with military cargo from Greece.
- Premnotrypes* sp. (Curculionidae) (7 times) in potato in air baggage and stores from Colombia and Peru.
- Reticulitermes* sp., probably *lucifugus* (Rossi) (Rhinotermitidae), on dahlia root in baggage from Greece.
- Stenotarsonemus* sp. (Tarsonemidae), probably n. sp., on sweet orange in air stores from Jamaica.
- Stephanopachys* sp., probably *quadricollis* (Marseul) (Bostrichidae), in pine wood in cargo from Portugal.
- Tetranychus* sp., probably undescribed, near *cinnabarinus* (Bois) (Tetranychidae), on nettlespurge in baggage from Aruba.
- Xyloperthodes* sp., probably *nitidipennis* (Murray) (Bostrichidae), in wawa log in cargo from Ghana.
- INCOMPLETELY DETERMINED DISEASES**
- Of the 525 incompletely determined diseases which were recorded, the following are of special interest:
- Ascochyta* sp. on *Glycine javanica* seed in mail from Ethiopia. None reported from Ethiopia as far as is known.
- Cercospora* sp. on coriander in cargo from Puerto Rico and on mahonia in air baggage from Japan. None reported on mahonia as far as is known.
- Colletotrichum* sp. on leaf of oyster rhoeo in mail from Hawaii. None reported on this host as far as is known.
- Coniothecium* sp., may be *chomatosporum* Cda., on apple in cargo from New Zealand.
- Coniothyrium* sp. on lemon in stores from Aruba and on sour orange in stores from Japan.
- Curvularia* sp., probably *geniculata* group, on *Strongylodon macrobotrys* in aircargo from the Philippines.
- Diorchidium* sp. or *Dicheirinia* sp., probably new, on senna in baggage from Mexico.
- Dothiorella* sp., probably new, on orchid stem in aircargo from British Honduras and Venezuela.
- Eremotheca* sp. on *Odontoglossum* sp. leaf in cargo from Mexico.
- Graphium* sp. on Hindu lotus in stores from Japan. None reported on this host as far as is known.
- Hormiscum* sp. on boojamtree plant in baggage from Mexico.
- Massaria* sp. on *Conyza velutina* cutting in aircargo from the Federation of Malaya. None reported on this host as far as is known.
- Monilia* sp. on *Bombax* sp.(?) fruit in baggage from Mexico.
- Mycosphaerella* sp. on tree peony plant in aircargo from Japan.
- Ophiobolus* sp. on coconut in baggage from Hawaii and Tahiti.
- Phomopsis* sp. on flame amherstia in aircargo from Indonesia, *Lucia calathea* leaf petiole in aircargo from Canada, and smooth senna seed in mail from Southeast Asia.
- Phyllosticta* sp. on teatree in aircargo from Australia.
- Phyllostictina* sp. on maile alyxia in air baggage from Hawaii and nandina in air baggage from Japan.
- Robillarda* sp., close to *agrostidis* Sprague, on Bermuda grass in airmail from India.
- Robillarda* sp. on vanda orchid leaf in baggage from Venezuela.
- Septoria* sp. on common anthurium leaf in aircargo from Belgium and on coriander in baggage from Mexico.

Sphenospora sp., may be new, on *Huntleya burtii* orchid plant in aircargo from Costa Rica, on *Lycaste* sp. (?) leaf in aircargo from Peru, and on pansy orchid leaf in air baggage from Panama.

Sporodesmium sp., close to *tropicale* Ellis, on sago palm plant in air baggage from Okinawa. New to host as far as is known.

INCOMPLETELY DETERMINED NEMATODES

Aphelenchoides sp., closely related to *parietinus* (Bastian) Steiner, in dahlia root in mail from France.

Aphelenchoides sp. in dahlia root in cargo from Japan, geranium leaf in baggage from Mexico, oxalis bulb in aircargo from the Netherlands, narcissus plant in baggage from Mexico, and in soil with elephantsear plant, tuberose bulb, and unidentified cutting in baggage from Mexico.

Aphelenchus sp. in dahlia root in mail from France and in narcissus plant and soil with tuberose bulb in baggage from Mexico.

Criconemoides sp. in soil with banana and jasmine plants in baggage from Mexico.

Ditylenchus sp. in narcissus plant in baggage from Mexico.

Helicotylenchus sp. in soil sample and soil with African-violet, banana, cactus, coleus, gardenia, and unidentified cutting and plant in baggage from Mexico.

Heterodera sp., probably *rostochiensis*, in soil with *Haworthia papillosa* plant in baggage from Mexico.

Other members of the genus *Heterodera* were intercepted a total of 91 times from Argentina, Bahamas(?), Belgium, Bermuda, Chile, Colombia, Czechoslovakia, El Salvador, England, France, Germany, Ireland, Italy, Japan, Mexico, Netherlands, Norway, Spain, Sweden, and Yugoslavia. These were taken from a soil sample and soil, in air baggage and baggage, with gladiolus corm, unidentified bulb, and the following plants: Asparagus, begonia, cactus, carnation, Compositae, flamboyant-tree, gerbera, gloxinia, heather, ivy, Ming tree, myrtle, parsley, rosemary, sansevieria, unidentified plant, and walnut seedling; from soil in aircargo and cargo with aircraft engine, automobile, machinery, sun dried adobe brick, tank tracks, and the following plant material: Cape-cowslip bulb, garlic, lily bulb, and onion; from soil in air stores and stores with beet, carrot, celeriac, parsley, potato, turnip, and yam; and from soil in mail with dahlia root, iris rhizome, laurel tree, and rose bush.

Meloidogyne sp., probably *hapla*, in dahlia root in soldier's mail from an unknown origin.

Meloidogyne sp., probably n. sp., in tuberose bulb in cargo from Italy.

Meloidogyne sp. was intercepted 51 times in roots of agapanthus, alumroot, *Andromischus* sp., astilbe, begonia, caladium, calla lily, canna, clematis, Compositae, dahlia, dasheen, delphinium, echeveria, eucharis, freesia, gentian, gerbera, gloxinia, Japanese iris, monkshood, plantain-lily, *Reichsteineria cardinalis*, roundleaf resurrection-lily, rose bush, and unidentified cutting and plant. Countries of origin were Australia, Cuba, England, France, Germany, Greece, Guatemala, India, Israel, Italy, Japan, Mexico, Netherlands, Republic of South Africa, Spain, and Switzerland.

Pratylenchus sp. in dahlia root and Japanese iris rhizome in cargo from Japan, Christmas-rose and primrose roots in cargo from the Netherlands, resurrection-lily root in aircargo from England, and soil with laurel tree in baggage from Mexico.

Psilenchus sp. in soil with laurel tree and spiderwort plant in baggage from Mexico.

Rotylenchulus sp. in soil with unidentified plant in baggage from Jamaica.

Rotylenchus sp. in root of poinsettia plant in stores from Hawaii.

Scutellonema sp. in soil with unidentified plant in baggage from Mexico.

Tylenchorhynchus sp. in aluminum plant in air baggage from Germany and in soil with African-violet, laurel tree, and unidentified plant in baggage from Mexico.

Tylenchus sp. in soil with cactus plant and tuberose bulb in baggage from Mexico.

Xiphinema sp. in soil with unidentified plant in baggage from Mexico.

Summary of Numbers of Interceptions Listed in Main Table

Country	Insect	Disease	Country	Insect	Disease
Africa:			Europe—Continued		
Africa (country(?)).....	2	3	Belgium.....	18	8
Algeria.....	2	0	Bulgaria.....	2	0
Angola.....	1	0	Czechoslovakia.....	2	0
British West Africa.....	1	0	Denmark.....	5	3
Cameroun.....	1	0	England.....	99	28
Canary Islands.....	1	0	Finland.....	1	0
Cape Verde Islands.....	3	0	France.....	96	5
Ethiopia.....	1	0	France(?).....	2	1
Federation of Rhodesia and			Germany.....	47	16
Nyasaland.....	3	0	Greece.....	39	0
Gambia.....	1	0	Hungary.....	9	0
Kenya.....	3	1	Ireland.....	69	2
Liberia.....	1	0	Italy.....	332	14
Libya.....	5	0	Italy(?).....	1	0
Madeira Islands.....	1	0	Netherlands.....	59	9
Morocco.....	57	0	Netherlands(?).....	1	0
Mozambique.....	1	2	Northern Ireland.....	137	0
Nigeria.....	5	0	Norway.....	8	2
Republic of South Africa.....	27	35	Poland.....	14	2
Republic of the Congo.....	1	0	Portugal.....	19	1
Senegal.....	1	0	Rumania.....	1	0
Sudan.....	16	0	Scotland.....	16	1
Tanganyika.....	1	0	Spain.....	69	5
United Arab Republic.....	26	0	Sweden.....	4	2
Asia:			Switzerland.....	4	17
Asia (country(?)).....	0	2	Yugoslavia.....	7	0
Burma.....	1	0	North America:		
Ceylon.....	7	0	Bermuda.....	14	1
China.....	6	32	Canada.....	1	5
Cyprus.....	4	0	Central America:		
Federation of Malaya.....	3	0	British Honduras.....	36	5
Formosa.....	20	12	Canal Zone.....	17	3
Hong Kong.....	11	38	Costa Rica.....	25	9
India.....	83	7	El Salvador.....	22	0
Indonesia.....	2	0	Guatemala.....	35	4
Iran.....	4	0	Honduras.....	21	4
Iraq.....	1	0	Nicaragua.....	17	3
Israel.....	14	0	Panama.....	25	6
Israel(?).....	1	0	Panama(?).....	1	0
Japan.....	603	468	Mexico.....	479	136
Japan(?).....	6	0	West Indies:		
Korea.....	3	2	American Virgin Islands.....	2	0
Kuwait.....	1	0	Anguilla.....	1	0
Lebanon.....	12	0	Antigua.....	4	1
Pakistan.....	15	2	Bahamas.....	16	8
Singapore.....	7	1	Barbados.....	3	0
Thailand.....	8	3	British West Indies.....	2	0
Turkey.....	8	0	Cuba.....	75	1
Vietnam.....	1	1	Curacao.....	1	0
Australasia:			Dominica.....	2	0
American Samoa.....	3	1	Dominican Republic.....	22	2
Australia.....	12	41	Grand Cayman.....	3	0
Australia(?).....	1	0	Haiti.....	30	4
Canton Island.....	1	0	Jamaica.....	52	11
Christmas Island.....	4	0	Martinique.....	1	0
Eniwetok.....	0	1	Montserrat.....	1	0
Fiji.....	6	2	Netherlands West Indies.....	1	0
Fiji(?).....	2	0	Puerto Rico.....	41	2
Guam.....	6	2	Puerto Rico(?).....	1	0
Guam(?).....	1	0	St. Kitts.....	4	0
Hawaii.....	482	13	St. Lucia.....	3	0
Kwajalein.....	3	0	Tortola.....	1	0
Netherlands New Guinea.....	1	0	Trinidad.....	17	6
New Guinea.....	1	0	West Indies (island(?)).....	2	0
New Zealand.....	2	2	South America:		
Norfolk Island.....	0	8	Argentina.....	17	61
Okinawa.....	6	1	Argentina(?).....	1	0
Okinawa(?).....	2	0	Brazil.....	89	107
Palmyra Island.....	1	0	Brazil(?).....	1	0
Palmyra Island(?).....	1	0	British Guiana.....	5	0
Philippines.....	38	9	Chile.....	32	4
Philippines(?).....	3	0	Chile(?).....	0	1
Solomon Islands.....	1	0	Colombia.....	20	2
South Pacific.....	2	0	Ecuador.....	60	2
Southwest Pacific.....	1	0	Peru.....	19	18
Tahiti.....	8	1	South America (country(?)).....	1	0
West Pacific.....	0	1	Surinam.....	2	1
Europe:			Uruguay.....	0	3
Austria.....	2	1	Venezuela.....	10	1
Austria(?).....	1	0	Venezuela(?).....	2	0
Azores.....	15	0			

Summary of Numbers of Interceptions Listed in Main Table—Continued

Country	Insect	Disease	Country	Insect	Disease
Totals:			Totals—Continued		
Africa.....	161	41	Total incompletely deter-		
Asia.....	821	568	mined pests.....	2,765	720
Australasia.....	588	82	Total insect interceptions.....	6,775	-----
Europe.....	1,079	117	Total disease interceptions.....	-----	2,033
North America.....	977	211	Grand total*.....	-----	8,808
South America.....	259	200			
Unknown.....	125	94			
Total.....	4,010	1,313			

* This total represents only pests of known or potential plant quarantine importance or organisms of scientific interest. The total of all interceptions made during the year was 25,575.

NOTE.—Interceptions were also made from Aruba, Bolivia, Guadeloupe, Ivory Coast, Jordan, Midway Islands, St. Martin, Saudi Arabia, and Wake Island.

Pests Collected and Reported From July 1, 1960, Through June 30, 1961

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of inter-ceptions in—			Collected in—
		Consump- tion	Nonentry	Propaga- tion	
<i>Acanthoderes circumflexa</i> (DuVal) (Cerambycidae):					
Airplane	Jamaica		1		Fla.
<i>Acanthoscelides obreptus</i> Bridwell (Bruchidae):					
<i>Phaeolus lunatus</i> (lima bean)	Peru		1		Calif.*
<i>Acanthothrips coriaceus</i> (Hal.) (Phlaeothripidae):					
<i>Lathyrus odoratus</i> (sweetpea) flower	Sweden	1			N.Y.
<i>Aceria hibisci</i> (Nal.) (Eriophyidae):					
<i>Hibiscus rosa-sinensis</i> (Chinese hibiscus)	American Samoa		1		Hawaii.
<i>Aceria macrorhynchus</i> Nal. (Eriophyidae):					
<i>Acer</i> sp. (maple) leaf	Iran			1	D.C.
<i>Aceria pluceae</i> (Cook) (Eriophyidae):					
<i>Pluthea odorata</i> (leaf)	Haiti	1			Fla.
<i>Aceria tulipae</i> (Keif.) (Eriophyidae):					
<i>Allium cepa</i> (onion)	Ecuador		1		Calif.*
<i>A. sativum</i> (garlic)	Argentina, Venezuela		2		Fla., N.Y.
<i>Achaea janata</i> (L.) (Noctuidae):					
Flowers	Hawaii	1			Hawaii.
<i>Achatina fulica</i> Bowdich (Achatinidae):					
Baggage	do	3			Hawaii.
Mail (shell collection)	do	1			Hawaii.
Stone	Guam	1			Calif.*
<i>Aclerda fraterna</i> (Stal) (Pentatomidae):					
<i>Vitis</i> sp. (grape)	Chile	1			N.Y.
<i>Acrolepia assectella</i> (Zell.) (Hyponomeutidae):					
<i>Allium porrum</i> (leek)	France, Italy, Spain		7		N.Y., Pa.
<i>Acronicta rumicis</i> (L.) (Noctuidae):					
<i>Juniperus chinensis</i> (pyramid Chinese juniper)	Japan			1	Hawaii.
<i>Adoretus sinicus</i> Burm. (Scarabaeidae):					
<i>Alpinia purpurata</i>	Hawaii	1			Hawaii.
<i>Adoxophyes orana</i> (F.R.) (Tortricidae):					
<i>Malus sylvestris</i> (apple)	Unknown		1		N.Y.
<i>Prunus persica</i> (peach)	do	1			N.Y.
<i>Rosa hybrid</i> (rose)	Netherlands			1	N.Y.
<i>Aegiale hesperiaris</i> (Wlk.) (Megathymidae):					
<i>Agave americana</i> (century plant)	Mexico	1			Tex.
<i>Aethus indicus</i> (Westw.) (Pentatomidae):					
Airplane	Japan		1		Hawaii.
<i>Aganactesis indecora</i> Dyar (Galleriidae):					
<i>Cassia fistula</i> (goldenshower senna) pod	Jamaica	1			Fla.
<i>Cassia</i> sp.	Dominican Republic	1			N.Y.
<i>Agroiconota propinqua</i> (Boh.) (Chrysomelidae):					
Bromeliad	Mexico			1	Ariz.
<i>Aleurocanthus spiniferus</i> (Q.) (Aleyrodidae):					
<i>Citrus aurantium</i> (sour orange) leaf	Japan		1		Calif.*
<i>Aleurocanthus woglumi</i> Ashby (Aleyrodidae):					
<i>Citrus aurantifolia</i> (lime) leaf	Mexico	1			Tex.
<i>C. sinensis</i> (sweet orange) leaf	Jamaica		1		Fla.
<i>Citrus</i> sp. (leaf)	Mexico, Nicaragua	6			Calif.,* Tex.
<i>Aleuroglandulus emmae</i> Rsl. (Aleyrodidae):					
<i>Psidium guajana</i> (guava) leaf	Mexico			1	Calif.
<i>Aleurolobus marlatti</i> (Q.) (Aleyrodidae):					
<i>Citrus sinensis</i> (sweet orange)	Japan		1		Calif.*
<i>Aleurotrachelus camelliae</i> (Kuw.) (Aleyrodidae):					
<i>Camellia japonica</i> (common camellia) leaf	do			1	D.C.
<i>Aleurotuberculatus aucubae</i> (Kuw.) (Aleyrodidae):					
<i>Citrus aurantium</i> (sour orange)	do		1		Calif.*
<i>C. reticulata</i> (Mandarin orange)	do		1		Calif.*
<i>C. sinensis</i> (sweet orange)	do		3		Calif.,* Hawaii.
<i>Osmanthus fragrans</i> (sweet osmanthus)	do			1	Calif.*
<i>Alloxaxis spinosus</i> Arnett (Oedemeridae):					
Airplane	Antigua		1		Am. V.I.
<i>Alpheias conspirata</i> Hein. (Galleriidae):					
<i>Ananas comosus</i> (pineapple)	Mexico	3			Tex.
<i>Amitermes foreli</i> Wasmann (Termitidae):					
<i>Dalbergia</i> sp. (rosewood) log	Brazil	1			La.
<i>Amitermes wheeleri</i> (Desn.) (Termitidae):					
Cactus	Mexico			1	Tex.

Pests Collected and Reported From July 1, 1960, Through June 30, 1961—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Anastrepha ludens</i> (Loew) (Tephritidae):					
<i>Annona cherimola</i> (cherimoya).....	do	1	---	---	Tex.
<i>Citrus aurantifolia</i> (sweet lime).....	do	6	---	---	Ariz., Tex.
<i>C. aurantium</i> (sour orange).....	do	1	---	---	Tex.
<i>C. paradisi</i> (grapefruit).....	do	8	1	---	Tex.
<i>C. sinensis</i> (sweet orange).....	Guatemala, Mexico	47	18	---	Ala., Ariz., Calif., Calif., Fla., Ga., Ill., La., Tex.
<i>Cydonia oblonga</i> (quince).....	Mexico	2	---	---	Tex.
<i>Mangifera indica</i> (mango).....	Guatemala, Mexico	66	---	---	Ariz., Calif., Calif., *Ill., N.Y., Tex.
<i>Punica granatum</i> (pomegranate).....	Mexico	1	---	---	Ariz.
<i>Anastrepha mombinpraeoptans</i> Sein (Tephritidae):					
<i>Calocarpum sapota</i> (sapote).....	do	1	---	---	Tex.
<i>Mangifera indica</i> (mango).....	Costa Rica, Cuba, Dominican Republic, El Salvador, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico, Trinidad, West Indies (island(?))	103	21	---	Ala., Calif., Calif., *Fla., Ga., Ill., La., Md., N.Y., Pa., P.R., Tex.
<i>Spondias mombin</i> (yellow mombin).....	El Salvador, Guatemala, Honduras, Nicaragua, Puerto Rico	14	---	---	Calif., * Fla., P.R.
<i>S. purpurea</i> (purple mombin).....	Colombia	1	---	---	Fla.
<i>Spondias</i> sp.....	Costa Rica	1	---	---	Fla.
<i>Terminalia catappa</i> (tropical almond).....	American Virgin Islands	1	---	---	Fla.
<i>Anastrepha serpentina</i> (Wied.) (Tephritidae):					
<i>Calocarpum sapota</i> (sapote).....	Mexico, Nicaragua	2	---	---	Calif. *
<i>Chrysophyllum cainito</i> (star-apple).....	Nicaragua	1	---	---	Calif. *
<i>Sideroxylon tempisque</i> (Tempisque jungleplum)	Mexico	---	---	1	Tex.
<i>Anastrepha suspensa</i> (Loew) (Tephritidae):					
Airplane.....	Puerto Rico(?)	---	1	---	Fla.
<i>Psidium guajava</i> (guava).....	Puerto Rico	1	---	---	P.R.
<i>Ancognatha scarabaeoides</i> Er. (Scarabaeidae):					
Airplane.....	Unknown	---	1	---	Fla.
<i>Ancylostomia stercorea</i> (Zell.) (Phycitidae):					
<i>Cajanus cajan</i> (pigeonpea).....	Bahamas, British West Indies, Colombia, Dominican Republic, Haiti, Panama, St. Kitts	19	---	---	Am. V.I., Bahamas, Fla., N.Y., P.R., Tex.
<i>Phaseolus vulgaris</i> (bean).....	Jamaica, Panama	3	---	---	Fla.
<i>Pisum sativum</i> (pea).....	Panama, Puerto Rico	2	---	---	Calif., * Ill.
<i>Andrector salvini</i> (Baly) (Chrysomelidae):					
Orchid.....	Canal Zone	---	---	1	Calif. *
<i>Anoplotermes ater</i> (Hagen) (Termitidae):					
Wood (crate for monkey).....	Colombia	1	---	---	Fla.
<i>Antonina graminis</i> (Mask.) (Coccidae):					
<i>Digitaria decumbens</i> (pangolagrass).....	Hawaii	1	---	---	Hawaii.
<i>Anuraphis apiifoliae</i> (Theob.) (?) (Aphidae):					
<i>Foeniculum vulgare</i> (common fennel).....	Italy	---	1	---	Pa.
<i>Petroselinum crispum</i> (parsley).....	Bermuda	1	---	---	N.Y.
<i>Anuraphis cardui</i> (L.) (Aphidae):					
<i>Cynara scolymus</i> (artichoke).....	Italy	2	1	---	N.Y., Tex.
Flowers.....	Sweden	---	1	---	Mass.
<i>Aonidiella citrina</i> Coq. (Coccidae):					
<i>Citrus limon</i> (lemon).....	Israel	---	1	---	Mich.
<i>C. paradisi</i> (grapefruit).....	Japan	---	1	---	Hawaii.
<i>C. sinensis</i> (sweet orange).....	Australia	---	1	---	Hawaii.
<i>C. sinensis</i> x <i>Poncirus trifoliata</i> (citrange).....	Argentina	---	---	1	D.C.
<i>Citrus</i> sp.....	Japan, Lebanon	---	1	1	N.J., Hawaii
<i>Aonidiella comperei</i> McKenzie (Coccidae):					
<i>Jasminum</i> sp. (jasmine).....	Cuba	1	---	1	Fla.

Pests Collected and Reported From July 1, 1960, Through June 30, 1961—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Aonidiella inornata</i> McKenzie (Coccidae):	Philippines	1			Hawaii.
<i>Mangifera indica</i> (mango)					
<i>Aphis callunae</i> Theob. (Aphidae):	Germany, Norway,	3		1	N.Y.
<i>Calluna vulgaris</i> (heather)	Scotland.				
<i>Apion carduorum</i> Kirby (Curculionidae):					
<i>Cynara scolymus</i> (artichoke)	Italy	1			N.Y.
<i>Ardis sulcata</i> (Cam.) (Tenthredinidae):					
<i>Rosa</i> hybrid	do.			1	N.Y.
<i>Arge ochropa</i> (Gmel.) (Argidae):					
<i>Dianthus caryophyllus</i> (carnation)	Germany	1			N.Y.
<i>Argyresthia conjugella</i> (Zell.) (Hyponomeutidae):					
<i>Malus sylvestris</i> (apple)	Norway, Poland	1	1		Ill., N.Y.
<i>Arphnus melanotylus</i> Ashlock (Lygaeidae):					
<i>Bromeliad</i>	Mexico			2	Tex.
<i>Ascia monuste</i> (L.) (Pieridae):					
Baggage (with dog crate)	Cuba	1			Fla.
<i>Aspidiotus d. generatus</i> (Leon) (Coccidae):					
<i>Camellia</i> sp. (leaf)	Japan			2	D.C., Hawaii.
<i>Vaccinium bracteatum</i> (oriental blueberry)	do.			1	D.C.
<i>Aspidiotus destructor</i> Sign. (Coccidae):					
<i>Annona squamosa</i> (sugar-apple)	Cuba	1			Fla.
<i>Citrus sinensis</i> (sweet orange)	do.	1			Fla.
<i>Cocos nucifera</i> (coconut)	Bahamas, Costa Rica, Honduras, Mexico, Panama, Philippines.	6	5	1	Calif.,* Fla., Tex.
<i>Kentia</i> sp. (palm)	Philippines		1		Calif.*
<i>Nerium oleander</i> (oleander)	Bahamas		1		Fla.
Palm (seed coat)	Cuba			1	Fla.
<i>Pandanus amaryllifolius</i> (screwpine)	Indonesia			1	D.C.
<i>Rosa</i> hybrid (rose) leaf	Tortola			1	Am. V.I.
<i>Aspidiotus excisus</i> Green (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Philippines		1		Calif.*
<i>Aspidiotus herculeanus</i> Ckll. & Hadden (Coccidae):					
<i>Macadamia</i> sp. (bark)	Australia			1	Calif.*
<i>Aspidiotus mendax</i> (McKenzie) (Coccidae):					
Orchid (leaf)	Guatemala			1	Fla.
<i>Aspidiotus palmarum</i> Ckll. (Coccidae):					
<i>Citrus sinensis</i> (sweet orange)	Costa Rica		1		Calif.*
<i>Cocos nucifera</i> (coconut) cap and stem	Costa Rica, Mexico	1	1		Calif.*
<i>Kentia</i> sp. (palm) leaf	Philippines		1		Calif.*
Orchid (leaf)	Guatemala			1	Fla.
<i>Aspidiotus pangoensis</i> Doane & Ferris (Coccidae):					
<i>Cocos nucifera</i> (coconut)	American Samoa	1			Hawaii.
<i>Aspidiotus pyri</i> Licht. (Coccidae):					
<i>Platanus orientalis</i> (oriental planetree)	Greece			1	D.C.
<i>Aspidiotus zonatus</i> Frfld. (Coccidae):					
<i>Quercus pontica</i> (Pontic oak)	Netherlands			1	D.C.
<i>Asterobemisia carpini</i> (Koch) (Aleyrodidae):					
<i>Rubus</i> sp. (leaf)	France		4		Mass., Wash.
<i>Asterolecanium bambusae</i> (Bdv.) (Coccidae):					
<i>Bambusa multiplex</i>	Puerto Rico			2	D.C.
<i>Asterolecanium epidendri</i> (Bouché) (Coccidae):					
<i>Bifrenaria aureofulva</i> (hardy terrestrial orchid) leaf	Brazil			1	Fla.
<i>Broughtonia</i> sp. (orchid) leaf	Jamaica			1	Fla.
<i>Catasetum barbatum</i> (orchid) leaf	Brazil			1	N.J.
<i>Cattleya</i> sp. (orchid) leaf	do.			1	Fla.
<i>Epidendrum ciliare</i> (orchid) leaf	Costa Rica			1	Calif.*
<i>Epidendrum</i> sp. (leaf)	Cuba			1	Fla.
Orchid (leaf)	Brazil, Germany, Jamaica.			5	Fla., N.Y.
<i>Peristeria pendula</i> (orchid) leaf	British Guiana			1	N.Y.
<i>Asterolecanium inlabefactum</i> Rsl. (Coccidae):					
<i>Chamaedorea oblongata</i> (palm) leaf	Mexico	1			Tex.
<i>Asterolecanium miliaris robustum</i> Green (Coccidae):					
Bamboo (leaf)	do.	1			Ariz.
<i>Asterolecanium simile</i> Rsl. (Coccidae):					
Palm	Jamaica	1			Fla.

Pests Collected and Reported From July 1, 1960, Through June 30, 1961—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Athalia colibri</i> (Christ) (Tenthredinidae): <i>Lactuca sativa</i> (lettuce).....	France.....	-----	1	-----	N.Y.
<i>Augocoris illustris</i> (F.) (Pentatomidae): Quarters.....	Cuba.....	-----	1	-----	Fla.
<i>Aulacaspis crawii</i> (Ckll.) (Coccidae): <i>Murraya paniculata</i> (orange-jasmine).....	Hawaii.....	1	-----	-----	Hawaii.
<i>Aulacaspis tubercularis</i> Newst. (Coccidae): <i>Mangifera indica</i> (mango).....	El Salvador, Honduras, Philippines, Venezuela.	7	1	1	Calif.,* Fla., Hawaii, P.R.
<i>Aulacoscelis melanocera</i> Dup. & Chevr. (Chrysomelidae): Cactus.....	Mexico.....	-----	-----	1	Tex.
<i>Automolis atenia</i> Schaus (Arctiidae): <i>Musa paradisiaca</i> (plantain).....	Guatemala.....	1	-----	-----	La.
<i>Auzimobasis coffeella</i> Busek (Blastobasidae): <i>Coffea arabica</i> (Arabian coffee) berry.....	Costa Rica.....	1	-----	-----	Fla.
<i>Azochis gripusalis</i> Wlk. (Pyraustidae): <i>Ficus carica</i> (fig) stem.....	Brazil.....	-----	-----	1	P.R.
<i>Batrachedra linaria</i> Clarke (Cosmopterygidae): <i>Agave</i> sp.....	Mexico.....	-----	-----	2	Calif.
<i>Bemisia citricola</i> Gomez-Menor (Aleyrodidae): <i>Citrus sinensis</i> (sweet orange) leaf.....	France.....	1	-----	-----	Ohio.
<i>Bemisia tabaci</i> (Genn.) (Aleyrodidae): <i>Cananga odorata</i> (ylangylang).....	Singapore.....	-----	-----	1	Hawaii.
<i>Bephrata maculicollis</i> Cam. (Eurytomidae): <i>Annona muricata</i> (sourpomp) seed.....	Colombia.....	1	-----	-----	Fla.
<i>Blastobasis inana</i> (Btlr.) (Blastobasidae): <i>Cocos nucifera</i> (coconut).....	Hawaii.....	1	-----	-----	Hawaii.
<i>Blissus diplopterus</i> Dist. (Lygaeidae): <i>Hakea</i> sp. (seed).....	Republic of South Africa.	-----	-----	1	D.C.
<i>Bostrychophytes cornutus</i> (Ol.) (Bostrichidae): Wood (carving).....	do.....	1	-----	-----	Tex.
<i>Brachycerus algius</i> (F.) (Curculionidae): <i>Allium sativum</i> (garlic).....	Spain.....	1	-----	-----	P.R.
<i>Bradybaena similis</i> (Fer.) (Bradybaenidae): <i>Alpinia purpurata</i>	Hawaii.....	-----	-----	1	Hawaii.
<i>Anthurium</i> sp.....	do.....	1	-----	-----	Hawaii.
<i>Cordyline terminalis</i> (ti).....	do.....	-----	-----	1	Calif.*
Flowers.....	do.....	1	-----	-----	Hawaii.
<i>Heliconia</i> sp.....	do.....	1	-----	-----	Hawaii.
<i>Ipomoea batatas</i> (sweetpotato).....	do.....	1	-----	-----	Hawaii.
Orchid.....	do.....	1	-----	-----	Hawaii.
Soil with <i>Asparagus</i> sp.....	Bermuda.....	-----	-----	1	Mass.
<i>Vanda</i> 'Miss Joaquim' (orchid).....	Hawaii.....	3	-----	-----	Hawaii.
<i>Vanda</i> sp.....	do.....	2	-----	-----	Hawaii.
<i>Bradysia carbonaria</i> (Meig.) (Sciaridae): Automobile.....	Ireland.....	1	-----	-----	Pa.
<i>Brevipalpus chilensis</i> Baker (Tenuipalpidae): <i>Citrus limon</i> (lemon).....	Chile.....	-----	2	-----	Fla.
<i>Phragmites</i> sp. (reed) straw jacket.....	do.....	1	-----	-----	Fla.
<i>Vitis</i> sp. (grape).....	do.....	2	-----	-----	Fla., N.Y.
<i>Brevipalpus obovatus</i> Donn. (Tenuipalpidae): <i>Citrus limon</i> (lemon).....	Italy(?), Spain.....	2	-----	-----	N.Y.
<i>C. reticulata</i> (Mandarin orange).....	Argentina.....	1	-----	-----	N.Y.
<i>Fuchsia</i> sp.....	New Zealand.....	-----	-----	1	Hawaii.
<i>Lippia</i> sp.....	Argentina.....	-----	-----	1	Fla.
<i>Mentha</i> sp. (mint).....	Mexico.....	1	-----	-----	Tex.
<i>Rhododendron</i> sp. (azalea).....	Japan.....	-----	-----	1	Hawaii.
<i>Ruta graveolens</i> (common rue).....	Mexico.....	-----	-----	1	Calif.
<i>Brevipalpus phoenixis</i> (Geijskes) (Tenuipalpidae): <i>Annona muricata</i> (sourpomp).....	Haiti.....	1	-----	-----	Fla.
<i>Citrus paradisi</i> (grapefruit).....	Colombia.....	1	-----	-----	Fla.
<i>C. reticulata</i> (Mandarin orange).....	Argentina, Brazil.....	2	-----	-----	Fla., N.Y.
<i>C. sinensis</i> (sweet orange).....	Argentina, Brazil, Colombia.	5	2	-----	Fla., N.Y.
<i>Coffea</i> sp. (coffee) leaf.....	Brazil.....	1	-----	-----	Tex.
<i>Izora</i> sp. (flower).....	Tahiti.....	1	-----	-----	Hawaii.
<i>Tecomaria capensis</i> (Cape honeysuckle).....	Hawaii.....	1	-----	-----	Hawaii.
Wood (twig—unidentified).....	Spain.....	-----	1	-----	Fla.
<i>Bruchus affinis</i> Froel. (Bruchidae): <i>Lathyrus odoratus</i> (sweetpea) seed.....	Netherlands.....	-----	-----	1	N.J.

Pests Collected and Reported From July 1, 1960, Through June 30, 1961—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Bruchus emarginatus</i> Allard (Bruchidae):					
<i>Lathyrus latifolius</i> (perennial pea) seed	France			1	Calif.*
<i>Bruchus ervi</i> Froel. (Bruchidae):					
<i>Lens culinaris</i> (lentil)	Greece, Iran, Italy, Lebanon.	12		1	D.C., Mass., N.Y.
<i>Pisum sativum</i> (pea)	Italy	1			N.Y.
<i>Bruchus guttalis</i> Rey (Bruchidae):					
Straw (jacket)	Haiti	1			Fla.
<i>Vicia sativa</i> (vetch) seed and straw jacket	Portugal	5			N.J., S.C.
<i>Bruchus lentis</i> Froel. (Bruchidae):					
<i>Lens culinaris</i> (lentil)	Germany, Greece, Italy, Spain.	6	9		Mass., Mich. N.Y., Pa., S.C., Tex.
<i>Bruchus signaticornis</i> Gyll. (Bruchidae):					
<i>Lens culinaris</i> (lentil)	France, Italy, Spain	14	1		Mass., N.Y.
<i>Bruchus tristiculus</i> Fahr. (Bruchidae):					
<i>Cicer arietinum</i> (chickpea)	Azores	1			Mass.
<i>Lathyrus</i> sp. (seed)	Belgium			1	Mich.
<i>Bruchus tristis</i> Boh. (Bruchidae):					
<i>Lathyrus sativus</i> (grass pea)	Italy	6			N.J., N.Y.
<i>Lupinus albus</i> (white lupine) seed	do	1			N.Y.
<i>Pisum sativum</i> (pea)	Greece		1		La.
<i>Vicia faba</i> (broadbean)	Italy	1			N.Y.
<i>Bryobia eharri</i> Pritchard & Keifer (Tetranychidae):					
<i>Chrysanthemum morifolium</i>	Japan	2			Hawaii.
<i>Cacaecimorpha pronubana</i> (Hbn.) (Tortricidae):					
<i>Punica granatum</i> (pomegranate)	Italy	2			N.Y.
<i>Sechium edule</i> (chayote)	do	1			N.Y.
<i>Calameuta idolon</i> (Rossi) (Cephalidae):					
<i>Oryza sativa</i> (rice) straw packing	Greece	1			N.Y.
<i>Callidium rufipenne</i> Motsch. (Cerambycidae):					
Baggage	Japan	1			Hawaii.
<i>Cryptomeria</i> sp. (crate)	do	1			Hawaii.
<i>Cupressus</i> sp. (cypress)	do		1		Fla.
Packing (cellulose paper)	do	1			N.Y.
<i>Paonia suffruticosa</i> (tree peony)	do			2	N.J.
<i>Pinus</i> sp. (pine)	do		1		La.
<i>Callidium violaceum</i> (L.) (Cerambycidae):					
Wood (crate)	Spain	1			Va.
<i>Callipogon armillatum</i> (L.) (Cerambycidae):					
Airplane	Unknown		1		Fla.
<i>Callosobruchus ademptus</i> (Sharp) (Bruchidae):					
<i>Pueraria lobata</i> (seed)	Korea			1	N.J.
<i>Callosobruchus analis</i> (F.) (Bruchidae):					
<i>Cajanus cajan</i> (pigeonpea)	India		1		Tex.
Stores (flour and sugar)	do		1		La.
<i>Vicia faba</i> (broadbean)	Burma	1			Hawaii.
<i>Callosobruchus rhodesianus</i> (Pic) (Bruchidae):					
<i>Lens culinaris</i> (lentil)	Unknown		1		N.Y.
<i>Phaseolus vulgaris</i> (bean)	do		1		N.Y.
<i>Vigna sinensis</i> (common cowpea)	Republic of the Congo			1	D.C.
<i>Calyptoccephala marginipennis</i> Boh. (Chrysomelidae):					
<i>Chamaedorea oblongata</i> (palm) leaf	Mexico	1			Tex.
<i>Camirus moestus</i> (Stal) (Pentatomidae):					
Cactus	do			1	Tex.
<i>Carpocapsa niponensis</i> Wlsm. (Carpocapsidae):					
<i>Malus sylvestris</i> (apple)	Japan		1		N.C.
<i>Caryedon gonagra</i> (F.) (Bruchidae):					
<i>Arachis hypogaea</i> (peanut)	Nigeria		1		Ohio.
<i>Cassia fistula</i> (goldenshower senna) pod	Hawaii	4		1	Hawaii.
<i>C. nodosa</i> (jointwood senna)	do			1	Hawaii.
<i>C. tora</i> (sickle senna)	Kenya	1			N.J.
<i>Cassia</i> sp. (pod)	Hawaii			1	Hawaii.
<i>Dialium guineense</i> (velvet-tamarind) pod	Cape Verde Islands	2			N.Y.
Seed—unidentified	Hawaii	2			Hawaii.
<i>Tamarindus indica</i> (tamarind) pod	Cape Verde Islands, Curacao, Japan(?), Mexico, Philippines, Portugal.	5		1	Hawaii, N.Y., Tex., Wash.

Pests Collected and Reported From July 1, 1960, Through June 30, 1961—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Cassida circumdata</i> Hbst. (Chrysomelidae):					
Airplane.....	South Pacific.....	-----	1	-----	Hawaii.
<i>Ceciloides acicula</i> (Müller) (Achatinidae):					
<i>Fragaria</i> sp. (strawberry) plant.....	Switzerland.....	-----		1	Calif.*
Orchid (plant).....	Canal Zone.....	-----		1	Fla.
Soil.....	Czechoslovakia, Mexico.....	1	1	-----	Mich., Tex.
<i>Centrotus cornutus</i> (L.) (Membracidae):					
<i>Rosa</i> hybrid (rose) leaf.....	France.....	1	-----		N.Y.
<i>Cepaea hortensis</i> (Müller) (?) (Helicidae):					
<i>Tropaeolum</i> sp. (nasturtium) seed.....	Netherlands.....	-----		1	Pa.
<i>Cephaloleia pretiosa</i> Baly (Chrysomelidae):					
<i>Dracaena</i> sp. (leaf).....	Panama.....	1	-----		Fla.
<i>Ceramidia viridis</i> (Druce) (Amatidae):					
<i>Musa paradisiaca</i> var. <i>sapientum</i> (banana).....	Ecuador.....	4	-----		Fla., La., N.Y.
<i>Ceratitis capitata</i> (Wied.) (Tephritidae):					
Airplane.....	Hawaii.....	-----	1	-----	Hawaii.
<i>Asimina</i> sp. (pawpaw).....	Portugal.....	1	-----		N.Y.
<i>Citrus limon</i> (lemon).....	Lebanon.....	1	-----		N.Y.
<i>C. paradisi</i> (grapefruit).....	Turkey, United Arab Republic.....	1	1	-----	Ga., N.Y.
<i>C. reticulata</i> (Mandarin orange).....	Greece, Italy, Portugal, Spain, unknown.....	19	-----	12	Calif.,* Md., Mass., N.Y., Pa.
<i>C. sinensis</i> (sweet orange).....	Argentina, Brazil, Greece, Italy, Portugal, Spain, unknown.....	12	-----	12	Ala., Calif.,* Fla., La., Md., N.Y., Md., N.Y., P.R., S.C., Tex.
<i>Coffea arabica</i> (Arabian coffee).....	Costa Rica, Hawaii.....	63	-----		Calif.,* Fla., Hawaii.
<i>Coffea</i> sp.....	Brazil, Costa Rica, Hawaii.....	11	-----		Calif.,* Fla., Hawaii, N.Y., P.R., Tex.
<i>Cydonia oblonga</i> (quince).....	Greece, Israel.....	2	-----	1	N.Y.
<i>Eriobotrya japonica</i> (loquat).....	Azores, Iran, Italy.....	3	-----		Mass., N.Y.
<i>Ficus carica</i> (fig).....	Azores, Cyprus, Greece, Italy.....	7	1	-----	N.Y., Pa.
<i>Malus sylvestris</i> (apple).....	Italy, unknown.....	1	1	-----	N.Y., P.R.
<i>Mangifera indica</i> (mango).....	Hawaii.....	1	-----		Hawaii.
<i>Opuntia humifusa</i> (common pricklypear).....	Italy.....	10	-----		N.Y., Pa.
<i>Opuntia</i> sp.....	Greece, Italy.....	10	-----		N.Y.
<i>Prunus armeniaca</i> (apricot).....	Portugal, Republic of South Africa.....	1	1	-----	N.Y.
<i>P. persica</i> (peach).....	Italy, Peru, Portugal, Spain, unknown.....	4	5	-----	Fla., Mass., N.Y., P.R.
<i>Prunus</i> sp. (cherry).....	Lebanon.....	1	-----		N.Y.
<i>Psidium guajava</i> (guava).....	Azores, Hawaii.....	2	-----		Mass., Hawaii.
<i>Punica granatum</i> (pomegranate).....	Greece.....	1	-----		Ohio.
<i>Pyrus communis</i> (pear).....	Israel, Italy.....	3	-----		Calif.,* N.Y.
<i>Solanum aculeatissimum</i> (soda-apple night- shade).....	Hawaii.....	1	-----		Hawaii.
<i>Terminalia catappa</i> (tropical almond).....	do.....	2	-----		Hawaii.
<i>Vitis</i> sp. (grape).....	Spain.....	-----	1	-----	P.R.
<i>Zizyphus</i> sp. (jujube).....	Italy.....	1	-----		N.Y.
<i>Ceratitis capitata</i> (Wied.) (?) (Tephritidae):					
<i>Capsicum annuum</i> (pepper).....	Hawaii.....	2	-----		Hawaii.
<i>Citrus sinensis</i> (sweet orange).....	Italy, Spain.....	-----	2	-----	Mass., P.R.
<i>Coffea arabica</i> (Arabian coffee).....	Hawaii.....	8	-----		Hawaii.
<i>Coffea</i> sp.....	do.....	3	-----		Hawaii.
<i>Ficus</i> sp. (fig).....	Italy.....	1	-----		Mich.
<i>Musa</i> sp.....	Hawaii.....	1	-----		Hawaii.
<i>Punica granatum</i> (pomegranate).....	Greece.....	1	-----		N.Y.
<i>Terminalia catappa</i> (tropical almond).....	Hawaii.....	2	-----		Hawaii.
<i>Ceratitis colae</i> Silv. (?) (Tephritidae):					
<i>Cola acuminata</i> (Sudan colanut).....	Nigeria.....	1	-----		N.Y.
<i>Cercionota anonella</i> (Sepp) (Stenomidae):					
<i>Annona muricata</i> (soursop).....	Colombia, Jamaica, Venezuela.....	3	1	-----	Fla., Md.
<i>Annona</i> sp.....	Brazil (?).....	-----	1	-----	N.Y.

Pests Collected and Reported From July 1, 1960, Through June 30, 1961—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Ceresium unicolor</i> (F.) (Cerambycidae):					
<i>Gossypium</i> sp. (seed cotton).....	Hawaii.....	1			Hawaii.
<i>Ceronema japonica</i> Mask. (Coccidae):					
<i>Camellia japonica</i> (common camellia).....	Japan.....			1	D.C.
<i>Ceroplastes rubens</i> Mask. (Coccidae):					
<i>Alyzia olivaeformis</i> (maile alyxia).....	Hawaii.....	2			Calif.,* Hawaii.
<i>Anthurium</i> sp.....	do.....			1	Hawaii.
<i>Ceroplastes rusci</i> (L.) (Coccidae):					
<i>Ficus carica</i> (fig).....	Italy.....	1		2	Calif.,* N.Y.
<i>Ceutorhynchus erysimi</i> (F.) (Curculionidae):					
Plant—unidentified.....	Netherlands.....			1	N.J.
<i>Charidotis seminulum</i> (Boh.) (Chrysomelidae):					
<i>Chamaedorea oblongata</i> (palm) leaf.....	Mexico.....	1			Tex.
<i>Chilo loftini</i> Dyar (Crambidae):					
<i>Saccharum officinarum</i> (sugarcane).....	do.....	76			Ariz., Calif.
<i>Chilo suppressalis</i> (Wlk.) (Crambidae):					
<i>Oryza sativa</i> (rice) straw.....	Formosa, Japan, Spain, unknown.	10	6		Calif.,* Fla., Hawaii, N.Y., Tex.
" <i>Chionaspis</i> " <i>leucadendri</i> Brain (Coccidae):					
<i>Protea</i> sp. (leaf).....	Republic of South Africa.	1			Mass.
<i>Chionaspis wistariae</i> Cooley (Coccidae):					
<i>Wisteria</i> sp.....	Japan.....			1	Wash.
<i>Chirothrips meridionalis</i> Bgn. (Thripidae):					
<i>Zinnia</i> sp. (cut flower).....	Israel.....	1			N.Y.
<i>Chrysogramma octomaculata</i> Jac. (Chrysomelidae):					
Orchid (plant).....	Guatemala.....			1	Fla.
<i>Chrysomphalus agavis</i> (Townsend & Ckll.) (Coccidae):					
<i>Agave</i> sp.....	Mexico.....			2	Tex.
<i>Chrysomphalus albopictus</i> (Ckll.) (Coccidae):					
<i>Cocos nucifera</i> (coconut) stem and cap.....	Costa Rica.....		1		Calif.*
<i>Persea americana</i> (avocado) leaf.....	Mexico.....	1			Tex.
<i>Chrysomphalus calurus</i> (Ckll.) (Coccidae):					
<i>Spondias mombin</i> (yellow mombin).....	Nicaragua.....	1			Calif.*
<i>Chrysomphalus inopinatus</i> (Leon) (Coccidae):					
<i>Acer syriacum</i> (Syrian maple) seed.....	Israel.....			1	D.C.
<i>Pistacia</i> sp. (pistache).....	Greece, Lebanon.....	2			Mass.
<i>Chrysomphalus odontoglossi</i> (Ckll.) (Coccidae):					
<i>Calocarpum sapota</i> (sapote).....	Panama.....		1		Calif.*
<i>Chrysomphalus opimus</i> Silv. (tentative) (Coccidae):					
Orchid (leaf).....	Kenya.....			1	N.Y.
<i>Chrysomphalus personatus</i> (Comst.) (Coccidae):					
<i>Brosimum</i> sp. (breadnut tree).....	Mexico.....	1			Ariz.
<i>Calocarpum sapota</i> (sapote) leaf.....	do.....	1			Tex.
<i>Citrus aurantifolia</i> (lime).....	do.....		1		Calif.*
<i>C. sinensis</i> (sweet orange).....	Brazil, unknown.....		11		Calif.,* Fla., N.Y., Calif.,* Tex.
<i>Mangifera indica</i> (mango).....	El Salvador, Mexico, Nicaragua.	5			Tex.
<i>Persea americana</i> (avocado).....	Mexico.....	2			N.J.
<i>Vriesia</i> sp.....	France.....			1	Calif.*
<i>Chrysomphalus sphaeroides</i> (Ckll.) (Coccidae):					
Palm (leaf).....	Mexico.....	1			Tex.
<i>Chrysomphalus tenax</i> (McKenzie) (Coccidae):					
<i>Philodendron</i> sp.....	do.....			1	Fla.
<i>Chrysomphalus umboniferus</i> (Newst.) (Coccidae):					
<i>Anthurium</i> sp. (leaf).....	Colombia.....			1	Fla.
<i>Bromellad</i> (leaf).....	Brazil, Guatemala.....			2	Fla.
<i>Epidendrum</i> sp. (orchid) leaf.....	El Salvador.....			1	Fla.
Orchid (leaf).....	British Honduras, Canal Zone, El Salvador, Guatemala, Panama.			7	Calif.,* Fla.
<i>Schomburgkia</i> sp. (orchid) leaf.....	Mexico.....			1	Tex.
<i>Cladius pectinicornis</i> (Fourc.) (Tenthredinidae):					
<i>Rosa</i> hybrid (rose) cut flower.....	England, France, Germany.	5			Ill., N.Y.

Pests Collected and Reported From July 1, 1960, Through June 30, 1961—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Clanis phalaris</i> (Cramer) (Sphingidae): Airplane.....	Japan.....	-----	1	-----	Hawaii.
<i>Clerada apicicornis</i> Sign. (Lygaeidae): Bromeliad (plant).....	Peru.....	-----	-----	1	Fla.
<i>Cocconotus degeeri</i> (Stal) (Tettigonidae): Orchid (plant).....	Canal Zone.....	-----	-----	1	Fla.
<i>Coccotrypes carpophagus</i> (Horng.) (Scolytidae): Palm (seed).....	Brazil.....	1	-----	-----	La.
<i>Coccus alpinus</i> DeLotto (Coccidae): <i>Coffea</i> sp. (coffee).....	do.....	1	-----	-----	Fla.
<i>Coccus viridis</i> (Green) (Coccidae): <i>Citrus</i> sp. (twig).....	Madeira Islands.....	-----	-----	1	Fla.
<i>Coffea arabica</i> (Arabian coffee).....	Hawaii.....	3	-----	-----	Hawaii.
<i>Coffea</i> sp.....	Brazil, Cuba, Hawaii.....	2	-----	1	Calif.,* Hawaii, N.Y.
<i>Gardenia jasminoides</i>	Cuba, Hawaii.....	21	-----	-----	Calif.,* Fla., Hawaii.
<i>G. taitensis</i>	Hawaii.....	2	-----	-----	Calif.,*
<i>Gardenia</i> sp.....	Cuba, Hawaii.....	1	1	2	Calif.,* Fla.
<i>Irora</i> sp.....	Hawaii.....	1	-----	-----	Hawaii.
<i>Jasminum</i> sp. (jasmine).....	Barbados.....	-----	-----	1	N.Y.
<i>Litchi chinensis</i> (lychee).....	Hawaii.....	1	-----	-----	Hawaii.
<i>Pelargonium zonale</i> (horseshoe geranium).....	St. Kitts.....	-----	-----	1	Am.V.I.
<i>Psidium guajava</i> (guava) leaf.....	Cuba.....	1	-----	-----	Fla.
<i>Schinus terebinthifolia</i> (Brazil peppertree).....	Hawaii.....	1	-----	-----	Hawaii.
<i>Cochlicella barbara</i> (L.) (Helicellidae): Military cargo.....	France, Morocco, Spain, Turkey.....	25	-----	-----	La., N.Y., N.C., S.C. Va.
Soil.....	Italy.....	1	-----	-----	N.Y.
<i>Cochlicella conoidea</i> (Drap.) (Helicellidae): Military cargo.....	Spain.....	2	-----	-----	N.Y., Va.
<i>Cochlicella ventrosa</i> (Fer.) (Helicellidae): Military cargo.....	Azores, Bermuda, Italy, Morocco, unknown.....	10	-----	-----	La., N.Y., S.C., Va.
<i>Conchaspis orchidarum</i> Mamet (Coccidae): <i>Epidendrum</i> sp. (orchid).....	Canal Zone.....	-----	-----	1	Fla.
<i>Conoderus rufangulus</i> (Gyll.) (Elateridae): <i>Vitis</i> sp. (grape).....	Chile.....	6	-----	-----	N.Y.
<i>Conotelus mexicanus</i> Murr. (Nitidulidae): <i>Chrysanthemum</i> sp.....	Mexico.....	5	-----	-----	Tex.
<i>Lactuca sativa</i> (lettuce).....	do.....	1	-----	-----	Tex.
<i>Medicago sativa</i> (alfalfa).....	do.....	1	-----	-----	Tex.
<i>Nerium oleander</i> (oleander).....	Bermuda.....	-----	-----	1	Va.
<i>Portulaca oleracea</i> (purslane).....	Mexico.....	2	-----	-----	Tex.
<i>Plumeria rubra</i> (Mexican frangipani).....	Hawaii.....	3	-----	-----	Hawaii.
<i>Vanda</i> 'Miss Joaquim' (orchid).....	do.....	3	-----	-----	Hawaii.
<i>Coptotermes crassus</i> Snyder (Rhinotermitidae): <i>Pinus</i> sp. (pine) stump.....	Honduras.....	1	-----	-----	La.
<i>Coptotermes niger</i> Snyder (Rhinotermitidae): <i>Dalbergia</i> sp. (rosewood) log.....	Brazil.....	1	-----	-----	La.
<i>Virola</i> sp. (log).....	Costa Rica.....	1	-----	-----	La.
<i>Coptotermes testaceus</i> (L.) (Rhinotermitidae): <i>Dalbergia</i> sp. (rosewood) log.....	Brazil.....	1	-----	-----	La.
<i>Corimelaena palmeri</i> (McA. & Mall.) (Pentatomidae): Orchid (plant).....	Costa Rica.....	-----	-----	1	Tex.
<i>Corythucha mcfreshi</i> Drake (Tingidae): <i>Pelargonium</i> sp. (geranium).....	Mexico.....	-----	-----	1	Tex.
<i>Cosmopolites sordidus</i> (Germ.) (Curculionidae): <i>Musa acuminata</i> (rhizome).....	Philippines.....	-----	-----	1	D.C.
<i>Musa</i> sp. (rhizome).....	Netherlands New Guinea, New Guinea.....	-----	-----	2	D.C.
<i>Cryptolabes gnidiella</i> (Mill.) (Phycitidae): Bamboo.....	Italy.....	-----	-----	1	N.Y.
<i>Celosia</i> sp. (cockscomb) cut flower.....	Greece.....	1	-----	-----	N.Y.
<i>Citrus limon</i> (lemon).....	Spain.....	-----	1	-----	Fla.
<i>C. sinensis</i> (sweet orange).....	Italy, Spain.....	1	2	-----	N.Y., P.R.
<i>Nerium oleander</i> (oleander).....	Bermuda.....	-----	-----	1	Va.
<i>Punica granatum</i> (pomegranate).....	Israel, Italy.....	11	-----	-----	N.Y.

Pests Collected and Reported From July 1, 1960, Through June 30, 1961—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Cryptophlebia illepidia</i> (Btlr.) (Olethreutidae):					
<i>Litchi chinensis</i> (lychee)	Hawaii	2			Hawaii.
<i>Macadamia ternifolia</i> (nut)	do	1			Hawaii.
<i>Cryptophlebia ombrodelta</i> (Lower) (Olethreutidae):					
<i>Litchi chinensis</i> (lychee) nut	do	1			Hawaii.
<i>Pithecellobium dulce</i>	do	1			Hawaii.
<i>Samanea saman</i> (raintree saman)	do	1			Hawaii.
<i>Tamarindus indica</i> (tamarind) pod	Philippines	1			Wash.
<i>Cryptotermes brevis</i> (Wlk.) (Kalotermitidae):					
Flowers	Hawaii	1			Hawaii.
Mail (food parcel)	Japan	1			Hawaii.
<i>Cryptothela minuscula</i> (Btlr.) (Psychidae):					
Military cargo	Vietnam	1			Va.
<i>Cylas formicarius</i> (F.) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)	Hong Kong, Thailand	3			Hawaii
<i>Cylas formicarius elegantulus</i> (Summers) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)	Cuba, Dominican Republic, Hong Kong, Netherlands West Indies, Philippines, Puerto Rico.	6	4		Ala., Am. V.I., Calif.,* Fla., Hawaii, La., Pa., P.R.
<i>Cylas formicarius formicarius</i> (F.) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)	Hong Kong	2			Hawaii.
<i>Cyrtomenus bergi</i> Froeschner (Pentatomidae):					
Bromeliad	Colombia			1	Fla.
<i>Dactyloctenyes ayttenboogaarti</i> Egg. (Scolytidae):					
<i>Chamaerops humilis</i> (Mediterranean palm) seed.	Canary Islands, Spain			2	N.J.
<i>Dacus cucurbitae</i> (Coq.) (Tephritidae):					
<i>Cucumis sativus</i> (cucumber)	Hawaii		1		Calif.*
<i>Cucurbita pepo</i> (zucchini squash)	do		1		Calif.*
<i>Lycopersicon esculentum</i> (tomato)	do		3		Calif.*
<i>Dacus cucurbitae</i> (Coq.) (?) (Tephritidae):					
<i>Cucumis sativus</i> (cucumber)	do		2		Calif.,* Hawaii.
<i>Dacus dorsalis</i> Hend. (Tephritidae):					
<i>Calophyllum inophyllum</i> (Indiapoon beauty-leaf) fruit.	do	1			Hawaii.
<i>Eugenia uniflora</i> (pitanga)	do	1			Hawaii.
<i>Litchi chinensis</i> (lychee)	do	1			Calif.
Mail package	do	1			Hawaii.
<i>Mangifera indica</i> (mango)	Guam, Hawaii	7	2		Calif.*
<i>Musa paradisiaca</i> var. <i>sapientum</i> (banana)	Fiji (?), Hawaii	2	1		Calif.*
<i>Ochrosia elliptica</i>	Hawaii	1			Calif.*
<i>Pithecellobium dulce</i> (guamachil apesearring)	do	1			Hawaii.
<i>Terminalia catappa</i> (tropical almond)	do	4			Calif.,* Hawaii.
<i>Dacus dorsalis</i> Hend. (?) (Tephritidae):					
<i>Areca catheca</i> (betel palm) nut	do	1			Hawaii.
<i>Cordyline terminalis</i> (ti) berry	do	1			Hawaii.
<i>Mangifera indica</i> (mango)	do	2			Calif.,* Hawaii.
<i>Psidium guajava</i> (guava)	do	3			Hawaii.
<i>Sesbania grandiflora</i> (agati sesbania)	do	1			Hawaii.
<i>Terminalia catappa</i> (tropical almond)	do	4			Hawaii.
<i>Dacus oleae</i> (Gmel.) (Tephritidae):					
Baggage	Italy	2			N.Y.
<i>Olea europaea</i> (olive)	Austria (?), Cyprus, Greece, Italy, Lebanon, unknown.	54	1		Mass., Hawaii, N.J., N.Y.
<i>Dacus oleae</i> (Gmel.) (?) (Tephritidae):					
<i>Olea europaea</i> (olive)	do	1			Mass.
<i>Dallasiellus orchidiphilus</i> Froeschner (Pentatomidae):					
Bromeliad	Peru			2	Fla.
<i>Dasyneura inclusa</i> (Fröhd.) (Cecidomyiidae):					
<i>Phragmites</i> sp. (reed) cane	Germany	1			Oreg.

Pests Collected and Reported From July 1, 1960, Through June 30, 1961—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Deloyala guttata</i> (Ol.) (Chrysomelidae):					
<i>Chamaedorea elegans</i> (palm) leaf.....	Mexico.....	1			Tex.
<i>C. oblongata</i> (leaf).....	do.....	1			Tex.
<i>Chamaedorea</i> sp. (leaf).....	do.....	1			Tex.
Orchid.....	do.....			2	Tex.
<i>Dialeurodes chittendeni</i> Laing (Aleyrodidae):					
<i>Rhododendron catawbiense</i> (leaf).....	Netherlands.....			1	N. J.
<i>Rhododendron</i> sp. (leaf).....	do.....			6	N. Y.
<i>Dialeurodes citrifolii</i> (Morg.) (Aleyrodidae):					
<i>Citrus</i> sp. (leaf).....	Cuba.....	1			Fla.
<i>Dialeurodes kirkaldyi</i> (Kot.) (Aleyrodidae):					
<i>Gardenia</i> sp.....	Tahiti.....	1			Hawaii.
<i>Jasminum sambac</i> (Arabian jasmine).....	Hawaii.....	1			Hawaii.
<i>Jasminum</i> sp.....	Philippines.....			1	Hawaii.
<i>Plumeria</i> sp.....	Hawaii.....			1	Hawaii.
<i>Dialeurodes tristylis</i> Takah. (Aleyrodidae):					
<i>Ilex integra</i> (leaf).....	Japan.....		2		Calif.*
<i>Diaphane eumela</i> (Stoll) (Noctuidae):					
<i>Ornithogalum</i> sp. (chinkerichee).....	Republic of South Africa.....	1			N. J.
<i>Diaspis juniperi</i> (Bche.) (Coccidae):					
<i>Chamaecyparis lawsoniana</i> 'Gimbornit'.....	Netherlands.....			1	D. C.
<i>Diaspis minima</i> Targ. (Coccidae):					
<i>Juniperus</i> sp.....	Italy.....			1	N. Y.
<i>Diaspis zamiae</i> Morg. (Coccidae):					
<i>Cycad</i>	Australia.....			1	Fla.
<i>Encephalartos</i> sp. (cycad).....	Republic of South Africa.....			1	N. J.
Fruit—unidentified.....	do.....			1	N. J.
<i>Strelitzia</i> sp. (leaf).....	France, Italy.....	2			N. Y.
<i>Dichocrocis punctiferalis</i> (Guen.) (Pyraustidae):					
<i>Nephelium lappaceum</i> (rambutan).....	Federation of Malaya.....	1			Hawaii.
<i>Pinus parviflora</i> (Japanese white pine).....	Japan.....			1	Wash.
<i>Dicyphus annulatus</i> (Wolff) (Miridae):					
<i>Lactuca sativa</i> (lettuce).....	Italy.....	1			N. Y.
<i>Dinoderus brevis</i> Horn (Bostrichidae):					
Bamboo.....	India.....	1			Ala.
<i>Borassus flabellifer</i> (palmyra).....	do.....	1			Wis.
<i>Diocalandra taiensis</i> (Guer.) (Curculionidae):					
<i>Cocos nucifera</i> (coconut).....	Hawaii.....	2			Calif.*
<i>Diorymerellus laevimargo</i> Champ. (Curculionidae):					
Orchid.....	Mexico.....			1	Tex.
<i>Diploptera punctata</i> (Esch.) (Diplopteridae):					
Plant material.....	Hawaii.....			1	Hawaii.
<i>Doru albipes</i> (F.) (Forficulidae):					
Orchid.....	Puerto Rico.....			1	P. R.
<i>Drasterius bimaculatus</i> (Rossi) (Elateridae):					
<i>Ficus carica</i> (fig) tree.....	Italy.....			1	P. R.
<i>Dysdercus andreae</i> (L.) (Pyrrhocoridae):					
Orchid.....	Grand Cayman.....			1	Fla.
<i>Dysdercus bidentatus</i> Hussey (Pyrrhocoridae):					
Cargo.....	Ecuador.....	1			Fla.
<i>Dysdercus mimus</i> (Say) (Pyrrhocoridae):					
Bromeliad.....	Costa Rica.....			1	Fla.
Cargo.....	Ecuador.....	1			Calif.*
<i>Cucumis sativus</i> (cucumber).....	Honduras.....	1			Fla.
<i>Dysdercus ruficollis</i> (L.) (Pyrrhocoridae):					
Cargo.....	Ecuador.....	1			Tex.
<i>Dysdercus suterellus</i> (Herrich-Schaeffer) (?) (Pyrrhocoridae):					
<i>Cucumis sativus</i> (cucumber).....	Honduras.....	1			Fla.
<i>Dyspessa ulula</i> (Bkh.) (Cossidae):					
<i>Allium sativum</i> (garlic).....	Italy, Spain, Yugoslavia.....	3	1		La., N. Y., P. R.
<i>Earias cupreoviridis</i> (Wlk.) (Noctuidae):					
<i>Hibiscus esculentus</i> (okra).....	British West Africa.....		1		Tex.
<i>Ecpantheria eridanus</i> (Cram.) (Arctiidae):					
<i>Brassica oleracea</i> var. <i>capitata</i> (cabbage).....	Panama.....		1		N. Y.
<i>Ecpantheria icasia</i> (Cram.) (Arctiidae):					
<i>Allium cepa</i> (onion).....	Haiti.....	1			Fla.

Pests Collected and Reported From July 1, 1960, Through June 30, 1961—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Ectomyelois ceratoniae</i> (Zell.) (Phycitidae):					
<i>Barringtonia</i> sp. (pod).....	Hawaii.....	1	-----	-----	Hawaii.
<i>Cassia fistula</i> (goldenshower senna).....	do.....	1	-----	-----	Hawaii.
<i>Citrus sinensis</i> (sweet orange).....	Africa (country(?)), Italy, Portugal.....	-----	3	-----	Calif., * N.J., P.R.
<i>Coffea arabica</i> (Arabian coffee).....	Hawaii.....	1	-----	-----	Hawaii.
<i>Cydonia oblonga</i> (quince).....	Greece, Italy.....	2	-----	-----	N.Y.
<i>Juglans regia</i> (English walnut).....	Italy.....	4	-----	-----	N.Y.
<i>Prunus amygdalus</i> (almond).....	Greece, Italy.....	4	-----	-----	N.Y.
<i>Punica granatum</i> (pomegranate).....	Greece, Israel, Italy, Turkey.....	11	1	-----	N.Y., S.C.
Seed—assorted.....	Hawaii.....	1	-----	-----	Hawaii.
<i>Tamarindus indica</i> (tamarind) pod.....	Jamaica, Montserrat, Philippines, Puerto Rico.....	3	-----	1	Fla., Wash.
<i>Ectomyelois muriscis</i> (Dyar) (Phycitidae):					
<i>Cassia</i> sp. (senna) seed pod.....	Mexico.....	-----	-----	1	Tex.
<i>Enterolobium</i> sp. (earpodtree) seed pod.....	do.....	1	-----	-----	Tex.
<i>Elimaea punctifera</i> (Walk.) (Tettigoniidae):					
Baggage.....	Hawaii.....	1	-----	-----	Hawaii.
<i>Endelomyia aethiops</i> (F.) (Tenthredinidae):					
<i>Rosa</i> hybrid (rose) cut flower.....	Italy, Poland.....	2	-----	-----	Ill., N.Y.
<i>Engonus subcylindricus</i> Fahr. (Anthribidae):					
Airplane.....	Venezuela.....	-----	1	-----	Fla.
<i>Eobia bicolor</i> (Fairm.) (Oedemeridae):					
Airplane.....	Christmas Island, Palmyra Island(?), Philippines, Southwest Pacific.....	-----	4	-----	Hawaii.
Baggage.....	Hawaii.....	1	-----	-----	Hawaii.
Flowers.....	do.....	1	-----	-----	Hawaii.
Mail package.....	do.....	1	-----	-----	Hawaii.
Orchid (flower).....	do.....	1	-----	-----	Hawaii.
<i>Plumeria</i> sp.....	do.....	1	-----	1	Hawaii.
<i>Ephestia calidella</i> Guen. (Phycitidae):					
<i>Ficus carica</i> (fig).....	Greece.....	1	-----	-----	Va.
<i>Ribes</i> sp. (currant).....	Bulgaria.....	1	-----	-----	N.Y.
<i>Epichorista ionephela</i> (Meyr.) (Tortricidae):					
<i>Ornithogalum thyrsoides</i> (Cape chinkerichee).....	Republic of South Africa.....	2	-----	-----	N.Y.
<i>Epidiaspis piricola</i> (del. Guer.) (Coccidae):					
<i>Malus sylvestris</i> (apple).....	France.....	-----	1	-----	Fla.
<i>Epilachna borealis</i> (F.) var. (Coccinellidae):					
<i>Musa paradisiaca</i> var. <i>sapientum</i> (banana).....	Ecuador.....	2	-----	-----	Ala., N.Y.
<i>Epilachna 28-punctata</i> (F.) (Coccinellidae):					
<i>Brassica oleracea</i> var. <i>capitata</i> (cabbage).....	Australia.....	-----	1	-----	S.C.
<i>Epinotia aporema</i> (Wlsm.) (Olethreutidae):					
<i>Cajanus cajan</i> (pigeonpea).....	Jamaica.....	1	-----	-----	N.Y.
<i>Vicia faba</i> (broadbean).....	Ecuador.....	1	-----	-----	Fla.
<i>Eremocoris plebejus</i> (Fall.) (Lygaeidae):					
Soil with <i>Vaccinium</i> sp. (blueberry) plant.....	Norway.....	-----	-----	1	N.Y.
<i>Eriococcus araucariae</i> Mask. (Coccidae):					
<i>Araucaria excelsa</i> (Norfolk-island-pine).....	Azores.....	-----	-----	1	N.J.
<i>Araucaria</i> sp.....	Bermuda.....	1	-----	-----	Mass.
<i>Eriophyes canestrinii</i> (Nal.) (Eriophyidae):					
<i>Buxus</i> sp. (boxwood).....	Unknown.....	-----	1	-----	Wash.
<i>Eriophyes leionotus</i> (Nal.) (Eriophyidae):					
<i>Betula</i> sp. (birch).....	Finland.....	1	-----	-----	N.Y.
<i>Euborellia plebeja</i> (Dohrn) (Labiduridae):					
<i>Fragaria</i> sp. (strawberry).....	Japan.....	1	-----	-----	Hawaii.
<i>Pinus</i> sp. (pine) dwarf tree.....	do.....	-----	-----	1	Wash.
<i>Euborellia stali</i> (Dohrn) (Labiduridae):					
<i>Amaryllis</i> sp.....	Dominica.....	-----	-----	1	Fla.
<i>Eucalymnatus tessellatus</i> (Sign.) (Coccidae):					
<i>Heliconia</i> sp.....	Unknown.....	1	-----	-----	N.Y.
<i>Euconocephalus platynotum</i> (M.&S.) (Tettigoniidae):					
Airplane.....	Japan.....	-----	1	-----	Hawaii.
<i>Euglandina striata</i> (Müller) (Oleacinidae):					
<i>Musa paradisiaca</i> var. <i>sapientum</i> (banana).....	Ecuador.....	17	-----	-----	Ala., Calif., * Fla., La., N.Y.

Pests Collected and Reported From July 1, 1960, Through June 30, 1961—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Euleia heraclei</i> (L.) (Tephritidae):					
<i>Apium graveolens</i> (celery)	Germany		1		N.Y.
<i>Eurydema ornatum</i> (L.) (Pentatomidae):					
<i>Punica granatum</i> (pomegranate)	Israel	1			N.Y.
<i>Eurytoma infracta</i> Mayr (Eurytomidae):					
<i>Salvia officinalis</i> var. <i>purpurascens</i> (purple sage)	Italy	1			N.Y.
<i>Eurytoma orchidearum</i> (Westw.) (Eurytomidae):					
<i>Cattleya skinneri</i> (orchid)	Costa Rica			1	Calif.*
Orchid	Colombia, El Salvador			4	Fla.
<i>Euscelis plebejus</i> (Fall.) (Cicadellidae):					
<i>Gladiolus</i> hybrid	Italy		1		N.Y.
<i>Euscepes porcellus</i> Boh. (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)	British Honduras	1			Fla.
<i>Euscepes postfasciatus</i> (Fairm.) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)	Brazil, Trinidad		6		Ala., Calif.,* Pa.
<i>Eutetranychus banksi</i> (McG.) (Tetranychidae):					
<i>Artocarpus altilis</i> (breadfruit) leaf	Jamaica	2			Fla.
<i>Eeeres comyntas</i> (Godt.) (Lycaenidae):					
<i>Phaseolus vulgaris</i> var. (string bean)	Mexico	3			Tex.
<i>Egergestis forficatis</i> (L.) (Pyraustidae):					
<i>Brassica oleracea</i> var. <i>botrytis</i> (cauliflower)	Norway		1		N.Y.
<i>Erizitanus obscurinervis</i> (Stal) (Cicadellidae):					
Airplane	Unknown		1		N.Y.
Flowers	Mexico	1			Tex.
<i>Erptochionera oblonga</i> (Stal) (Lygaeidae):					
<i>Tillandsia</i> sp.	do			1	Ariz.
<i>Farinococcus guatemalensis</i> Ferris (Coccidae):					
Orchid	Guatemala			2	Ariz., N.J.
<i>Florinia proboscidea</i> Green (Coccidae):					
<i>Citrus limon</i> (lemon)	Japan		1		Hawaii.
<i>Florinia theae</i> Green (Coccidae):					
<i>Camellia</i> sp.	Mexico	2			Calif.*
<i>Cocos nucifera</i> (coconut)	Philippines		1		Calif.*
<i>Forficula decipiens</i> Gén. (Forficulidae):					
<i>Pisum sativum</i> (pea)	Italy	1			N.Y.
<i>Forficula pubescens</i> Gén. (Forficulidae):					
<i>Phaseolus vulgaris</i> (bean)	do	1			N.Y.
Soil with <i>Iris</i> sp. plants	do			1	N.Y.
<i>Forficula senegalensis</i> Serv. (Forficulidae):					
<i>Cupressus</i> sp. (cypress) cone	France	1			N.Y.
Flowers	Republic of South Africa	1			N.Y.
<i>Frankliniella formosae</i> Mlt. (Thripidae):					
<i>Chrysanthemum morifolium</i>	Japan	2			Hawaii.
<i>Chrysanthemum</i> sp.	Korea	1			Wash.
<i>Dianthus caryophyllus</i> (carnation)	Japan	1			Hawaii.
<i>Frankliniella intonsa</i> (Tryb.) (Thripidae):					
<i>Dianthus caryophyllus</i> (carnation)	Hungary, Sweden	2			N.Y.
Flowers	Denmark, England, Germany, Poland	5			N.Y.
<i>Gladiolus</i> hybrid	Hungary	1			N.Y.
<i>Helichrysum bracteatum</i> (strawflower)	Germany	1			N.Y.
<i>Lathyrus odoratus</i> (sweetpea)	England	1			Mass.
<i>Rosa</i> hybrid	Denmark, England, France, Germany, Poland	7			Ill., N.Y.
<i>Frankliniella lilivora</i> Kurosawa (Thripidae):					
<i>Lilium</i> sp. (lily) bulb	Japan			1	N.Y.
<i>Frankliniella paucispinosa</i> Mlt. (Thripidae):					
<i>Lippia</i> sp.	Argentina			1	Fla.
<i>Frankliniella schultzei</i> (Tryb.) (Thripidae):					
<i>Nerine lucida</i> (seed)	Republic of South Africa			2	D.C.
<i>Frankliniella sulphurea</i> Schmutz (?) (Thripidae):					
<i>Capsicum annuum</i> (pepper)	Hawaii	1			Hawaii.
<i>Furcaspis haematodes</i> Ckll. (Coccidae):					
<i>Kentia</i> sp. (palm) leaf	Philippines		1		Calif.*
<i>Furcaspis oceanica</i> Ldgr. (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Guam (?), Kwajalein	4			Hawaii.

Pests Collected and Reported From July 1, 1960, Through June 30, 1961—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Gelechia ericetella</i> (Hbn.) (Gelechiidae):					
<i>Calluna vulgaris</i> (heather)	Scotland, unknown	1	1		N.Y.
<i>Geniocreminis chilensis</i> (Boh.) (Curculionidae):					
<i>Prunus domestica</i> (plum)	Chile	1			N.Y.
<i>Geotomus pygmaeus</i> (Dallas) (Cydinidae):					
Baggage	Hawaii	2			Hawaii.
<i>Gnorimoschema gudmannella</i> (Wlsm.) (Gelechiidae):					
<i>Capsicum annuum</i> (pepper)	Cuba, Guatemala, Mexico.	10			Ariz., Calif., Calif.* Fla., La., Tex.
<i>Gnorimoschema ocellatella</i> (Boyd) (Gelechiidae):					
<i>Beta vulgaris</i> (beet)	Italy, United Arab Republic.	1	2		N.Y., Pa.
<i>Gortyna flavago</i> (Schiff.) (Noctuidae):					
<i>Cynara scolymus</i> (artichoke)	Italy		1		Md.
<i>Grapholitha janthiana</i> (Dup.) (?) (Olethreutidae):					
<i>Malus sylvestris</i> (apple)	Austria, Rumania, unknown, Yugoslavia	4	1		Ill., Mich., N.Y.
<i>Grapholitha packardii</i> Zell. (Olethreutidae):					
<i>Crataegus</i> sp. (red haw)	Mexico	1			Tex.
<i>Graptostethus manillensis</i> (Serv.) (Lygaeidae):					
<i>Ipomoea</i> sp.	Hawaii	1			Hawaii.
<i>Gymnococcus agavium</i> (Dougl.) (Coccidae):					
<i>Agave shawii</i>	Mexico			1	Calif.
<i>Agave</i> sp.	Spain			1	N.Y.
<i>Gynaikothrips ficorum</i> (Marchal) (Phlaeothripidae):					
Airplane	Cuba		1		Fla.
<i>Laurus nobilis</i> (Grecian laurel)	Mexico			1	Calif.
<i>Haplothrips aculeatus</i> (F.) (Phlaeothripidae):					
Plant—unidentified	Netherlands			2	N.J.
<i>Haplothrips clarisetis</i> Pr. (?) (Phlaeothripidae):					
<i>Lactuca sativa</i> (lettuce)	Mexico	1			Calif.
<i>Haplothrips cottei</i> (Vuillet) (Phlaeothripidae):					
Flowers	Greece	1			N.Y.
<i>Haplothrips gowdeyi</i> (Frankl.) (Phlaeothripidae):					
<i>Crinum</i> sp.	Hawaii	1			Hawaii.
Flowers	Bermuda	1			N.Y.
<i>Helichrysum bracteatum</i> (strawflower)	Israel	1			N.Y.
<i>Plumeria rubra</i> (Mexican frangipani)	Hawaii	1			Hawaii.
<i>Zinnia</i> sp.	Israel	1			N.Y.
<i>Hedylepta indicata</i> (F.) (Pyraustidae):					
<i>Phaseolus vulgaris</i> var. (string bean)	Cuba	1			Fla.
<i>Helicella caperata</i> (Montagu) (Helicellidae):					
Military cargo	Italy	1			La.
<i>Helicella conspurcata</i> (Draparnaud) (Helicellidae):					
Military cargo	Azores, France, Italy, Libya, Morocco, Spain.	9			La., N.Y., N.C., S.C.
<i>Helicella derbentina</i> (Andrz.) (Helicellidae):					
Military cargo	Turkey	1			N.Y.
<i>Helicella ericetorum</i> (Müller) (Helicellidae):					
<i>Tropaeolum</i> sp. (nasturtium) seed	Netherlands			1	Pa.
<i>Helicella itala</i> (L.) (Helicellidae):					
<i>Brassica oleracea</i> var. <i>capitata</i> (cabbage) seed	Italy			1	N.Y.
Military cargo	Italy, unknown	4			La., N.Y.
<i>Helicella maritima</i> (Draparnaud) (Helicellidae):					
<i>Lactuca sativa</i> var. <i>longifolia</i> (romaine lettuce)	France		1		N.Y.
Military cargo	France, Italy	3			La., N.Y.
Stores (with sweet orange)	Spain		1		N.C.
<i>Helicella neglecta</i> (Draparnaud) (Helicellidae):					
Military cargo	do	1			La.
<i>Helicella pyramidata</i> (Draparnaud) (Helicellidae):					
Military cargo	Greece	2			La.
<i>Helicella striata</i> (Müller) (Helicellidae):					
Military cargo	France, Greece, Italy, Turkey, unknown.	7			La., N.Y., Va.
Soil	Italy	1			N.Y.

Pests Collected and Reported From July 1, 1960, Through June 30, 1961—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Helicella variabilis</i> (Draparnaud) (Helicellidae):					
<i>Anthemis</i> sp. (camomile)	Spain	1			P.R.
<i>Lactuca sativa</i> var. <i>longifolia</i> (romaine lettuce)	France		2		N.Y.
Military cargo	Unknown	4			N.Y.
Soil with automobile	France	1			Fla.
<i>Helicina strebeli</i> Pfeiffer (Helicinidae):					
<i>Chamaedorea</i> sp. (palm)	Mexico	2			La.
<i>Helix aperta</i> Born (Helicidae):					
<i>Brassica oleracea</i> var. <i>botrytis</i> (cauliflower)	Germany, Netherlands		2		Ga., S.C.
<i>B. oleracea</i> var. <i>capitata</i> (cabbage)	Italy		1		N.Y.
<i>Lactuca sativa</i> var. <i>longifolia</i> (romaine lettuce)	Greece		1		N.Y.
<i>Helix aspersa</i> Müller (Helicidae):					
Baggage (as food)	Italy	1			N.Y.
<i>Lactuca sativa</i> (lettuce)	France		2		N.Y.
Military cargo	Spain	1			La.
Orchid	Peru			1	Fla.
Stores (on egg crate)	Belgium		1		Mich.
<i>Helix pomatia</i> L. (Helicidae):					
Baggage (as food)	Italy	1			N.Y.
Stores (food for crew)	Unknown		1		La.
<i>Helula undalis</i> (F.) (Pyraustidae):					
<i>Brassica oleracea</i> var. <i>capitata</i> (cabbage)	United Arab Republic		1		Pa.
<i>Hemiarctus hanna</i> (Stoll) (Lycaenidae):					
Airplane	Venezuela (?)		1		Fla.
<i>Hemimene juliana</i> (Curt.) (Olethreutidae):					
<i>Castanea</i> sp. (chestnut)	Italy, Portugal	2			Mass., N.Y.
<i>Heterobostrychus aequalis</i> (Waterh.) (Bostrichidae):					
<i>Bambusa</i> sp. (bamboo) slat	India	1			Md.
Wood (crate)	Cuba, Philippines, Thailand	3			Fla., Ill.
<i>Heterotermes cardini</i> (Snyder) (Rhinotermitidae):					
<i>Crescentia linearifolia</i> (calabash tree)	Haiti	1			Fla.
<i>Heterotermes convermotatus</i> (Snyder) (Rhinotermitidae):					
Cardboard (box)	do.	1			Fla.
<i>Dalbergia</i> sp. (rosewood) log	Brazil	1			La.
<i>Mangifera indica</i> (mango)	Martinique	1			P.R.
<i>Pinus</i> sp. (pine) stump	Honduras	1			La.
<i>Homoeogrillus japonicus</i> (Haan) (Gryllidae):					
Baggage (as caged pets)	Japan	1			Hawaii.
<i>Homotoma ficus</i> (L.) (Psyllidae):					
<i>Ficus carica</i> (fig) stem	Yugoslavia			1	Calif.*
<i>Insara tolteza</i> Sauss. (Tettigoniidae):					
Orchid	Mexico			1	Fla.
<i>Iphiclydes protesilaus</i> (L.) (Papilionidae):					
Automobile	do.		1		Tex.
<i>Ips typographus</i> (L.) (Scolytidae):					
<i>Pinus</i> sp. (?) (crate)	Norway	1			N.Y.
<i>Iridomyrmex iniquus</i> Mayr (Formicidae):					
Bromeliad	Mexico			1	Ariz.
Orchid	Guatemala			2	Fla., La.
<i>Iridomyrmex leucomelas</i> Em. (Formicidae):					
Bromeliad	Brazil			1	Fla.
<i>Isorhinus undatus</i> Champ. (Curculionidae):					
Bromelia sp.	Mexico			1	Tex.
<i>Jadera haematoloma</i> (H.-S.) (Coreidae):					
Baggage	Colombia	1			Tex.
<i>Kaloterms immigrans</i> Snyder (Kalotermitidae):					
Mail package	Hawaii	3			Hawaii.
<i>Labia arcuata</i> Scudd. (Labiidae):					
<i>Chamaedorea oblongata</i> (palm) leaf	Mexico	1			Tex.
<i>Lamellearis gracilis</i> (Hutton) (Achatinidae):					
<i>Persea americana</i> (avocado) seed	St. Lucia			1	P.R.
Soil	Mexico	1			Tex.
Soil with miscellaneous plants	Jamaica			1	Fla.
<i>Tsuga diversifolia</i> (Japanese hemlock) seed	Japan			1	N.J.
<i>Lampides boeticus</i> (L.) (Lycaenidae):					
<i>Canavalia microcarpa</i> (mauna loa) lei	Hawaii	5			Hawaii.
<i>Canavalia</i> sp.	do.	9			Calif.,* Hawaii.
<i>Vicia faba</i> (broadbean)	United Arab Republic		1		Pa.

Pests Collected and Reported From July 1, 1960, Through June 30, 1961—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Laspeyresia nigricana</i> (Steph.) (Olethreutidae): <i>Pisum sativum</i> (pea)	Italy	1			N.Y.
<i>Laspeyresia splendida</i> (Hbn.) (Olethreutidae): <i>Castanea</i> sp. (chestnut)	Germany, Italy, Portugal, Spain, Turkey, Yugoslavia.	28		1	Mass., Mich., N.Y.
<i>Laspeyresia strobilella</i> (L.) (Olethreutidae): <i>Picea</i> sp. (spruce) cone	Germany, unknown	3			N.Y.
<i>Pinus</i> sp. (pine) cone	England	1			N.Y.
<i>Lecanium corni</i> Bouché (Coccidae): <i>Jasminum</i> sp. (jasmine) flower petal	France	1			N.Y.
<i>Prunus</i> sp. (bark)	Japan			1	Wash.
<i>Rosa</i> hybrid (rose) budwood	France			1	N.Y.
<i>Lecanium coryli</i> (L.) (Coccidae): <i>Acer platanoides</i> (Norway maple)	Belgium			1	N.J.
<i>Lecanium persicae</i> (F.) (Coccidae): <i>Prunus domestica</i> (plum) stem	Chile	1			N.Y.
<i>Lepidosaphes conchiformis</i> (Gmel.) (Coccidae): <i>Diospyros kaki</i> (kaki persimmon)	Japan	1	4		Calif.,* Hawaii.
<i>Lepidosaphes ficus</i> (Sign.) (Coccidae): <i>Ficus carica</i> (fig) cutting	Italy			2	Calif.,* N.Y.
<i>Lepidosaphes kuwacola</i> (Kuw.) (Coccidae): <i>Diospyros</i> sp. (persimmon)	Japan	1			Wash.
<i>Lepidosaphes newsteadi</i> (Sulc.) (Coccidae): <i>Juniperus chinensis</i> (pyramid Chinese juniper) dwarf	do.			1	Calif.*
<i>Lepidosaphes philococcus</i> (Ckll.) (Coccidae): Cactus	Mexico			1	Fla.
<i>Nolina</i> sp.	do.			1	Tex.
<i>Lepidosaphes pini</i> (Mask.) (Coccidae): <i>Pinus</i> sp. (pine)	Japan		1		Calif.*
<i>Lepidosaphes punicae</i> Laing (Coccidae): <i>Erythrina</i> sp. (coralbean)	Thailand			1	D.C.
<i>Lepidosaphes tokionis</i> (Kuw.) (Coccidae): <i>Codiaeum variegatum</i> (croton)	Hawaii	6		3	Calif.,* Hawaii.
<i>Codiaeum</i> sp.	Hawaii, Panama	4		2	Fla., Hawaii.
<i>Lepidosaphes tuberculata</i> Mal. (Coccidae): Orchid	Australia			1	N.Y.
<i>Lepidosaphes tubulorum</i> Ferris (Coccidae): <i>Rhododendron yakusimanum</i>	Japan			1	Hawaii.
<i>Lepidosaphes yanagicola</i> (Kuw.) (Coccidae): <i>Diospyros kaki</i> (kaki persimmon)	do.	1			Hawaii.
<i>Leptidea brevipennis</i> Muls. (Cerambycidae): <i>Salix</i> sp. (willow)	France(?)		1		Mich.
<i>Leptocoriza varicornis</i> (F.) (Coreidae): Airplane	Philippines		1		Hawaii.
<i>Leptodictya sinaloana</i> Drake (Tingidae): <i>Tillandsia usneoides</i> (Spanish moss)	Mexico	1			Calif.*
<i>Leptoglossus chilensis</i> (Spin.) (Coreidae): <i>Vitis</i> sp. (grape)	Chile	3			N.Y.
<i>Leptopharsa usingeri</i> Drake (Tingidae): <i>Yucca</i> sp. (seed)	Mexico			1	Tex.
<i>Leucaspis lowi</i> Colvee (Coccidae): <i>Pinus</i> sp. (pine) needles	Austria	1			Ill.
<i>Leucaspis pusilla</i> Loew (Coccidae): <i>Pinus</i> sp. (pine) needles	Greece	1			N.Y.
<i>Leucoptera coffeella</i> G.-M. (Lyonetiidae): <i>Coffea</i> sp. (coffee) leaf	Cuba, Guatemala, Haiti.	2		1	Fla.
<i>Ligyrocoris zurivilliana</i> (Dist.) (Lygaeidae): <i>Cucumis melo</i> var. <i>cantalupensis</i> (cantaloupe)	Mexico	1			Tex.
<i>Ligyrocoris nitidulus</i> (Uhler) (Lygaeidae): <i>Agave victoriae-reginae</i>	do.			2	Tex.
<i>Limax marginatus</i> Müller (Limacidae): <i>Brassica oleracea</i> var. <i>botrytis</i> (broccoli)	Azores, Italy		2		N.Y.
<i>B. oleracea</i> var. <i>capitata</i> (cabbage)	Italy		1		N.Y.
<i>Lactuca sativa</i> (lettuce)	Spain		1		N.Y.
<i>Limax maximus</i> L. (Limacidae): <i>Brassica oleracea</i> var. <i>capitata</i> (cabbage)	Italy		1		N.Y.

Pests Collected and Reported From July 1, 1960, Through June 30, 1961—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Limothrips angulicornis</i> (Jablowl.) (Thripidae):					
<i>Prunus persica</i> var. <i>nectarina</i> (nectarine)	Chile.....	1			N.Y.
<i>Limothrips denticornis</i> (Hal.) (Thripidae):					
<i>Calluna vulgaris</i> (heather)	Scotland.....			1	N.Y.
Plant—unidentified	Netherlands.....			1	N.J.
<i>Lincus rufospilotus</i> (Westw.) (Pentatomidae):					
Orchid	Colombia, Peru.....			3	Fla.
<i>Listronotus palustris</i> Blatchley (Curculionidae):					
Airplane	Unknown.....		1		Fla.
<i>Lobesia botrana</i> (Schiff.) (Olethreutidae):					
<i>Vitis</i> sp. (grape)	Italy, Lebanon.....	2			N.Y.
<i>Lobesia botrana</i> (Schiff.) (?) (Olethreutidae):					
Quarters (with <i>Phoenix dactylifera</i>)	Unknown.....		1		Mass.
<i>Lorryia formosa</i> Cooreman (Tydeidae):					
<i>Citrus limon</i> (lemon)	Argentina.....		1		Fla.
<i>Lorryia mali</i> Oud. (Tydeidae):					
<i>Citrus limon</i> (lemon)	Spain.....		1		Fla.
<i>Loxostege bifidialis</i> (F.) (Pyraustidae):					
<i>Portulaca</i> sp.	Mexico.....	1			Tex.
<i>Lyctus africanus</i> Lesne (Lyctidae):					
Wood—unidentified	England, India.....	5			Fla., Mass., N.Y., Wis.
<i>Lyctus brunneus</i> (Steph.) (Lyctidae):					
Wood—unidentified	American Samoa, Brazil.....	2			Calif., Ohio.
<i>Lyctus linearis</i> (Goeze) (Lyctidae):					
Bagging	India.....	1			N.Y.
Gum	do.....	1			N.Y.
<i>Lygus lineolaris</i> (P. de B.) (Miridae):					
<i>Chrysanthemum</i> sp.	Mexico.....	1			Tex.
<i>Lygus lucorum</i> (Meyer-Dur.) (Miridae):					
Plant—unidentified	Netherlands.....			1	N.J.
<i>Macropia fasciata</i> (Herich-Schaeffer) (Lygaeidae):					
<i>Stipa tenacissima</i> (esparto needgrass)	Italy.....	1			Md.
<i>Macrosiphum formosanum</i> Takah. (Aphidae):					
<i>Lactuca sativa</i> (lettuce)	Japan.....		1		Hawaii.
<i>Mamestra brassicae</i> (L.) (Noctuidae):					
<i>Brassica oleracea</i> var. <i>botrytis</i> (cauliflower)	Tanganyika.....		1		N.Y.
<i>B. oleracea</i> var. <i>capitata</i> (cabbage)	England, France, Germany, Italy, Netherlands.....		7		Ga., N.Y., P.R., Tex.
<i>Brassica</i> sp.	Japan.....		1		Wash.
<i>Petroselinum crispum</i> (parsley)	Italy.....		1		Pa.
<i>Maruca testulalis</i> (Geyer) (Pyraustidae):					
<i>Cajanus cajan</i> (pigeonpea)	Puerto Rico.....	5			Ill., P.R.
<i>Canavalia microcarpa</i> (mauna loa)	Hawaii.....	5			Hawaii.
<i>Canavalia</i> sp.	do.....	5			Calif., Hawaii.
Cargo (with celery and chayote)	Puerto Rico.....	2			P.R.
<i>Phaseolus vulgaris</i> var. (string bean)	Brazil, Japan, Puerto Rico.....	11	3		Calif., * Ill., Pa., P.R.
<i>Sesbania grandiflora</i> (agati sesbania)	Hawaii.....	2			Hawaii.
<i>Sesbania</i> sp.	do.....	1			Hawaii.
<i>Strongylocodon macrobotrys</i> (?)	do.....	1			Calif.*
<i>Matsucoccus matsumurae</i> (Kuw.) (Coccidae):					
<i>Pinus</i> sp. (pine)	Japan.....		1	1	Calif., Wash.
<i>Matsucoccus phaseoli</i> (Mats.) (Olethreutidae):					
<i>Phaseolus vulgaris</i> var. (string bean)	do.....		4		Calif., Wash.
<i>Mecolaemus carvalhoi</i> (Costa Lima) (Miridae):					
Orchid	Peru.....			2	Fla.
<i>Megacerus alternatus</i> Bridw. (Bruchidae):					
Seed—assorted	Hawaii.....	1			Hawaii.
<i>Megastes grandis</i> Guen. (Pyraustidae):					
<i>Ipomoea batatas</i> (sweetpotato)	Brazil.....		1		Md.
<i>Megastigmus cryptomeriae</i> Yano (Torymidae):					
<i>Cryptomeria japonica</i> (seed)	Japan.....			1	N.J.
<i>Megastigmus suspectus pinsapinus</i> Hffm. (Torymidae):					
<i>Cedrus deodara</i> (deodar cedar) seed	France (?).....			1	N.J.

Pests Collected and Reported From July 1, 1960, Through June 30, 1961—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of inter-ceptions in—			Collected in—
		Consump- tion	Nonentry	Propaga- tion	
<i>Melolontha melolontha</i> (L.) (Scarabaeidae): Airplane.....	France.....	-----	28	-----	N. Y.
<i>Mesochelidura peringueyi</i> Burr (Forficulidae): <i>Protea</i> sp. (cut flower).....	Republic of South Africa.....	1	-----	-----	N. Y.
<i>Metamasius hemipterus sericeus</i> (Ol.) (Curcu- lionidae): <i>Musa paradisiaca</i> var. <i>sapientum</i> (banana)....	Costa Rica, Ecuador, Panama.....	20	-----	-----	Ala., Fla., La., N. Y., S. C., Tex
<i>Metopoplax ditomoides</i> (Costa) (Lygaeidae): Airplane.....	Morocco.....	-----	1	-----	Fla.
<i>Micrapate labialis</i> Lesne (Bostrichidae): Wood (crate).....	Mexico.....	2	-----	-----	Calif., N. Y.
<i>Micrapate scabrata</i> (Erich.) (Bostrichidae): <i>Prunus domestica</i> (plum).....	Chile.....	1	-----	-----	N. Y.
<i>Microcerotermes exiguus</i> (Hagen) (Termitidae): Orchid.....	British Guiana.....	-----	-----	1	Fla.
<i>Mimosestes sallaei</i> (Sharp) (Bruchidae): <i>Acacia farnesiana</i> (sweet acacia) seed.....	Jamaica.....	-----	-----	1	D. C.
Airplane.....	Venezuela.....	-----	1	-----	P. R.
Legume (seed).....	Hawaii.....	-----	-----	1	Hawaii.
Seed—unidentified.....	Mexico.....	-----	-----	1	Tex.
<i>Minthea rugicollis</i> (Wlk.) (Lyctidae): Bamboo.....	India.....	1	-----	-----	N. Y.
Wood (crate).....	Brazil, England, Thai- land, Venezuela (?). Sweden.....	4	-----	-----	Fla., Ill., Ohio.
<i>Molorchus minor</i> (L.) (Cerambycidae): Wood (crate).....	Sweden.....	1	-----	-----	Wis.
<i>Monacha cantiana</i> (Montagu) (Helicellidae): <i>Lactuca sativa</i> (lettuce).....	Italy.....	-----	1	-----	N. Y.
Military cargo.....	France.....	2	-----	-----	La.
Plant—unidentified.....	Germany.....	-----	-----	1	N. J.
<i>Monacha carthusiana</i> (Müller) (Helicellidae): <i>Brassica oleracea</i> var. <i>capitata</i> (cabbage) seed.....	Italy.....	-----	-----	1	N. Y.
Military cargo.....	do.....	1	-----	-----	La.
<i>Monomorium destructor</i> (Jerd.) (Formicidae): <i>Dendrobium</i> sp. (orchid).....	India.....	-----	-----	1	Fla.
Fruit—miscellaneous.....	Philippines.....	1	-----	-----	Wash.
<i>Gladiolus</i> hybrid.....	Indonesia.....	1	-----	-----	Hawaii.
Grass (plant).....	India.....	-----	-----	1	D. C.
Herbs (dried).....	Trinidad.....	1	-----	-----	N. Y.
Mail package.....	Hawaii.....	1	-----	-----	Hawaii.
<i>Pyrus</i> sp. (pear) dried.....	India.....	-----	-----	1	D. C.
Quarters.....	Unknown.....	-----	1	-----	Ill.
<i>Moodna bisinuella</i> Hamp. (Phycitidae): <i>Zea mays</i> (corn).....	Mexico.....	-----	1	-----	Calif.
<i>Morganella longispina</i> (Morg.) (Coccidae): <i>Citrus aurantifolia</i> (lime).....	Hawaii.....	1	-----	-----	Calif.*
<i>C. grandis</i> (pummelo).....	Tahiti.....	2	1	-----	Calif.*
<i>C. paradisi</i> (grapefruit).....	do.....	-----	1	-----	Hawaii.
<i>C. reticulata</i> (Mandarin orange).....	Japan.....	-----	2	-----	Calif.*
<i>C. sinensis</i> (sweet orange).....	do.....	-----	1	-----	Calif.*
Plant—unidentified.....	Bermuda.....	1	-----	-----	Mass.
<i>Mormidea inermis Dallas</i> (Pentatomidae): Orchid.....	Mexico.....	-----	-----	1	Tex.
<i>Myelobia smerinthus</i> (Hbn.) (Galleriidae): Bamboo.....	do.....	2	-----	-----	Fla., Tex.
<i>Myodocha longicollis</i> Stal (Lygaeidae): Orchid.....	do.....	-----	-----	1	Fla.
<i>Myzaphis bucktoni</i> Jacob (?) (Aphidae): <i>Rosa</i> hybrid (rose) petal.....	France.....	1	-----	-----	N. Y.
<i>Myzus ascalonicus</i> Donc. (Aphidae): <i>Allium cepa</i> (onion).....	Netherlands.....	-----	-----	1	N. J.
<i>Aster</i> sp. (plant).....	Germany.....	-----	-----	1	N. J.
Stores (on lettuce).....	Unknown.....	-----	4	-----	N. Y.
<i>Nasutitermes corniger</i> (Motsch.) (Termitidae): <i>Cyathea</i> sp. (treefern).....	Mexico.....	-----	-----	1	Tex.
<i>Dalbergia</i> sp. (rosewood) log.....	Brazil.....	1	-----	-----	La.
Orchid.....	Honduras.....	-----	-----	1	Fla.
Wood (crate).....	Colombia.....	1	-----	-----	Fla.

Pests Collected and Reported From July 1, 1960, Through June 30, 1961—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Nasutitermes costalis</i> (Holmgr.) (Termitidae):	Trinidad	1			Fla.
Wood (limb with orchid on it)					
<i>Nasutitermes ephratae</i> (Holmgr.) (Termitidae):	British Honduras			2	Fla.
Bromeliad	British Honduras,			3	Fla.
Orchid	Dominican Republic.				
<i>Schomburgkia</i> sp. (orchid)	British Honduras			1	Fla.
<i>Nasutitermes nigricaps</i> (Hald.) (Termitidae):					
Airplane	do		1		Fla.
Bromeliad	do			4	Fla.
Orchid	Brazil, British Honduras.			2	Fla.
<i>Schomburgkia</i> sp. (orchid)	British Honduras			1	Fla.
<i>Naupactus xanthographus</i> (Germ.) (Curculionidae):					
<i>Vitis</i> sp. (grape)	Chile	8			N.Y.
<i>Neoleucinodes elegantalis</i> (Guen.) (Pyraustidae):					
Cargo (with pumpkin)	Mexico	1			Tex.
<i>Lycopersicon esculentum</i> (tomato)	do	2			Tex.
<i>Solanum melongena</i> (eggplant)	Brazil, Venezuela	1	1		N.Y., P.R.
<i>S. quitoense</i>	Haiti	1			Fla.
<i>Neolobophora ruficeps</i> (Burm.) (Forficulidae):					
Bromeliad	Costa Rica			1	Fla.
<i>Neophyllaphis araucariae</i> Takah. (Aphidae):					
<i>Araucaria</i> sp.	Hawaii			1	Hawaii.
<i>Neotermes castaneus</i> (Burm.) (Kalotermitidae):					
<i>Dioscorea</i> sp. (yam)	Haiti	1			N.Y.
<i>Nephotettix apicalis</i> (Motsch.) (Cicadellidae):					
Airplane	Japan (?), Philippines (?).		4		Hawaii.
<i>Nezara viridula</i> (L.) (Pentatomidae):					
Military cargo	Morocco, unknown	2			N.Y., S.C.
<i>Vitis</i> sp. (grape)	Chile, Republic of South Africa.	5			N.Y.
<i>Nilotaspis halli</i> (Green) (Coccidae):					
<i>Prunus</i> sp.	Iran			1	D.C.
<i>Nipponaclerda biwakoensis</i> (Kuw.) (Coccidae):					
<i>Phragmites communis</i> (reed)	Japan	1			Calif.*
<i>Nudur fractivittarum</i> Dyar (Lithosiidae):					
Bromeliad	British Honduras			1	Fla.
<i>Nysius deletulus</i> Perkins (Lygaeidae):					
Airplane	Hawaii		1		Hawaii.
<i>Nysius huttoni</i> B. White (Lygaeidae):					
<i>Lactuca sativa</i> (lettuce)	New Zealand		1		Hawaii.
<i>Nysius raphanus</i> Howard (Lygaeidae):					
<i>Brassica</i> sp.	Mexico	3			Tex.
Plant—unidentified	do	1			Ariz.
<i>Portulaca oleracea</i> (purslane)	do	1			Tex.
<i>Portulaca</i> sp.	do	1			Tex.
<i>Zea mays</i> (corn)	do	2			Tex.
<i>Nysius tenellus</i> Barber (Lygaeidae):					
<i>Agave victoriae-reginae</i>	do			1	Tex.
Airplane	British West Indies		1		P.R.
<i>Chrysanthemum parthenium</i>	Mexico	1			Tex.
<i>Odonaspis ruthae</i> Kot. (Coccidae):					
<i>Cynodon dactylon</i> (Bermuda grass)	Republic of South Africa.			1	D.C.
<i>Cynodon</i> sp. (dogtooth grass)	Ethiopia			1	D.C.
<i>Oenopiella unidentata</i> (Spinola) (Pentatomidae):					
Airplane	Argentina (?)		1		Fla.
<i>Ogdocoستا biannularis</i> (Boh.) (Chrysomelidae):					
Bromeliad	Mexico			1	Ariz.
<i>Onthophagus taurus</i> (Schr.) (Scarabaeidae):					
Automobile	Unknown	1			N.Y.
<i>Onychaspidium apicale</i> (Will.) (Chloropidae):					
Orchid	Mexico			1	Tex.
<i>Opogona sacchari</i> (Bojer) (Tineidae):					
<i>Haworthia arachnoidea</i>	Republic of South Africa.			1	N.J.
Log	Africa (country ?)	1			La.
<i>Ornithogalum</i> sp. (chinkerichee)	Republic of South Africa.			1	N.J.

Pests Collected and Reported From July 1, 1960, Through June 30, 1961—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Orchidophilus aterrimus</i> (Waterh.) (Curculionidae):					
Orchid.....	Hawaii	1			Hawaii.
<i>Vanda</i> 'Miss Joaquim' (orchid).....	do.	1			Hawaii.
<i>Orphulella punctata</i> (DeG.) (Acrididae):					
Airplane.....	Dominican Republic		1		P.R.
<i>Orthezia praelonga</i> Dougl. (Coccidae):					
<i>Anthurium</i> sp.....	Trinidad	1			P.R.
<i>Ostrinia nubilalis</i> (Hbn.) (Pyraustidae):					
<i>Castanea</i> sp. (chestnut).....	Italy	1			N.J.
<i>Chrysanthemum morifolium</i>	Japan	1			Hawaii.
<i>Chrysanthemum</i> sp.....	do.	1			Wash.
Military cargo.....	Spain	1			La.
<i>Phaseolus vulgaris</i> var. (string bean).....	Japan		2		Calif.,* Wash.
<i>Sorghum vulgare</i> var. <i>technicum</i> (broomcorn) ..	Italy, Yugoslavia	3			N.Y.
<i>Otala lactea</i> (Müller) (Helicidae):					
<i>Brassica oleracea</i> var. <i>botrytis</i>	Italy	1			N.Y.
<i>Lactuca sativa</i> (lettuce).....	do.		1		N.Y.
Military cargo.....	Morocco	2			La., Tex.
<i>Otala vermiculata</i> (Müller) (Helicidae):					
Military cargo.....	Italy, Morocco, Spain	5			La., N.Y., Va.
<i>Otosema odorata</i> (L.) (Noctuidae):					
Airplane.....	Venezuela		1		Fla.
<i>Oulema melanopa</i> (L.) (Chrysomelidae):					
Plant—unidentified.....	Netherlands			2	N.J.
Soil with <i>Calluna vulgaris</i> (heather).....	Germany			1	Mich.
<i>Ozicis xerensis</i> Arnett (Oedemeridae):					
Baggage.....	Mexico	1			Calif.
<i>Orychilus alliarius</i> (Müller) (Zonitidae):					
Cactus.....	Italy			1	N.Y.
Orchid.....	Mexico			1	Hawaii.
<i>Orychilus draparnaldi</i> (Beck) (Zonitidae):					
Military cargo.....	France	1			La.
<i>Orycopsis vittata</i> (Fab.) (Oedemeridae):					
Airplane.....	Puerto Rico		1		P.R.
<i>Pachybrachius albocinctus</i> Barber (Lygaeidae):					
<i>Lycopersicon esculentum</i> (tomato).....	Mexico	1			Ariz.
<i>Pagiocerus fiorii</i> (Egg.) (Scolytidae):					
<i>Zea mays</i> (corn).....	Peru	1	1		La., N.Y.
<i>Palaeopus costicollis</i> Mshl. (Curculionidae):					
<i>Dioscorea</i> sp. (yam).....	Jamaica, Trinidad	2			N.Y.
<i>Palpifer sermotatus</i> (Moore) (?) (Hepialidae):					
<i>Colocasia antiquorum</i> (taro).....	China	1			Wash.
<i>Paragonatus divergens</i> (Dist.) (Lygaeidae):					
Bromeliad.....	British Guiana			1	Fla.
<i>Paraputo taraktogeni</i> Rao (Coccidae):					
<i>Zantedeschia</i> sp. (calla lily).....	India			1	N.J.
<i>Parisoschoenus expositus</i> (Champ.) (Curculionidae):					
<i>Chamaedorea</i> sp. (palm) seed.....	Mexico			1	Tex.
<i>Parisoschoenus flavolimbatus</i> (Champ.) (Curculionidae):					
<i>Chamaedorea oblongata</i> (palm) stem.....	do.	1			Tex.
<i>Parlatoria cinerea</i> Hadden (Coccidae):					
<i>Citrus aurantifolia</i> (lime).....	Brazil, India	1	3		Calif.,*
<i>C. grandis</i> (pummelo).....	Formosa		1	1	Calif.,* D.C.
<i>C. limon</i> (lemon).....	Argentina, Brazil, unknown.		4		Ala., Calif.*
<i>C. paradisi</i> (grapefruit).....	Australia(?), Brazil, Surinam, Tahiti, Trinidad, unknown.		7		Calif.*
<i>C. reticulata</i> (Mandarin orange).....	Philippines		1		Hawaii.
<i>C. sinensis</i> (sweet orange).....	Argentina, Brazil, Ecuador, Mexico, Tahiti, unknown.	5	18		Calif.,* Fla., N.Y.
<i>Parlatoria crotonis</i> Dougl. (Coccidae):					
<i>Codiaeum variegatum</i> (croton).....	Hawaii			1	Hawaii.
<i>Parlatoria crypta</i> McKenzie (Coccidae):					
<i>Jasminum</i> sp. (jasmine).....	India			1	Wash.

Pests Collected and Reported From July 1, 1960, Through June 30, 1961—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Parlatoria pittospori</i> Mask. (Coccidae): <i>Leucadendron</i> sp.	Republic of South Africa.	---	---	1	D.C.
<i>Parlatoria zizyphus</i> (Lucas) (Coccidae): <i>Citrus aurantifolia</i> (sour lime)	Cameroun, Gambia, Japan.	1	3	---	Calif., * Mass., N.Y.
<i>C. aurantifolia</i> (sweet lime)	Italy	1	---	---	Mass.
<i>C. grandis</i> (pummelo)	Japan	1	2	---	Calif., *
<i>C. limon</i> (lemon)	Algeria, Italy, Japan, Liberia.	1	8	---	Calif., * N.Y. Tex.
<i>C. paradisi</i> (grapefruit)	China, Thailand	---	3	---	Calif., *
<i>C. reticulata</i> (Mandarin orange)	China, Formosa, Hong Kong, Japan, Okinawa, Philippines.	7	2	---	Calif., * Hawaii.
<i>C. sinensis</i> (sweet orange)	Algeria, China, Hong Kong, Israel, Italy, Japan, Philippines, Spain, unknown.	4	14	---	Calif., * Hawaii, Mass., N.Y.
<i>Citrus</i> sp. (leaf)	Japan, Thailand	1	1	---	Calif., * Hawaii.
<i>Parozacis antillarum</i> (Champ.) (Oedemeridae): Airplane	Venezuela	---	1	---	Fla.
<i>Patanga japonica</i> (Bol.) (Acrididae): Baggage	Japan	1	---	---	Wash.
<i>Pealius hibisci</i> (Kot.) (Aleyrodidae): Gardenia sp.	Hawaii	1	---	---	Calif., *
<i>Pectinophora gossypiella</i> (Saund.) (Gelechiidae): <i>Gossypium herbaceum</i> (Levant cotton; boll)	Trinidad	---	---	1	Fla.
<i>Gossypium</i> sp. (cotton; bale)	India	1	---	---	Calif., *
<i>Gossypium</i> sp. (cotton; boll)	Haiti, Hawaii, Italy, Mexico, Turkey.	7	---	---	Fla., Hawaii, N.Y., Tex.
<i>Gossypium</i> sp. (cotton; moles)	Brazil	1	---	---	S.C.
<i>Gossypium</i> sp. (cottonseed)	Brazil, Grand Cayman, Hong Kong, Mexico, United Arab Republic.	7	2	---	Fla., N.Y., S.C., Tex.
<i>Gossypium</i> sp. (seed cotton)	Mexico	---	4	---	Tex.
<i>Hibiscus esculentus</i> (okra)	Dominican Republic, Haiti, Jamaica.	6	3	---	Fla., N.Y., Pa., P.R.
<i>Hibiscus</i> sp. (lei)	Cuba	1	---	---	Va.
<i>Pelopidas mathias oberthuri</i> Evans (Hesperiidae): Airplane	Japan(?)	---	1	---	Hawaii.
<i>Pemphigus populiramulorum</i> Riley (Aphidae): <i>Populus</i> sp. (leaf)	Mexico	1	---	---	Ariz.
<i>Pentalonia nigronervosa</i> Coq. (Aphidae): <i>Alocasia</i> sp. (leaf)	Canal Zone	---	---	1	Fla.
<i>Alpinia mutica</i> (Malay galangal)	Hawaii	1	---	---	Hawaii.
<i>A. purpurata</i>	Hawaii, Panama	9	---	---	Fla., Hawaii.
<i>Alpinia</i> sp. (flower)	Canal Zone, Hawaii, Panama.	2	---	1	Fla., Hawaii.
<i>Calochortus</i> sp. (mariposa)	Cuba	1	---	---	N.Y.
Fern	Peru	---	---	1	Fla.
<i>Heliconia humilis</i>	Hawaii	1	---	---	Hawaii.
<i>Heliconia</i> sp.	Cuba	---	---	1	Fla.
<i>Phaemetera</i> sp.	Ecuador	1	---	---	Fla.
<i>Streitzia</i> sp. (bird-of-paradise-flower)	Jamaica, Panama	---	---	2	Fla., N.Y.
<i>Zingiber</i> sp. (ginger)	Hawaii	2	---	---	Hawaii.
<i>Pentamerismus oregonensis</i> McG. (Tenuipalpidae): <i>Juniperus chinensis</i> (pyramid Chinese juniper) dwarf.	Japan	---	---	1	N.Y.
<i>Juniperus</i> sp.	do	---	---	1	Calif., *
<i>Periphyllus aceris</i> (Koch) (Aphidae): <i>Acer pseudoplatanus</i> (sycamore maple)	France	---	1	---	Mass.
<i>Acer</i> sp.	do	---	1	---	N.Y.
<i>Perkinsiella saccharicida</i> Kirk. (Delphacidae): <i>Anthurium</i> sp.	Hawaii	1	---	---	Hawaii.
<i>Phalonia zephyrana</i> (Treit.) (Phaloniidae): <i>Daucus carota</i> var. <i>sativa</i> (carrot)	Italy	---	4	---	Fla., Pa.

Pests Collected and Reported From July 1, 1960, Through June 30, 1961—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Phaneroptera furcifer</i> Stal (Tettigoniidae):					
Airplane	Guam		1		Hawaii.
<i>Pheidole megacephala</i> (F.) (Formicidae):					
<i>Alpinia purpurata</i> (cut flower)	Hawaii	2			Hawaii.
<i>Anacharis</i> sp. (waterweed)	Cuba		1		Fla.
<i>Ananas comosus</i> (pineapple)	do	2			Fla.
Bromeliad	British Honduras		7		Fla.
<i>Calliandra</i> sp.	Singapore		1		Hawaii.
<i>Capsicum annuum</i> (pepper)	Hawaii	1			Hawaii.
<i>Cibotium</i> sp. (fern)	do		1		Hawaii.
<i>Coccoloba wifera</i> (seagrape)	Bermuda	1			Mass.
<i>Cocos nucifera</i> (coconut)	Hawaii	3	1		Hawaii.
<i>Cordyline terminalis</i> (ti)	do	1	1		Hawaii.
<i>Crotalaria</i> sp.	do	1			Hawaii.
<i>Cycas revoluta</i> (sago palm)	Okinawa		1		Hawaii.
<i>Dalbergia</i> sp. (rosewood) log	Brazil	1			La.
Debris	Bahamas		1		Fla.
Flowers	Bermuda	1			N.Y.
Food	Hawaii	1			Hawaii.
<i>Hibiscus</i> sp.	Bermuda			1	N.Y.
<i>Ipomoea batatas</i> (sweetpotato)	Hawaii	1			Hawaii.
<i>Izora chinensis</i> (lei)	Fiji	1			Hawaii.
<i>Lansium domesticum</i> (lansat)	Philippines	1			Hawaii.
<i>Lathyrus odoratus</i> (sweetpea)	Bermuda	1			N.Y.
Mail package	Hawaii	1			Hawaii.
<i>Musa</i> sp. (rhizome)	Solomon Islands		1		D.C.
Orchid	British Honduras, Canal Zone, Hawaii, Honduras, Mexico.	1		9	Fla., Hawaii.
Plant—unidentified	Singapore			1	Hawaii.
<i>Plumeria</i> sp.	Hawaii		1		Hawaii.
<i>Prunus persica</i> (peach)	Portugal		1		Fla.
<i>Saccharum officinarum</i> (sugarcane)	St. Kitts	1			Am. V.I.
<i>Samanea saman</i> (raintree saman) log	Fiji	3			Hawaii.
Soil with <i>Mentha</i> sp. (mint) plant	Cuba			1	N.Y.
Waterlily	do	1			Fla.
<i>Phenacaspis cockerelli</i> (Cooley) (Coccidae):					
<i>Mangifera indica</i> (mango)	Philippines		1		Hawaii.
<i>Philaspis bivulnerata</i> (Boh.) (Chrysomelidae):					
Baggage (with artificial flowers)	Mexico	1			Ill.
<i>Phlyctinus callosus</i> Boh. (Curculionidae):					
<i>Vitis</i> sp. (grape)	Republic of South Africa	5			N.Y.
<i>Phoebeolampra excellens</i> (Walk.) (Tettigoniidae):					
Quarters	Haiti		1		Tex.
<i>Phorodon menthae</i> (Buckt.) (Aphidae):					
<i>Mentha piperita</i> f. <i>rubescens</i>	Bulgaria			1	D.C.
<i>Mentha</i> sp. (mint)	England, Mexico	1		1	Calif., N.Y.
<i>Phricodus hystrix</i> (Germ.) (Pentatomidae):					
<i>Sesamum angolense</i>	Republic of South Africa			1	D.C.
<i>Phurys immunis</i> Guen. (Noctuidae):					
Airplane	Dominican Republic		1		Fla.
<i>Phyllophaga analis</i> (Burm.) (Scarabaeidae):					
<i>Manihot</i> sp. (cassava)	Cuba	1			N.Y.
<i>Phytomyza atricornis</i> Meig. (Agromyzidae):					
<i>Chrysanthemum</i> sp.	Bahamas, France	8			Fla., N.Y., Ohio.
<i>Phytomyza rufipes</i> Meig. (Agromyzidae):					
<i>Brassica oleracea</i> var. <i>botrytis</i> (cauliflower)	Belgium, England, Netherlands.		20		N.Y., Pa., Tex.
<i>B. oleracea</i> var. <i>capitata</i> (cabbage)	Belgium, England, Germany.		3		N.Y., Pa.
<i>B. rapa</i> (turnip)	England		1		Tex.
<i>Cichorium endivia</i> (endive)	Belgium, Netherlands	11	1		Mass., N.Y.
<i>C. intybus</i> (chicory)	Belgium	2			N.Y.
<i>Lactuca sativa</i> (lettuce)	Netherlands		1		Pa.
<i>Raphanus sativus</i> (radish)	Unknown		1		N.Y.
<i>Pieris brassicae</i> (L.) (Pieridae):					
<i>Brassica oleracea</i> var. <i>capitata</i> (cabbage)	Italy		2		N.Y.
<i>Lactuca sativa</i> (lettuce)	Azores		1		N.Y.
Military cargo	Greece, Morocco	3			N.Y., S.C.

Pests Collected and Reported From July 1, 1960, Through June 30, 1961—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Pinnaspis buri</i> (Bouché) (Coccidae):					
<i>Cocos nucifera</i> (coconut).....	Cuba.....			1	Fla.
<i>Cordylone terminalis</i> (ti).....	Hawaii, Panama.....	8		3	Fla., Hawaii.
<i>Cordylone</i> sp.....	Hawaii.....	1		1	Hawaii.
Palm (leaf).....	Japan.....		1		Calif.*
<i>Philodendron</i> sp.....	Hawaii.....			1	Hawaii.
<i>Scindapsus</i> sp. (ivy-arum) leaf.....	do.....			1	Hawaii.
<i>Pinnaspis caricis</i> Ferris (Coccidae):					
<i>Ophiopogon</i> sp. (lilyturf).....	Puerto Rico.....			1	D.C.
<i>Pinnaspis theae</i> (Mask.) (Coccidae):					
<i>Camellia sasangua</i>	Formosa.....			1	D.C.
<i>Pityogenes chalcographus</i> (L.) (Scolytidae):					
Conifer (dunnage).....	Belgium, Germany.....		2		Fla.
<i>Plagiomorpha scabricula</i> (Stal) (Chrysomelidae):					
Cactus.....	Mexico.....			1	Tex.
<i>Plagionotus arcuatus</i> (L.) (Cerambycidae):					
<i>Pinus</i> sp. (pine) dunnage.....	Unknown.....		1		Ohio.
<i>Platoeceticus symmicta</i> Dyar (Psychidae):					
<i>Musa paradisiaca</i> (plantain).....	Guatemala.....	1			Fla.
<i>Platynota rostrana</i> (Wlk.) (Tortricidae):					
<i>Ananas comosus</i> (pineapple).....	Mexico.....	1			Tex.
<i>Platypus rugulosus</i> Chap. (Platypodidae):					
<i>Nectandra rodiei</i> (greenhart) piling.....	British Guiana.....	1			Tex.
<i>Plusia orichalcea</i> (F.) (Noctuidae):					
<i>Allium sativum</i> (garlic).....	Spain.....		1		Mich.
<i>Podisus lineolatus</i> (Herrich-Schaeffer) (Pentatomidae):					
<i>Tillandsia</i> sp.....	Mexico.....			1	Tex.
<i>Polyancistrus serrulatus</i> (P. de B.) (Tettigoniidae):					
Orchid.....	Dominican Republic.....			1	Fla.
<i>Polyglypta costata</i> Burm. (Membracidae):					
Bromeliad.....	Mexico.....			1	Tex.
<i>Polytus mellerborgi</i> (Bob.) (Curculionidae):					
<i>Musa acuminata</i> (rhizome).....	Philippines.....			1	D.C.
<i>Musa</i> sp. (rhizome).....	do.....			1	D.C.
<i>Popillia lewisi</i> Arrow (Scarabaeidae):					
Airplane.....	Okinawa.....		3		Hawaii.
<i>Porphyrobaphis iostoma</i> Sowerby (Bulimulidae):					
<i>Musa paradisiaca</i> var. <i>sapientum</i> (banana).....	Ecuador, unknown.....	7			Calif.* La., N.Y.
Quarters.....	Ecuador.....		1		Fla.
<i>Praeaces thecophora</i> (Wism.) (Tineidae):					
<i>Dendrobium</i> sp. (orchid).....	Hawaii.....			1	Hawaii.
<i>Prays oleellus</i> (F.) (Hyponomeutidae):					
<i>Olea europaea</i> (olive).....	Italy.....	4		1	N.Y.
<i>Procryptotermes hubbardi</i> (Banks) (Kalotermitidae):					
Wood—unidentified.....	Mexico.....	1			Ariz.
<i>Prodenia litura</i> (F.) (Noctuidae):					
<i>Capsicum annuum</i> (pepper).....	Israel.....		1		N.Y.
<i>Protopulvinaria longivalvata</i> Green (Coccidae):					
Leaf—unidentified.....	Guatemala.....	1			Tex.
<i>Piper nigrum</i> (black pepper) leaf.....	Puerto Rico.....			1	D.C.
<i>Protopulvinaria pyriformis</i> (Ckll.) (Coccidae):					
<i>Gardenia jasminoides</i> (leaf).....	Cuba.....	2			Fla.
<i>Pseudocysta perseae</i> (Heid.) (Tingidae):					
<i>Persea americana</i> (avocado).....	Mexico.....	1			Tex.
<i>Pseudonidia clavigera</i> (Ckll.) (Coccidae):					
<i>Gardenia</i> sp. (leaf).....	Hawaii.....			1	Calif.*
<i>Hibiscus</i> sp.....	do.....			1	Hawaii.
<i>Pseudonidia trilobitiformis</i> (Green) (Coccidae):					
<i>Citrus aurantifolia</i> (lime).....	Brazil.....		2		N.Y.
<i>C. limon</i> (lemon).....	Argentina, Brazil.....	1	12		Calif.* Fla., N.Y., P.R.
<i>C. sinensis</i> (sweet orange).....	Brazil.....		2		Calif.*
<i>Irora coccinea</i> (leaf).....	Jamaica.....		1		Calif.*
<i>Mangifera indica</i> (mango).....	Philippines.....	1			Hawaii.
<i>Pseudischinaspis alienus</i> (Newst.) (Coccidae):					
<i>Cattleya</i> sp. (orchid) leaf.....	British Honduras, Costa Rica, Guatemala.....			4	Fla., Tex.
<i>Epidendrum</i> sp. (orchid).....	British Honduras.....			1	Tex.

Pests Collected and Reported From July 1, 1960, Through June 30, 1961—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Pseudischinaspis alienus</i> —Continued					
<i>Oncidium baueri</i> (orchid).....	Canal Zone.....			1	Wash.,
<i>Oncidium</i> sp. (orchid).....	do.....			1	Tex.
Orchid.....	British Honduras, Guatemala, Honduras, Mexico, Panama.			6	Calif.,* Fla., La., Tex.
<i>Pseudischinaspis bowreyi</i> (Ckll.) (Coccidae):					
<i>Agave</i> sp.....	Jamaica.....			1	Fla.
<i>Pseudischinaspis longissima</i> (Ckll.) (Coccidae):					
<i>Citrus sinensis</i> (sweet orange).....	Costa Rica.....		1		Calif.
<i>Pseudococcus azaleae</i> (Tins.) (Coccidae):					
<i>Rhododendron</i> sp.....	Japan.....			1	N.J.
<i>Pseudococcus boninsis</i> (Kuw.) (Coccidae):					
<i>Saccharum officinarum</i> (sugarcane).....	Australia, Bahamas, Nigeria.	2	1		Bahamas, Hawaii, Mass.
<i>Pseudococcus citriculus</i> Green (Coccidae):					
<i>Citrus reticulata</i> (Mandarin orange).....	Japan.....		1		Hawaii.
<i>Pseudococcus coccotis</i> (Mask.) (tentative) (Coccidae):					
<i>Cocos nucifera</i> (coconut) leaf.....	Christmas Island.....		1		Hawaii.
<i>Pseudococcus gahani</i> Green (Coccidae):					
<i>Citrus limon</i> (lemon).....	Unknown.....		1		N.Y.
<i>Diospyros kaki</i> (kaki persimmon).....	Chile.....	1			Fla.
<i>Protea</i> sp. (cut flower).....	Republic of South Africa.	1			N.Y.
<i>Pseudococcus giffardi</i> Ehrh. (Coccidae):					
<i>Pandanus odoratissimus</i>	Hawaii.....	1			Hawaii.
<i>Pseudococcus lilacinus</i> (Ckll.) (Coccidae):					
<i>Psidium guajava</i> (guava).....	Philippines.....	1			Wash.
<i>Pseudococcus mali</i> (Ezzat & McConnell) (tentative) (Coccidae):					
<i>Cordyline terminalis</i> (ti) leaf.....	Hawaii.....	1			Hawaii.
<i>Pseudococcus neobrevipes</i> (Beardsley) (Coccidae):					
<i>Basella alba</i> (white vinespinach).....	Palmyra Island.....	1			Hawaii.
<i>Pseudococcus palmarum</i> (Ehrh.) (Coccidae):					
<i>Cocos nucifera</i> (coconut).....	Hawaii.....	11		3	Calif.,* Hawaii.
<i>Pseudococcus pini</i> (Kuw.) (Coccidae):					
<i>Pinus parviflora</i> (Japanese white pine).....	Japan.....			1	Hawaii.
" <i>Pseudoparlatoria</i> " <i>giffardi</i> Adachi & Fullaway (Coccidae):					
<i>Araucaria</i> sp.....	Hawaii.....	1			Hawaii.
<i>Pseudoparlatoria ostreata</i> Ckll. (Coccidae):					
<i>Bromeliad</i>	Brazil.....			1	Fla.
<i>Psylla mali</i> (Schmid.) (Psyllidae):					
<i>Malus</i> sp. (apple) scion.....	Switzerland.....			1	Wash.
<i>Ptilia versicolor</i> (Klug) (Argidae):					
<i>Tillandsia</i> sp.....	Mexico.....			1	Tex.
<i>Pulvinaria aurantii</i> Ckll. (Coccidae):					
<i>Citrus aurantium</i> (sour orange).....	Japan.....		1		Calif.*
<i>Pulvinaria psidii</i> Mask. (Coccidae):					
<i>Alpinia purpurata</i>	Hawaii.....	4			Hawaii.
<i>Gardenia jasminoides</i>	do.....	3		1	Calif.,* Hawaii.
<i>Hedychium</i> sp. (ginger lily) leaf.....	do.....	1			Hawaii.
<i>Litchi chinensis</i> (lychee).....	Okinawa.....		1		Hawaii.
<i>Pulvinaria urbicola</i> Ckll. (?) (Coccidae):					
<i>Zingiber spectabile</i> (redbract ginger).....	Hawaii.....	1			Hawaii.
<i>Puto barberi</i> (Ckll.) (Coccidae):					
Seed pod—unidentified.....	Colombia.....	1			Calif.*
<i>Puto mexicanus</i> (Ckll.) (Coccidae):					
<i>Cephalocereus senilis</i> (oldman cactus).....	Mexico.....			1	Tex.
<i>Epidendrum vitellinum</i> (orchid).....	do.....			1	Hawaii.
<i>Trichopilia tortilis</i> (orchid).....	do.....			1	Hawaii.
<i>Puto ulter Ferris</i> (Coccidae):					
<i>Cypripedium</i> sp. (orchid).....	Guatemala.....			1	Calif.*
<i>Laelia superbiens</i> (orchid).....	do.....			1	Tex.
<i>Odontoglossum grande</i> (orchid).....	do.....			1	Tex.
<i>Odontoglossum</i> var.....	do.....			1	Calif.*
<i>Oncidium</i> sp. (orchid).....	do.....			1	Calif.*
Orchid.....	do.....			3	Ariz., Fla.

Pests Collected and Reported From July 1, 1960, Through June 30, 1961—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Rehimena phrynealis</i> Wlk. (Pyraustidae): Airplane.....	Philippines (?).....		1		Hawaii.
<i>Reticulitermes speratus</i> (Kolbe) (Rhinotermitidae): Wood—unidentified.....	Japan.....	1			Hawaii.
<i>Rhagoletis alternata</i> (Fall.) (?) (Tephritidae): Rosaceae (berry).....	Italy.....	1			N.Y.
<i>Rhagoletis cerasi</i> (L.) (Tephritidae): <i>Prunus</i> sp. (cherry).....	Czechoslovakia, Denmark, France, Germany, Greece, Hungary, Israel (?), Italy, Netherlands, Poland, Portugal, Spain, unknown.	40	29		Calif., * Ill., Mass., Mich., N.Y.
<i>Rhagoletis cerasi</i> (L.) (?) (Tephritidae): <i>Prunus</i> sp. (cherry).....	Italy.....		1		Mass.
<i>Rhaphogaster nebulosa</i> (Poda) (Pentatomidae): Military cargo.....	Spain.....	1			La.
<i>Rhynchites auratus</i> (Scop.) (Curculionidae): <i>Prunus spinosa</i> (sloe) seed.....	Scotland.....			1	N.J.
<i>Rhynchotermes nasutissimus</i> (Silv.) (Termitidae): Bromeliad.....	Peru.....			1	Fla.
<i>Rhyparochromus pini</i> (L.) (Lygaeidae): <i>Fragaria</i> sp. (strawberry).....	Germany.....			1	Ill.
<i>Ritua innoria</i> Hein. (Phycitidae): <i>Ananas comosus</i> (pineapple).....	Cuba, Dominican Republic.....	21			Fla., N.Y.
<i>Rumina decollata</i> (L.) (Achatinidae): Soil.....	Italy.....	1			N.Y.
<i>Sardia pluto</i> (Kirk.) (Delphacidae): Airplane.....	South Pacific.....		1		Hawaii.
<i>Schoenobius incertulus</i> (Wlk.) (Schoenobiidae): Airplane.....	Unknown.....		1		Hawaii.
<i>Selenothrips rubrocinctus</i> (Giard) (Thripidae): <i>Codiaeum</i> sp. (leaf).....	Hawaii.....	1			Hawaii.
Orchid (leaf).....	Peru.....			1	Fla.
<i>Sesamia cretica</i> Led. (Noctuidae): <i>Sorghum vulgare</i> (sorghum) stalk.....	Italy.....	1			Md.
<i>Sesamia inferens</i> (Wlk.) (Noctuidae): <i>Oryza sativa</i> (rice).....	Japan.....		1		Hawaii.
<i>Sesamia nonagrioides</i> (Lef.) (Noctuidae): <i>Zea mays</i> (corn) stalk.....	Spain.....	1			N.Y.
<i>Sessinia livida</i> (Fab.) (Oedemeridae): Airplane.....	Canton Island, Christmas Island.....		3		Hawaii.
<i>Sinozylön anale</i> Lesne (Bostrichidae): Wood (crate).....	India.....	1			Mass.
<i>Sinozylön conigerum</i> Gerst. (Bostrichidae): Airplane.....	Okinawa (?).....		1		Hawaii.
Mail package.....	Hawaii.....	1			Hawaii.
Wood (crate).....	England, India, Pakistan.....	5			Calif., * Fla., N.Y., S.C.
<i>Sinozylön ruficorne</i> Fahr. (Bostrichidae): Wood (crate).....	Angola.....	1			N.Y.
<i>Siphanta acuta</i> (Wlk.) (Flatidae): <i>Alpinia purpurata</i> (cut flower).....	Hawaii.....	1			Hawaii.
<i>Anthurium</i> sp. (cut flower).....	do.....	1			Hawaii.
<i>Metrosideros</i> sp. (iron tree).....	do.....	1			Hawaii.
<i>Phaemera magnifica</i> (cut flower).....	do.....	1			Hawaii.
<i>Sitona hispidula</i> (F.) (Curculionidae): Bagging.....	Germany.....	1			Wis.
Debris.....	do.....		1		Wis.
<i>Sitona lineata</i> (F.) (Curculionidae): Leaf—unidentified.....	Portugal.....		1		N.Y.
Plant—unidentified.....	Netherlands.....			2	N.J.
<i>Syringa</i> sp. (lilac) cut flower.....	do.....	2			N.Y.
<i>Solaropsis monile</i> (Broderip) (Camaenidae): <i>Musa paradisiaca</i> var. <i>sapientum</i> (banana).....	Ecuador.....	3			Ala., Fla.
<i>Solenopsis saccharis</i> richteri Forel. (Formicidae): <i>Juglans regia</i> (English walnut).....	South America (country ?).....		1		Fla.

Pests Collected and Reported From July 1, 1960, Through June 30, 1961—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Sparedrus depressus</i> (Champ.) (Oedemeridae): Orchid	Mexico			1	Tex.
<i>Spartus villosus</i> (F.) (Bruchidae): <i>Laburnum alpinum</i> (seed)	Italy			1	N.J.
<i>L. anagyroides</i> (seed)	do.			1	N.J.
<i>Specularius erythrinae</i> Bridw. (Bruchidae): <i>Erythrina abyssinica</i> (seed)	Federation of Rhodesia and Nyasaland.			1	N.J.
<i>E. humeana</i> (Hume coralbean) seed	Federation of Rhodesia and Nyasaland, Republic of South Africa.			2	N.J.
<i>Erythrina</i> sp.	Federation of Rhodesia and Nyasaland.			1	N.J.
<i>Stator limbatus</i> (Horn) (Bruchidae): Legume (seed)	Hawaii			1	Hawaii.
<i>Pithecellobium mexicanum</i> (seed)	Mexico			1	Hawaii.
<i>Samanea saman</i> (reintree saman) seed	Hawaii	1			Hawaii.
<i>Stator pruinitus</i> (Horn) (Bruchidae): <i>Dianthus caryophyllus</i> (carnation) lei	do.		2		Hawaii.
<i>Leucaena leucocephala</i> (seed)	do.	1			Hawaii.
<i>Stenotarsonemus laticeps</i> (Halb.) (Tarsonemidae): <i>Narcissus</i> sp. (bulb)	England, Ireland, Northern Ireland.			266	N.J.
<i>Stenoma catenifer</i> Wlsm. (Stenomidae): <i>Persea americana</i> (avocado)	Brazil, Colombia, Ecuador, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, Panama.	22		1	Ariz., Calif.,* Fla., La., Tex.
<i>Stenoptilia stigmatodactyla</i> Zell. (Pterophoridae): <i>Gentiana</i> sp. (cut bloom)	Switzerland	2			N.Y.
<i>Stephanitis pyri</i> (F.) (Tingidae): <i>Chrysanthemum</i> sp.	Greece			1	N.Y.
<i>Stephanitis pyrioides</i> (Scott) (Tingidae): <i>Rhododendron</i> sp. (azalea)	Japan			1	Hawaii.
<i>Stephanitis typica</i> (Dist.) (Tingidae): <i>Garcinia</i> sp. (fruit)	Philippines	1			Wash.
<i>Stephanoderes hampei</i> (Ferr.) (Scolytidae): <i>Coffea arabica</i> (Arabian coffee)	Brazil			1	D.C.
<i>Sternonchetus mangiferae</i> (F.) (Curculionidae): <i>Mangifera indica</i> (mango)	Guam, Hawaii, India	29	14	2	Calif.,* Hawaii, Pa.
<i>Sterrhia inguinata</i> (Scop.) (Geometridae): <i>Anthemis</i> sp. (camomile) tea	Yugoslavia	1			Ill.
Herbs (dried)	Italy	1			N.Y.
<i>Stromatium longicorne</i> (Newm.) (Cerambycidae): Airplane	Okinawa(?)		1		Hawaii.
<i>Subulina octona</i> (Brugulere) (Achatinidae): Bromellad.	Surinam			1	Fla.
<i>Persea americana</i> (avocado)	St. Lucia			1	P.R.
<i>Subulitermes microsoma</i> (Silv.) (Termitidae): <i>Dalbergia</i> sp. (rosewood) log	Brazil	1			La.
<i>Suidasia medianensis</i> Oud. (Acaridae): <i>Secale cereale</i> (rye) straw	France	1			Fla.
<i>Sybra alternans</i> (Wied.) (Cerambycidae): Baggage	Hawaii	1			Hawaii.
<i>Syneda confirmans</i> Wlk. (Noctuidae): Quarters	Bahamas		1		Fla.
<i>Syngras diffundens</i> (Wlk.) (Noctuidae): Airplane	Venezuela		1		Fla.
<i>Systole albipennis</i> Wlk. (Eurytomidae): Stores	England		1		Fla.
<i>Taeniothrips atratus</i> (Hal.) (Thripidae): <i>Callistephus chinensis</i> (China-aster)	Norway	1			N.Y.
<i>Calluna vulgaris</i> (heather)	Canada, Scotland	2			N.Y., Wash.
<i>Dianthus caryophyllus</i> (carnation)	Germany, Hungary, Poland, unknown.	3	1		Ill., N.Y.
<i>Dianthus</i> sp.	Norway, unknown	1	1		N.Y.

Pests Collected and Reported From July 1, 1960, Through June 30, 1961—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of inter-ceptions in—			Collected in—
		Consump- tion	Nonentry	Propaga- tion	
<i>Taeniothrips atratus</i> —Continued					
Flowers—mixed	England, Germany, Poland	7	—	—	Mass., N.Y.
<i>Gladiolus</i> hybrid	Hungary	1	—	—	N.Y.
<i>Lathyrus odoratus</i> (sweetpea)	England	1	—	—	Mass.
<i>Lavandula</i> sp. (lavender)	do.	—	—	1	Mass.
Plant—unidentified	Netherlands	—	—	4	N.J.
<i>Rosa</i> hybrid	England, Poland	3	—	—	N.Y.
<i>Taeniothrips dianthi</i> Pr. (Thripidae):					
<i>Dianthus caryophyllus</i> (carnation)	Germany, Hungary	2	—	—	Ill., N.Y.
<i>Dianthus</i> sp.	Unknown	—	1	—	N.Y.
Flowers—mixed	Poland, unknown	2	—	—	N.J., N.Y.
<i>Taeniothrips distalis</i> Karny (Thripidae):					
<i>Chrysanthemum morifolium</i>	Japan	1	—	—	Hawaii.
<i>Dianthus caryophyllus</i> (carnation)	do.	1	—	—	Hawaii.
<i>Taeniothrips ericae</i> (Hal.) (Thripidae):					
<i>Calluna vulgaris</i> (heather)	Norway, Scotland	4	1	2	Ill., Mass., N.Y.
<i>Rosa</i> hybrid	England	1	—	—	N.Y.
<i>Taeniothrips gracilis</i> Mlt. (Thripidae):					
<i>Amaryllis</i> sp. (bulb)	Japan	—	—	2	N.Y.
<i>Gladiolus</i> hybrid	Bermuda	1	—	—	N.Y.
<i>Lathyrus odoratus</i> (sweetpea)	do.	1	—	—	N.Y.
<i>Lycoris aurea</i> (bulb)	Japan	—	—	2	Calif., * N.Y.
<i>L. sprengeri</i> (bulb)	do.	—	—	1	N.Y.
<i>L. squamiger</i> (bulb)	do.	—	—	6	Calif., * N.Y.
<i>Lycoris</i> sp. (bulb)	do.	—	—	4	Calif., *
<i>Narcissus tazetta</i> (polyanthus narcissus)	Formosa	—	—	1	Hawaii.
<i>Taeniothrips hawaiiensis</i> (Morg.) (Thripidae):					
<i>Dendrobium superbum</i> (orchid)	Hawaii	1	—	—	Hawaii.
Flowers—mixed	do.	—	1	—	N.Y.
<i>Gardenia jasminoides</i>	Australia, Hawaii	54	1	—	Hawaii.
<i>G. taitensis</i>	Hawaii	1	—	—	Calif. *
Orchid	do.	2	—	—	Hawaii.
<i>Oryza sativa</i> (rice)	Ceylon	1	—	—	Hawaii.
<i>Plumeria rubra</i> (Mexican frangipani)	Hawaii	1	—	—	Hawaii.
<i>Plumeria</i> sp.	do.	2	—	—	Hawaii.
<i>Polianthes tuberosa</i> (tuberose)	do.	1	—	—	Hawaii.
<i>Rosa</i> hybrid	Australia	—	1	—	Hawaii.
<i>Strongylodon macrobotrys</i>	Hawaii	1	—	—	Hawaii.
<i>Taeniothrips vitticornis</i> (Karny) (Thripidae):					
<i>Canavalia microcarpa</i>	do.	1	—	—	Hawaii.
Wood—unidentified	Philippines	1	—	—	Hawaii.
<i>Talponia batesi</i> Hein. (Olethreutidae):					
<i>Annona cherimola</i> (cherimoya)	Mexico	3	—	—	Calif., Tex.
<i>Taphropeltus contractus</i> Herrich-Schaeffer (Lygaeidae):					
<i>Fragaria</i> sp. (strawberry)	France	—	—	1	N.Y.
<i>Targionia glomerata</i> (Green) (Coccidae):					
<i>Saccharum</i> sp.	India	—	—	1	D.C.
" <i>Targionia</i> " <i>hartii</i> (Ckll.) (Coccidae):					
<i>Arum</i> sp.	Dominican Republic	1	—	—	N.Y.
<i>Dioscorea</i> sp. (yam)	Anguilla, Cuba, St. Lucia	3	—	—	Fla., N.Y., P.R.
<i>Zingiber officinale</i> (ginger)	Federation of Malaya, Fiji, unknown	4	—	—	Calif., * Ill., Mass., Wash.
" <i>Targionia</i> " <i>sacchari</i> (Ckll.) (Coccidae):					
<i>Cymbopogon citratus</i> (lemongrass)	Puerto Rico	—	—	1	D.C.
<i>Saccharum officinarum</i> (sugarcane)	Barbados	1	—	—	N.Y.
<i>Saccharum</i> spp.	Cuba	—	—	1	D.C.
<i>Targionia ritis</i> (Sign.) (Coccidae):					
<i>Vitis</i> sp. (grape) cutting	Italy	—	—	1	N.Y.
<i>Tayloriylgus pallidulus</i> (Blanch.) (Miridae):					
<i>Cucumis sativus</i> (cucumber)	Mexico	1	—	—	Ariz.
<i>Tenthoris bicolor</i> Scott (Miridae):					
Orchid	British Honduras, Mexico	—	—	2	Fla., Tex.
<i>Tenthoris confusus</i> Hsiao & Sailer (Miridae):					
Orchid	British Honduras, El Salvador	—	—	2	Fla.

Pests Collected and Reported From July 1, 1960, Through June 30, 1961—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Tenthecoris distinctus</i> Hsiao & Sailer (Miridae):					
<i>Amaryllis</i> sp.	Peru			1	Fla.
Orchid	Mexico, Peru			2	Fla., Tex.
<i>Tenthecoris vestitus</i> (Dist.) (Miridae):					
<i>Oncidium</i> sp. (orchid) leaf	Nicaragua			1	Fla.
<i>Tenuipalpus japonicus</i> Ehara (Tenuipalpidae):					
<i>Diospyros</i> sp. (persimmon)	Japan	1			Wash.
<i>Tenuipalpus pacificus</i> Baker (Tenuipalpidae):					
<i>Phalaenopsis</i> sp. (orchid)	Philippines			1	Hawaii.
<i>Vandopsis</i> sp. (orchid)	do			1	Hawaii.
<i>Tenuirostritermes cinereus</i> (Buckley) (Termitidae):					
Railway car	Mexico		1		Tex.
<i>Termes hispaniolae</i> (Banks) (Termitidae):					
<i>Schomburgkia</i> sp. (orchid)	Grand Cayman			1	Fla.
<i>Tetranychus cinnabarinus</i> (Bois.) (Tetranychidae):					
<i>Citrus limon</i> (lemon)	Italy	1			N. Y.
<i>Rosa</i> hybrid (rose) leaf	Argentina		1		Fla.
<i>Tetranychus ludeni</i> Zacher (Tetranychidae):					
<i>Citrus limon</i> (lemon)	Italy	1			N. Y.
<i>Tetranychus neocalidonicus</i> Andre (Tetranychidae):					
<i>Arum</i> sp.	Hawaii			1	Hawaii.
<i>Tetranychus viennensis</i> Zacher (Tetranychidae):					
<i>Malus sylvestris</i> (apple)	Germany, Japan, unknown	1	2		Fla., N. C., Wash.
<i>Tetrapriocera longicornis</i> (Ol.) (Bostriichidae):					
Wood (crate)	Cuba	4			Fla.
<i>Thaumatomyia notata flavifrons</i> Macq. (Chloropidae):					
Airplane	Morocco	1			Fla.
<i>Theba pisana</i> (Müller) (Helicidae):					
<i>Anthemis</i> sp. (camomile)	Spain	1			P. R.
<i>Beta vulgaris</i> (beet)	Unknown		1		Mich.
<i>Brassica oleracea</i> var. <i>capitata</i> (cabbage)	France, Italy		2		N. Y., Va.
<i>Citrus sinensis</i> (sweet orange)	Morocco		1		S. C.
<i>Lactuca sativa</i> (lettuce)	France, Italy		2		N. Y.
<i>L. sativa</i> var. <i>longifolia</i> (romaine lettuce)	France		1		N. Y.
Military cargo	France, Italy, Libya, Morocco, Spain, Turkey, unknown	54			La., N. Y., N. C., S. C.
Mollusks	France		1		N. Y.
Quarters	Spain		1		Va.
<i>Thrips angusticeps</i> Uzel (Thripidae):					
<i>Cynara scolymus</i> (artichoke)	Spain	1			N. Y.
<i>Lactuca sativa</i> (lettuce)	England, unknown		3		N. Y.
<i>Thrips flavus</i> Schrank (Thripidae):					
<i>Althaea</i> sp.	France			1	N. J.
<i>Calluna vulgaris</i> (heather)	Scotland	1		1	Mass., N. Y.
<i>Chrysanthemum morifolium</i>	Japan, unknown	1	1		Mass., Hawaii.
Flowers—mixed	Germany, Scotland	2			N. Y.
<i>Gladiolus</i> hybrid	Hungary	1			N. Y.
<i>Paeonia suffruticosa</i> (tree peony)	Japan			1	N. J.
Plant—unidentified	Netherlands			5	N. J.
<i>Rosa</i> hybrid	Denmark, Germany	3	1		Ill., N. Y.
Soil sample	Ireland	1			N. Y.
<i>Thrips imaginis</i> Bgn. (Thripidae):					
Flowers—mixed	Australia	1	1		Hawaii.
<i>Gladiolus</i> hybrid	do	1			Hawaii.
<i>Thrips major</i> Uzel (Thripidae):					
<i>Calluna vulgaris</i> (heather) cut flower	Germany	1			Ill.
<i>Convallaria majalis</i> (lily-of-the-valley)	Unknown		1		N. Y.
<i>Ficus carica</i> (fig)	Italy	1			Mass.
Flowers—mixed	Denmark, Scotland	2			N. Y.
<i>Rosa</i> hybrid	Azores, England, France, Germany	8		1	Ill., Mass., N. Y.
<i>Thyanta pallidovirens</i> (Stal) (Pentatomidae):					
<i>Chrysanthemum</i> sp.	Mexico	1			Tex.
<i>Thysanococcus chinensis</i> Stickney (Coccidae):					
<i>Calamus</i> sp. (rattan palm)	Australia	1			Calif.*

Pests Collected and Reported From July 1, 1960, Through June 30, 1961—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Toxoptera citricidus</i> (Kirk.) (Aphidae):					
Leaf	Hawaii	1			Hawaii
<i>Trialeurodes vitrinellus</i> Ckll. (Aleyrodidae):					
Citrus sp. (leaf)	Mexico	1			Tex.
<i>Trionymus lounsburyi</i> (Brain) (Coccidae):					
<i>Crassula marnierana</i>	Netherlands			1	D.C.
<i>Trionymus sacchari</i> (Ckll.) (Coccidae):					
<i>Saccharum officinarum</i> (sugarcane)	Cuba, Hawaii, Mexico, Peru	3		3	D.C., Fla., Hawaii, Tex.
<i>Saccharum</i> sp.	Barbados, Cuba, Hawaii			3	D.C.
<i>Trogoderma granarium</i> Everts (Dermestidae):					
<i>Acacia senegal</i> (gum arabic)	Sudan, United Arab Republic	29			Mass., N.Y.
<i>Anogeissus latifolia</i> (gum ghatti)	India	3			N.Y.
<i>Apium graveolens</i> (celery) seed	do	4			N.Y., N.C.
<i>Arachis hypogaea</i> (peanut)	Nigeria, Senegal, unknown		3		Ohio, Tex.
Bagging (including used burlap and wrappers on cinnamon, cotton waste, gum karaya, guar gum, pigeonpea, rice, stores, etc.)	Ceylon, England, India, Mozambique, Netherlands, Pakistan, Singapore, Sudan, Thailand, United Arab Republic, unknown	26	15		Ga., Md., N.Y., N.C., Pa., S.C., Tex.
<i>Cicer arietinum</i> (chickpea)	India		2		Md., Va.
<i>Cinnamomum</i> sp.	Ceylon	4			N.Y.
<i>Corylus avellana</i> (filbert) nut	Kuwait	1			Mass.
<i>Cuminum cyminum</i> (cumin) seed	India	1			N.Y.
<i>Cyamopsis tetragonoloba</i> (guar gum)	India, Pakistan	10			N.Y., N.C., S.C.
Debris	Unknown		1		Ill.
Food—miscellaneous	India		1		Wash.
<i>Gossypium</i> sp. (cottonseed)	do			1	D.C.
Gum—unidentified	India, Sudan	2			N.Y.
Karaya gum	India, Pakistan	7			N.Y., N.C.
<i>Manihot esculenta</i> (common cassava)	Singapore		1		N.Y.
<i>Oryza sativa</i> (rice)	China, Formosa, Hong Kong, India, Iraq, Japan, Korea, Pakistan, Philippines(?), Thailand, United Arab Republic, unknown	1	18		Calif.,* Fla., Hawaii, Mass., N.Y., N.C., Pa., Tex.
<i>Palaequium gutta</i> (gutta-percha)	Nigeria	1			N.Y.
<i>Phaseolus lunatus</i> (lima bean)	India		1		N.C.
<i>Phaseolus</i> sp. (bean) dry	Formosa		1		Calif.*
<i>Pistacia</i> sp. (pistache) nut	Pakistan	3			N.Y.
<i>Pisum sativum</i> (pea)	Greece		1		La.
Quarters (hold of ship)	Unknown		8		Calif.,* Ill., Mich., S.C.
<i>Secale cereale</i> (rye) straw	France	1			Mass.
Stores (including bean, chickpea, corn, flour, grits, lentil, macaroni, noodles, pigeonpea, sesame seed, soybean, and miscellaneous dry stores)	Formosa, Germany, Greece, Hong Kong, India, Italy, Japan, Netherlands(?), Singapore, United Arab Republic, unknown		37		Calif.,* La., Md., Mich., N.Y., N.C., Pa., S.C., Tex.
<i>Terminalia</i> sp. (myrobalan)	India	13	1		Md., N.Y., S.C., Va.
<i>Triticum aestivum</i> (wheat)	do	1			Va.
<i>Zingiber officinale</i> (ginger)root	Federation of Malaya, Singapore	2			N.Y.
<i>Trogozylon aequale</i> (Woll.) (Lyctidae):					
Wood—unidentified	Philippines	2			Ala., Hawaii
<i>Trogozylon prostomoides</i> (Gorh.) (Lyctidae):					
<i>Suietenia mahagoni</i> (mahogany) bowl	Haiti	1			Fla.
<i>Tropidacris latreillei</i> (Perty) (Acrididae):					
Baggage (in envelope)	Trinidad	1			Fla.
Quarters (deck of ship)	Unknown		1		Pa.

Pests Collected and Reported From July 1, 1960, Through June 30, 1961—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Tyrophagus oudemansi</i> Robertson (Acaridae):					
<i>Calluna vulgaris</i> (heather).....	Scotland.....			1	N.Y.
<i>Daucus carota</i> var. <i>sativa</i> (carrot).....	Germany.....		1		Fla.
<i>Fragaria</i> sp. (strawberry).....	France.....			1	N.Y.
<i>Tyrophagus tropicus</i> Robertson (Acaridae):					
<i>Nephrolepis exaltata</i> (common swordfern).....	Hawaii.....			1	Hawaii.
<i>Udea ferrugalis</i> (Hbn.) (Pyraustidae):					
<i>Solanum melongena</i> (eggplant).....	Italy.....		1		N.Y.
<i>Unaspis citri</i> (Comst.) (Coccidae):					
<i>Citrus aurantifolia</i> (lime).....	Brazil, Cuba, Panama	2	2		Calif., * Fla.
<i>C. aurantium</i> (sour orange).....	Japan.....		1		Calif., *
<i>C. aurantium</i> var.....	do.....		2		Calif., *
<i>C. ichangensis</i> x <i>C. reticulata</i> (ichandarin).....	do.....		1		Calif., *
<i>C. paradisi</i> (grapefruit).....	Panama (?), West Indies.		2		Calif., *
<i>C. reticulata</i> (Mandarin orange).....	Japan.....		1		Calif., *
<i>C. sinensis</i> (sweet orange).....	Brazil, Cuba, Haiti, Mexico.	5	3		Calif., * Fla., N.C.
<i>Unaspis yanonensis</i> (Kuw.) (Coccidae):					
<i>Citrus aurantifolia</i> (lime).....	Japan, Philippines.....	2	7		Calif., * Hawaii.
<i>C. aurantium</i> (sour orange).....	Japan.....	1	31		Calif., *
<i>C. aurantium</i> var.....	do.....		2		Calif., *
<i>C. ichangensis</i> var. (ichang bitter-orange).....	do.....		6		Calif., *
<i>C. ichangensis</i> x <i>C. reticulata</i> (ichandarin).....	do.....		1		Calif., *
<i>C. limon</i> (lemon).....	do.....		17		Calif., *
<i>C. paradisi</i> (grapefruit).....	do.....	2	12		Calif., * Hawaii.
<i>C. paradisi</i> x <i>C. reticulata</i> (tangelo).....	do.....	1	1		Hawaii.
<i>C. reticulata</i> (Mandarin orange).....	do.....	39	168		Calif., * Hawaii, N.Y.
<i>C. reticulata</i> hybrid (King orange).....	do.....	1	3		Hawaii.
<i>C. sinensis</i> (sweet orange).....	Japan, Philippines.....	9	161		Calif., * Hawaii, N.Y., Pa.
<i>Citrus</i> sp.....	Japan.....		3		Calif., * Hawaii.
<i>Valtissius diversus</i> (Dist.) (Lygaeidae):					
Orchid.....	Canal Zone, Guatemala.....			2	Fla.
<i>Veronicella moreleti</i> (Crosse & Fischer) (?) (Veronicellidae):					
Plant—unidentified.....	Costa Rica.....			1	Fla.
<i>Vinsonia stellifera</i> (Westw.) (Coccidae):					
<i>Achras zapota</i> (sapodilla) leaf.....	Cuba.....	1			Fla.
<i>Brassia caudata</i> (orchid).....	Canal Zone.....			1	Wash.
<i>Brassia</i> sp.....	Honduras, Jamaica.....			2	Fla.
<i>Broughtonia</i> sp. (orchid).....	Jamaica.....			11	Fla.
<i>Citrus</i> sp. (leaf).....	Dominican Republic.....	1			N.Y.
<i>Cocos nucifera</i> (coconut) frond.....	Trinidad.....	2			Am. V.I.
<i>Epidendrum atropurpureum</i> (orchid).....	Costa Rica.....			1	Fla.
<i>E. fragrans</i>	Trinidad.....			1	Fla.
<i>E. stamfordianum</i>	Canal Zone.....			1	Fla.
<i>Heliconia</i> sp. (leaf).....	Haiti, unknown.....	2			Fla., N.Y.
<i>Lycaste</i> sp. (orchid).....	Venezuela.....			1	Fla.
<i>Oncidium powellii</i> (orchid).....	Canal Zone.....			1	Calif., *
<i>Oncidium</i> sp.....	Ecuador.....			1	Fla.
Orchid.....	American Virgin Islands, Antigua, Bahamas, British Guiana, British Honduras, Canal Zone, Cuba, Dominica, Honduras, Jamaica, Kenya, Mexico, Nicaragua, Panama, Peru, Trinidad, unknown.			33	Calif., * Fla., La., N.Y., P.R.
<i>Trigonidium</i> sp. (orchid).....	British Honduras.....			1	Fla.
<i>Xiphidopsis lita</i> Heb. (Tettigoniidae):					
<i>Cymbidium</i> sp. (orchid).....	Hawaii.....	1			Hawaii.

Pests Collected and Reported From July 1, 1960, Through June 30, 1961—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of in- terceptions in—			Collected in—
		Consump- tion	Nonentry	Propaga- tion	
<i>Xiphistes furcicornis</i> (Germ.) (Membracidae): Vitis sp. (grape).....	Republic of South Africa.....	1	-----	-----	N. Y.
<i>Xylobiops parilis</i> Lesne (Bostrichidae): Orchid.....	Mexico.....	-----	-----	1	Tex.
<i>Xylobiops sextuberculatus</i> (LeC.) (Bostrichidae): Debris.....	do.....	-----	1	-----	Tex.
<i>Xylomeira torquata</i> (F.) (Bostrichidae): Airplane.....	Unknown.....	-----	1	-----	P. R.
<i>Xylopsocus castanoptera</i> (Fairm.) (Bostrichidae): Airplane.....	Japan (?).....	-----	1	-----	Hawaii.
<i>Zeadiatraea lineolata</i> (Wlk.) (Crambidae): Zea mays (corn).....	Honduras.....	1	-----	-----	Fla.
<i>Zetha charesi</i> (Bol.) (Polyphagidae): Straw (jacket).....	Azores.....	1	-----	-----	Mass.

Hosts and Insects

ACACIA:

- Mimosastes sallaei* (Coleoptera)
Trogoderma granarium (Coleoptera)

ACER:

- Aceria macrorhynchus* (Acarina)
Chrysomphalus inopinat (Homoptera)
Lecanium coryli (Homoptera)
Periphyllus aceris (Homoptera)

ACHRAS:

- Vinsonia stellifera* (Homoptera)

AGAVE:

- Aegiale hesperiaris* (Lepidoptera)
Batrachedra linaria (Lepidoptera)
Chrysomphalus agavis (Homoptera)
Gymnococcus agavium (Homoptera)
Ligyrocoris nitidulus (Hemiptera)
Nysius tenellus (Hemiptera)
Pseudischinaspis bowreyi (Homoptera)

ALLIUM CEPA:

- Aceria tulipae* (Acarina)
Ecpanttheria icasia (Lepidoptera)
Myzus ascalonicus (Homoptera)

ALLIUM PORRUM:

- Acrolepia assectella* (Lepidoptera)

ALLIUM SATIVUM:

- Aceria tulipae* (Acarina)
Brachycerus algirus (Coleoptera)
Dyspessa ulula (Lepidoptera)
Plusia orichalcea (Lepidoptera)

ALOCASIA:

- Pentaltionia nigronevosa* (Homoptera)

ALPINIA:

- Adoretus sinicus* (Coleoptera)
Bradybaena similis (Mollusca)
Pentaltionia nigronevosa (Homoptera)
Pheidole megacephala (Hymenoptera)
Pulvinaria psidii (Homoptera)
Siphanta acuta (Homoptera)

ALTHAEA:

- Thrips flavus* (Thysanoptera)

ALYXIA:

- Ceroplastes rubens* (Homoptera)

AMARYLLIS:

- Euborellia stali* (Dermaptera)
Taeniothrips gracilis (Thysanoptera)
Tentecoris distinctus (Hemiptera)

ANACHARIS:

- Pheidole megacephala* (Hymenoptera)

ANANAS:

- Alpheias conspirata* (Lepidoptera)
Pheidole megacephala (Hymenoptera)
Platynota rostrana (Lepidoptera)
Ribua innoxia (Lepidoptera)

ANNONA:

- Anastrepha ludens* (Diptera)
Aspidiotus destructor (Homoptera)
Bephra maculicollis (Hymenoptera)
Brevipalpus phoenicis (Acarina)
Cerconota anonella (Lepidoptera)
Talponia batesi (Lepidoptera)

ANOGEISSUS:

- Trogoderma granarium* (Coleoptera)

ANTHEMIS:

- Helicella variabilis* (Mollusca)
Sterrhia inquinata (Lepidoptera)
Theba pisana (Mollusca)

ANTHURIUM:

- Bradybaena similis* (Mollusca)
Ceroplastes rubens (Homoptera)
Chrysomphalus umboniferus (Homoptera)
Orthesia praelonga (Homoptera)
Perkinsiella saccharicida (Homoptera)
Siphanta acuta (Homoptera)

APIUM:

- Euleia heraclei* (Diptera)
Trogoderma granarium (Coleoptera)

ARACHIS:

- Caryedon gonagra* (Coleoptera)
Trogoderma granarium (Coleoptera)

ARAUCARIA:

- Eriococcus araucariae* (Homoptera)
Neophyllaphis araucariae (Homoptera)
 "Pseudoparlatoria" giffardi (Homoptera)

ARECA:

- Dacus dorsalis* (?) (Diptera)

ARTOCARPUS:

- Eutetranychus banksi* (Acarina)

ARUM:

- "Targionia" hartii (Homoptera)
Tetranychus neocaledonicus (Acarina)

ASIMINA:

- Ceratitidis capitata* (Diptera)

ASTER:

- Myzus ascalonicus* (Homoptera)

BAMBOO:

- Asterolecanium milaris robustum* (Homoptera)
Cryptoblabes gnidiella (Lepidoptera)
Dinoderus brevis (Coleoptera)
Minthea rugicollis (Coleoptera)
Myelobia smerinthus (Lepidoptera)

BAMBUSA:

- Asterolecanium bambusae* (Homoptera)
Heterobostrychus aequalis (Coleoptera)

BARRINGTONIA:

- Ectomyelois ceratoniae* (Lepidoptera)

BASELLA:

- Pseudococcus neobrevipes* (Homoptera)

BETA:

- Gnorimoschema ocellatella* (Lepidoptera)
Theba pisana (Mollusca)

BETULA:

- Eriophyes leionotus* (Acarina)

BIFRENARIA:

- Asterolecanium epidendri* (Homoptera)

BORASSUS:

- Dinoderus brevis* (Coleoptera)

BRASSIA:

- Vinsonia stellifera* (Homoptera)
 BRASSICA OLERACEA VAR. BOTRYTIS:
Evergestis forficalis (Lepidoptera)
Helix aperta (Mollusca)
Limax marginatus (Mollusca)
Mamestra brassicae (Lepidoptera)
Otala lactea (Mollusca)
Phytomyza rufipes (Diptera)

BRASSICA OLERACEA VAR. CAPITATA:

- Ecpanttheria eridanus* (Lepidoptera)
Epilachna 28-punctata (Coleoptera)
Helicella itala (Mollusca)
Helix aperta (Mollusca)
Hellula undalis (Lepidoptera)
Limax marginatus (Mollusca)
L. maximus (Mollusca)
Mamestra brassicae (Lepidoptera)
Monacha carthusiana (Mollusca)
Phytomyza rufipes (Diptera)
Pieris brassicae (Lepidoptera)
Theba pisana (Mollusca)

BRASSICA RAPA:

- Phytomyza rufipes* (Diptera)

BRASSICA SP.:

- Mamestra brassicae* (Lepidoptera)
Nysius raphanus (Hemiptera)

BROMELIA:

- Isorhinus undatus* (Coleoptera)

BROMELIAD:

- Agroiconota propinqua* (Coleoptera)
Arphnus melanotylus (Hemiptera)
Chrysomphalus umboniferus (Homoptera)
Clerada apicicornis (Hemiptera)
Cyrtomenus bergi (Hemiptera)
Dallasiellus orchidophilus (Hemiptera)
Dysdercus minus (Hemiptera)
Iridomyrmex iniquus (Hymenoptera)
I. leucomelas (Hymenoptera)
Nasutitermes ephratae (Isoptera)
N. nigriceps (Isoptera)
Neolobophora ruficeps (Dermaptera)
Nudur fractibittarum (Lepidoptera)
Ogdocoesta biannularis (Coleoptera)
Paragonatas divergens (Hemiptera)
Pheidole megacephala (Hymenoptera)
Polyglypta costata (Homoptera)
Pseudoparlatoria ostreata (Homoptera)
Rhynchoterms nasutissimus (Isoptera)
Subulina octona (Mollusca)

BROSIMUM:

- Chrysomphalus personatus* (Homoptera)

BROUGHTONIA:

- Asterolecanium epidendri* (Homoptera)
Vinsonia stellifera (Homoptera)

Hosts and Insects—Continued

- BUXUS:**
Eriophyes canestrinii (Acarina)
- CACTUS:**
Amitermes wheeleri (Isoptera)
Aulacosecis melanocera (Coleoptera)
Camirus moestus (Coleoptera)
Lepidosaphes philococcus (Homoptera)
Orychilus alliaris (Mollusca)
Plagiomorpha scabricula (Coleoptera)
- CALANUS:**
Ancylostomia stercorea (Lepidoptera)
Callosobruchus analis (Coleoptera)
Epinotia aporema (Lepidoptera)
Maruca testulalis (Lepidoptera)
- CALAMUS:**
Thysanococcus chinensis (Homoptera)
- CALLIANDRA:**
Pheidole megacephala (Hymenoptera)
- CALLISTEPHUS:**
Taeniothrips atratus (Thysanoptera)
- CALLUNA:**
Aphis callunae (Homoptera)
Gelechia ericetella (Lepidoptera)
Limothrips denticornis (Thysanoptera)
Taeniothrips atratus (Thysanoptera)
T. ericae (Thysanoptera)
Thrips flavus (Thysanoptera)
T. major (Thysanoptera)
Tyrophagus oudemansi (Acarina)
- CALOCARPUM:**
Anastrepha mombinpraeoptans (Diptera)
A. serpentina (Diptera)
Chrysomphalus odontoglossi (Homoptera)
C. personatus (Homoptera)
- CALOCHORTUS:**
Pentalonia nigronervosa (Homoptera)
- CALOPHYLLUM:**
Dacus dorsalis (Diptera)
- CAMELLIA:**
Aleurotrachelus camelliae (Homoptera)
Aspidiotus degeneratus (Homoptera)
Ceronema japonica (Homoptera)
Fiorinia theae (Homoptera)
Pinnaspis theae (Homoptera)
- CANANGA:**
Bemisia tabaci (Homoptera)
- CANAVALIA:**
Lampides boeticus (Lepidoptera)
Maruca testulalis (Lepidoptera)
Taeniothrips ritticornis (Thysanoptera)
- CAPSICUM:**
Ceratitis capitata (?) (Diptera)
Frankliniella sulphurea (?) (Thysanoptera)
Gnorimoschema gudmannella (Lepidoptera)
Pheidole megacephala (Hymenoptera)
Prodenia litura (Lepidoptera)
- CASSIA:**
Aganactes indecora (Lepidoptera)
Caryedon gonagra (Coleoptera)
Ectomyelois ceratoniae (Lepidoptera)
E. muriscis (Lepidoptera)
- CASTANEA:**
Hemimene juliana (Lepidoptera)
Laspeyresia splendana (Lepidoptera)
Ostrinia nubilalis (Lepidoptera)
- CATASETUM:**
Asterolecanium epidendri (Homoptera)
- CATTLEA:**
Asterolecanium epidendri (Homoptera)
Eurytoma orchidearum (Hymenoptera)
Pseudischnaspis alienus (Homoptera)
- CEDRUS:**
Megastigmus suspectus pinsapinis (Hymenoptera)
- CELOSIA:**
Cryptoblabes gnidiella (Lepidoptera)
- CEPHALOCEREUS:**
Puto mexicanus (Homoptera)
- CHAMAECYPARIS:**
Diaspis juniperi (Homoptera)
- CHAMAEDOREA:**
Asterolecanium inlabefactum (Homoptera)
Calyptoccephala marginipennis (Coleoptera)
Charidotis seminulum (Coleoptera)
Delolala guttata (Coleoptera)
Helicina strebeli (Mollusca)
- Labia arcuata* (Dermaptera)
Parisiscoenus expositus (Coleoptera)
P. flavolimbatus (Coleoptera)
- CHAMAEROPS:**
Dactylotrypes uytenboogaarti (Coleoptera)
- CHRYSANTHEMUM:**
Bryobia chary (Acarina)
Conotelus mexicanus (Coleoptera)
Frankliniella formosae (Thysanoptera)
Lygus lineolaris (Hemiptera)
Nysius tenellus (Hemiptera)
Ostrinia nubilalis (Lepidoptera)
Phytomyza atricornis (Diptera)
Stephanitis pyri (Hemiptera)
Taeniothrips distalis (Thysanoptera)
Thrips flavus (Thysanoptera)
Thyanta pallidovirens (Hemiptera)
- CHRYSOPHYLLUM:**
Anastrepha serpentina (Diptera)
- CIBOTIUM:**
Pheidole megacephala (Hymenoptera)
- CICER:**
Bruchus tristiculus (Coleoptera)
Trogoderma granarium (Coleoptera)
- CICHORIUM:**
Phytomyza rufipes (Diptera)
- CINNAMOMUM:**
Trogoderma granarium (Coleoptera)
- CITRUS AURANTIFOLIA:**
Aleurocanthus woglumi (Homoptera)
Anastrepha ludens (Diptera)
Chrysomphalus personatus (Homoptera)
Morganella longispina (Homoptera)
Parlatoria cinerea (Homoptera)
P. zizyphus (Homoptera)
Pseudonidia trilobitiformis (Homoptera)
Unaspis citri (Homoptera)
U. yanonensis (Homoptera)
- CITRUS AURANTIUM:**
Aleurocanthus spiniferus (Homoptera)
Aleurotuberculatus aucubae (Homoptera)
Anastrepha ludens (Diptera)
Pulvinaria aurantii (Homoptera)
Unaspis citri (Homoptera)
U. yanonensis (Homoptera)
- CITRUS AURANTIUM VAR.:**
Unaspis citri (Homoptera)
U. yanonensis (Homoptera)
- CITRUS GRANDIS:**
Morganella longispina (Homoptera)
Parlatoria cinerea (Homoptera)
P. zizyphus (Homoptera)
- CITRUS ICHANGENSIS VAR.:**
Unaspis yanonensis (Homoptera)
- CITRUS ICHANGENSIS X C. RETICULATA:**
Unaspis citri (Homoptera)
U. yanonensis (Homoptera)
- CITRUS LIMON:**
Aonidiella citrina (Homoptera)
Brevipalpus chilensis (Acarina)
B. obovatus (Acarina)
Ceratitis capitata (Diptera)
Cryptoblabes gnidiella (Lepidoptera)
Fiorinia proboscidea (Homoptera)
Lorryia formosa (Acarina)
L. mali (Acarina)
Parlatoria cinerea (Homoptera)
P. zizyphus (Homoptera)
Pseudonidia trilobitiformis (Homoptera)
Pseudococcus gahani (Homoptera)
Tetranychus cinnabarinus (Acarina)
T. ludeni (Acarina)
Unaspis yanonensis (Homoptera)
- CITRUS PARADISI:**
Anastrepha ludens (Diptera)
Aonidiella citrina (Homoptera)
Brevipalpus phoenicis (Acarina)
Ceratitis capitata (Diptera)
Morganella longispina (Homoptera)
Parlatoria cinerea (Homoptera)
P. zizyphus (Homoptera)
Unaspis citri (Homoptera)
U. yanonensis (Homoptera)
- CITRUS PARADISI X C. RETICULATA:**
Unaspis yanonensis (Homoptera)

Hosts and Insects—Continued

CITRUS RETICULATA:

- Aleurotuberculatus aucubae* (Homoptera)
- Brevipalpus obovatus* (Acarina)
- B. phoenicis* (Acarina)
- Ceratitis capitata* (Diptera)
- Morganella longispina* (Homoptera)
- Parlatoria cinerea* (Homoptera)
- P. zizyphus* (Homoptera)
- Pseudococcus citriculus* (Homoptera)
- Unaspis citri* (Homoptera)
- U. yanonensis* (Homoptera)

CITRUS RETICULATA HYBRID:

- Unaspis yanonensis* (Homoptera)

CITRUS SINENSIS:

- Aleurocanthus woglumi* (Homoptera)
- Aleurolobus marlatti* (Homoptera)
- Aleurotuberculatus aucubae* (Homoptera)
- Anastrepha ludens* (Diptera)
- Aonidiella citrina* (Homoptera)
- Aspidiotus destructor* (Homoptera)
- A. palmae* (Homoptera)
- Bemisia citricola* (Homoptera)
- Brevipalpus phoenicis* (Acarina)
- Ceratitis capitata* (Diptera)
- Chrysomphalus personatus* (Homoptera)
- Cryptolobus gnidiella* (Lepidoptera)
- Ectomyelois ceratoniae* (Lepidoptera)
- Morganella longispina* (Homoptera)
- Parlatoria cinerea* (Homoptera)
- P. zizyphus* (Homoptera)
- Pseudonidia trilobitiformis* (Homoptera)
- Pseudischinaspis longissima* (Homoptera)
- Theba pisana* (Mollusca)
- Unaspis citri* (Homoptera)
- U. yanonensis* (Homoptera)

CITRUS SINENSIS X PONCIRUS

TRIFOLIATA:

- Aonidiella citrina* (Homoptera)

CITRUS SP.:

- Aleurocanthus woglumi* (Homoptera)
- Aonidiella citrina* (Homoptera)
- Coccus viridis* (Homoptera)
- Dialeurodes citrifolii* (Homoptera)
- Parlatoria zizyphus* (Homoptera)
- Trialeurodes vitrinellus* (Homoptera)
- Unaspis yanonensis* (Homoptera)
- Vinsonia stellifera* (Homoptera)

COCOLOBA:

- Pheidole megacephala* (Hymenoptera)

COCOS:

- Aspidiotus destructor* (Homoptera)
- A. excisus* (Homoptera)
- A. palmae* (Homoptera)
- A. pangoensis* (Homoptera)
- Blastobasis inana* (Lepidoptera)
- Chrysomphalus albopictus* (Homoptera)
- Diocalandra taitensis* (Coleoptera)
- Fiorinia theae* (Homoptera)
- Furcaspis oceanica* (Homoptera)
- Pheidole megacephala* (Hymenoptera)
- Pinnaspis buzi* (Homoptera)
- Pseudococcus coccis* (tentative) (Homoptera)
- P. palmarum* (Homoptera)
- Vinsonia stellifera* (Homoptera)

CODIAEUM:

- Lepidosaphes tokionis* (Homoptera)
- Parlatoria crotonis* (Homoptera)
- Selenothrips rubrocinctus* (Thysanoptera)

COFFEA:

- Auzimobasis coffeella* (Lepidoptera)
- Brevipalpus phoenicis* (Acarina)
- Ceratitis capitata* (Diptera)
- Coccus alpinus* (Homoptera)
- C. viridis* (Homoptera)
- Ectomyelois ceratoniae* (Lepidoptera)
- Leucoptera coffeella* (Lepidoptera)
- Stephanoderes hampei* (Coleoptera)

COLA:

- Ceratitis colae* (?) (Diptera)

COLOCASIA:

- Palpifer sercnotatus* (?) (Lepidoptera)

CONVALLARIA:

- Thrips major* (Thysanoptera)

CORDYLINE:

- Bradybaena similis* (Mollusca)
- Dacus dorsalis* (?) (Diptera)
- Pheidole megacephala* (Hymenoptera)
- Pinnaspis buzi* (Homoptera)
- Pseudococcus mali* (tentative) (Homoptera)

CORYLUS:

- Trogoderma granarium* (Coleoptera)

CRASSULA:

- Trionymus lounsburyi* (Homoptera)

CRATAEGUS:

- Grapholitha packardii* (Lepidoptera)

CRESCENTIA:

- Heterotermes cardini* (Isoptera)

CRINUM:

- Haplothrips gowdeyi* (Thysanoptera)

CROTALARIA:

- Pheidole megacephala* (Hymenoptera)

CRYPTOMERIA:

- Callidum rufipenne* (Coleoptera)
- Megastigmus cryptomeriae* (Hymenoptera)

CUCUMIS:

- Dacus cucurbitae* (Diptera)
- Dysdercus mimus* (Hemiptera)
- D. sulzerellus* (?) (Hemiptera)
- Ligyrocoris aurivilliana* (Hemiptera)
- Taylorilygus pallidulus* (Hemiptera)

CUCURBITA:

- Dacus cucurbitae* (Diptera)

CUMINUM:

- Trogoderma granarium* (Coleoptera)

CUPRESSUS:

- Callidum rufipenne* (Coleoptera)
- Forficula senegalensis* (Dermaptera)

CYAMOPSIS:

- Trogoderma granarium* (Coleoptera)

CYATHEA:

- Nasutitermes corniger* (Isoptera)

CYCAD:

- Diaspis zamiae* (Homoptera)

CYCAS:

- Pheidole megacephala* (Hymenoptera)

CYDONIA:

- Anastrepha ludens* (Diptera)
- Ceratitis capitata* (Diptera)
- Ectomyelois ceratoniae* (Lepidoptera)

CYMBIDIUM:

- Xiphidiopsis lita* (Orthoptera)

CYMBOPOGON:

- "Targionia" *sacchari* (Homoptera)

CYNARA:

- Anuraphis cardui* (Homoptera)
- Apion carduorum* (Coleoptera)
- Gortyna flavago* (Lepidoptera)
- Thrips angusticeps* (Thysanoptera)

CYNODON:

- Odonaspis ruthae* (Homoptera)

CYPRIPEDIUM:

- Puto ulter* (Homoptera)

DALBERGIA:

- Amitermes foreli* (Isoptera)
- Coptotermes niger* (Isoptera)
- C. testaceus* (Isoptera)
- Heterotermes convexinotatus* (Isoptera)
- Nasutitermes corniger* (Isoptera)
- Pheidole megacephala* (Hymenoptera)
- Subulitermes microsoma* (Isoptera)

DAUCUS:

- Phalonia zephyrana* (Lepidoptera)
- Tyrophagus oudemansi* (Acarina)

DENDROBIUM:

- Monomorium destructor* (Hymenoptera)
- Praeacdes thecophora* (Lepidoptera)
- Taeniothrips hawaiiensis* (Thysanoptera)

DIALIUM:

- Caryedon gonagra* (Coleoptera)

DIANTHUS:

- Arge ochropa* (Hymenoptera)
- Frankliniella formosae* (Thysanoptera)
- F. intonsa* (Thysanoptera)
- Stator pruinus* (Coleoptera)
- Taeniothrips atratus* (Thysanoptera)
- T. dianthi* (Thysanoptera)
- T. distalis* (Thysanoptera)

DIGITARIA:

- Antonina graminis* (Homoptera)

Hosts and Insects—Continued

DIOSCOREA:

- Neotermes castaneus* (Isoptera)
Palaeopus costicollis (Coleoptera)
 "Targionia" hartii (Homoptera)

DIOSPYROS:

- Lepidosaphes conchiformis* (Homoptera)
L. kuvacola (Homoptera)
L. yanagicola (Homoptera)
Pseudococcus gahani (Homoptera)
Tenuipalpus japonicus (Acarina)

DRACAENA:

- Cephaloleia pretiosa* (Coleoptera)

ENCEPHALARTOS:

- Diaspis zamiae* (Homoptera)

ENTEROLOBIUM:

- Ectomyelois muricis* (Lepidoptera)

EPIDENDRUM:

- Asterolecanium epidendri* (Homoptera)
Chrysomphalus umboniferus (Homoptera)
Conchaspis orchidarum (Homoptera)
Pseudischaspis alienus (Homoptera)
Puto mexicanus (Homoptera)
Vinsonia stellifera (Homoptera)

ERIOBOTRYA:

- Ceratitidis capitata* (Diptera)
Lepidosaphes punicea (Homoptera)
Specularius erythrinae (Coleoptera)

EUGENIA:

- Dacus dorsalis* (Diptera)

FICUS:

- Azochis gripusalis* (Lepidoptera)
Ceratitidis capitata (Diptera)
Ceroplastes rusci (Homoptera)
Drasterius bimaculatus (Coleoptera)
Ephestia calidella (Lepidoptera)
Homotoma ficus (Homoptera)
Lepidosaphes ficus (Homoptera)
Thrips major (Thysanoptera)

FOENICULUM:

- Anuraphis apiifoliae* (?) (Homoptera)

FRAGARIA:

- Cecilioides acicula* (Mollusca)
Euborellia plebeja (Dermaptera)
Rhyarochromus pini (Hemiptera)
Taphropeltus contractus (Hemiptera)
Tyrophagus oudeimansi (Acarina)

FUCHSIA:

- Brevipalpus obovatus* (Acarina)

GARCINIA:

- Stephanitis typica* (Hemiptera)

GARDENIA:

- Coccus viridis* (Homoptera)
Dialeurodes kirkaldyi (Homoptera)
Pealius hibisci (Homoptera)
Protopulvinaria pyrifloris (Homoptera)
Pseudonidia clavigera (Homoptera)
Pulvinaria psidii (Homoptera)
Taeniothrips hawaiiensis (Thysanoptera)

GENTIANA:

- Stenoptilia stigmatodactyla* (Lepidoptera)

GLADIOLUS:

- Euscelis plebejus* (Homoptera)
Frankliniella intonsa (Thysanoptera)
Monomorium destructor (Hymenoptera)
Taeniothrips atratus (Thysanoptera)
T. gracilis (Thysanoptera)
Thrips flavus (Thysanoptera)
T. imaginis (Thysanoptera)

GOSSYPIUM:

- Ceresium unicolor* (Coleoptera)
Pectinophora gossypiella (Lepidoptera)
Trogoderma granarium (Coleoptera)

HAKEA:

- Blissus diplopterus* (Hemiptera)

HAWORTHIA:

- Opogona sacchari* (Lepidoptera)

HEDYCHIUM:

- Pulvinaria psidii* (Homoptera)

HELICHRYSUM:

- Frankliniella intonsa* (Thysanoptera)
Haplothrips gowdeyi (Thysanoptera)

HELICONIA:

- Bradybaena similis* (Mollusca)
Eucalymnatus tessellatus (Homoptera)
Pentalonia nigronervosa (Homoptera)
Vinsonia stellifera (Homoptera)

HIBISCUS:

- Aceria hibisci* (Acarina)
Earias cupreoviridis (Lepidoptera)
Pectinophora gossypiella (Lepidoptera)
Pheidole megacephala (Hymenoptera)
Pseudonidia clavigera (Homoptera)

ILEX:

- Dialeurodes tristylis* (Homoptera)

IPOMOEA:

- Bradybaena similis* (Mollusca)
Cylas formicarius (Coleoptera)
C. formicarius elegantulus (Coleoptera)
C. formicarius formicarius (Coleoptera)
Euscepes porcellus (Coleoptera)
E. postfasciatus (Coleoptera)
Graptostethus manillensis (Hemiptera)
Megastes grandalis (Lepidoptera)
Pheidole megacephala (Hymenoptera)

IXORA:

- Brevipalpus phoenicis* (Acarina)
Coccus viridis (Homoptera)
Pheidole megacephala (Hymenoptera)
Pseudonidia trilobitiformis (Homoptera)

JASMINUM:

- Aonidiella comperi* (Homoptera)
Coccus viridis (Homoptera)
Dialeurodes kirkaldyi (Homoptera)
Lecanium corni (Homoptera)
Parlatoria cryphi (Homoptera)

JUGLANS:

- Ectomyelois ceratoniae* (Lepidoptera)
Solenopsis saevissima richteri (Hymenoptera)

JUNIPERUS:

- Acrontia rumicis* (Lepidoptera)
Diaspis minima (Homoptera)
Lepidosaphes newsteadi (Homoptera)
Pentamerismus oregonensis (Acarina)

KENTIA:

- Aspidiotus destructor* (Homoptera)
A. palmae (Homoptera)
Furcaspis haematochroa (Homoptera)

LABURNUM:

- Sparteus villosus* (Coleoptera)

LACTUCA:

- Athalia colibri* (Hymenoptera)
Conotelus mexicanus (Coleoptera)
Dicyphus annulatus (Hemiptera)
Haplothrips clarisetis (?) (Thysanoptera)
Helicella maritima (Mollusca)
H. variabilis (Mollusca)
Helix aperta (Mollusca)
H. aspersa (Mollusca)
Limax marginatus (Mollusca)
Macrosiphum formosanum (Homoptera)
Monacha cantiana (Mollusca)
Nysius huttoni (Hemiptera)
Otala lactea (Mollusca)
Phytomyza rufipes (Diptera)
Pieris brassicae (Lepidoptera)
Theba pisana (Mollusca)
Thrips angusticeps (Thysanoptera)

LAELIA:

- Puto uller* (Homoptera)

LANSIUM:

- Pheidole megacephala* (Hymenoptera)

LATHYRUS:

- Acanthothrips coriaceus* (Thysanoptera)
Bruchus affinis (Coleoptera)
B. emarginatus (Coleoptera)
B. tristictus (Coleoptera)
B. tristis (Coleoptera)
Frankliniella intonsa (Thysanoptera)
Pheidole megacephala (Hymenoptera)
Taeniothrips atratus (Thysanoptera)
T. gracilis (Thysanoptera)

LAURUS:

- Gynaikothrips ficorum* (Thysanoptera)

LAVANDULA:

- Taeniothrips atratus* (Thysanoptera)

LENS:

- Bruchus ervi* (Coleoptera)
B. lentis (Coleoptera)
B. signaticornis (Coleoptera)
Callosobruchus rhodesianus (Coleoptera)

LEUCADENDRON:

- Parlatoria pitlosori* (Homoptera)

Hosts and Insects—Continued

- LEUCAENA:**
Stator pruinus (Coleoptera)
- LILIUM:**
Frankliniella lilivora (Thysanoptera)
- LIPPIA:**
Brevipalpus obovatus (Acarina)
Frankliniella paucispinosa (Thysanoptera)
- LITCHI:**
Coccus viridis (Homoptera)
Cryptophlebia illepidia (Lepidoptera)
C. ombrodelta (Lepidoptera)
Dacus dorsalis (Diptera)
Pulvinaria psidii (Homoptera)
- LUPINUS:**
Bruchus tristis (Coleoptera)
- LYCASTE:**
Vinsonia stellifera (Homoptera)
- LYCOPERSICON:**
Dacus cucurbitae (Diptera)
Neoleucinodes elegantalis (Lepidoptera)
Pachybrachius albocinctus (Hemiptera)
- LYCORIS:**
Taeniothrips gracilis (Thysanoptera)
- MACADAMIA:**
Aspidiotus herculeanus (Homoptera)
Cryptophlebia illepidia (Lepidoptera)
- MALUS:**
Adoxophyes orana (Lepidoptera)
Argyresthia conjugella (Lepidoptera)
Carposina niponensis (Lepidoptera)
Ceratitidis capitata (Diptera)
Epidiopsis piricola (Homoptera)
Gnapholothia janthiana (?) (Lepidoptera)
Psylla mali (Homoptera)
Tetranychus viennensis (Acarina)
- MANGIFERA:**
Anastrepha ludens (Diptera)
A. mombinpraeoptans (Diptera)
Anidiella inornata (Homoptera)
Aulacaspis tubercularis (Homoptera)
Ceratitidis capitata (Diptera)
Chrysomphalus personatus (Homoptera)
Dacus dorsalis (Diptera)
Heterotermes convezinotatus (Isoptera)
Phenacaspis cockerelli (Homoptera)
Pseudodaonidia trilobitiformis (Homoptera)
Sternonchus mangiferae (Coleoptera)
- MANIHOT:**
Phyllophaga analis (Coleoptera)
Trogoderma granarium (Coleoptera)
- MEDICAGO:**
Conotelus mexicanus (Coleoptera)
- MENTHA:**
Brevipalpus obovatus (Acarina)
Phorodon menthae (Homoptera)
- METROSIDEROS:**
Siphanta acuta (Homoptera)
- MURRAYA:**
Aulacaspis crawii (Homoptera)
- MUSA:**
Automolis aetania (Lepidoptera)
Ceramidia viridis (Lepidoptera)
Ceratitidis capitata (?) (Diptera)
Cosmopolites sordidus (Coleoptera)
Dacus dorsalis (Diptera)
Epilachna borealis var. (Coleoptera)
Euglandina striata (Mollusca)
Metamasius hemipterus sericeus (Coleoptera)
Pheidole megacephala (Hymenoptera)
Platoceticus symmetrica (Lepidoptera)
Polytus mellerborgi (Coleoptera)
Porphyrophage iostoma (Mollusca)
Solaropsis montile (Mollusca)
- NARCISSUS:**
Stenotarsonemus laticeps (Acarina)
Taeniothrips gracilis (Thysanoptera)
- NECTANDRA:**
Platypus rugulosus (Coleoptera)
- NEPHELIUM:**
Dichocrocis punctiferalis (Lepidoptera)
- NEPHROLEPIS:**
Tyrophagus tropicus (Acarina)
- NERINE:**
Frankliniella schultzei (Thysanoptera)
- NERIUM:**
Aspidiotus destructor (Homoptera)
Conotelus mexicanus (Coleoptera)
Cryptoblabes gnidiella (Lepidoptera)
- NOLINA:**
Lepidosaphes philococcus (Homoptera)
- OCHROSIA:**
Dacus dorsalis (Diptera)
- ODONTOGLOSSUM:**
Puto ulter (Homoptera)
- OLEA:**
Dacus oleae (Diptera)
Prays oleellus (Lepidoptera)
- ONCIDIUM:**
Pseudischchnaspis alienus (Homoptera)
Puto ulter (Homoptera)
Tenthecoris vestitus (Hemiptera)
Vinsonia stellifera (Homoptera)
- OPHIPOGON:**
Pinnaspis caricis (Homoptera)
- OPUNTIA:**
Ceratitidis capitata (Diptera)
- ORCHID:**
Andrector salvini (Coleoptera)
Aspidiotus mendax (Homoptera)
A. palmae (Homoptera)
Asterolecanium epidendri (Homoptera)
Bradybaena similis (Mollusca)
Ceciloides acicula (Mollusca)
Chrysogramma octomaculata (Coleoptera)
Chrysomphalus opimus (tentative) (Homoptera)
C. umboniferus (Homoptera)
Cocconotus degeeri (Orthoptera)
Corimelaena palmeri (Hemiptera)
Deloyala guttata (Coleoptera)
Diorymerellus laevimargo (Coleoptera)
Doru albipes (Dermoptera)
Dysdercus andreae (Hemiptera)
Eobia bicolor (Hemiptera)
Eurytoma orchidearum (Hymenoptera)
Farinococcus guatemalensis (Homoptera)
Helix aspersa (Mollusca)
Insara tolteca (Orthoptera)
Iridomyrmex iniquus (Hymenoptera)
Lepidosaphes tuberculata (Homoptera)
Lincus rufospilatus (Coleoptera)
Mecolaenus carvalhoi (Hemiptera)
Microcerotermes exiguus (Isoptera)
Mormidea inermis (Hemiptera)
Myodocho longicollis (Hemiptera)
Nasutitermes corniger (Isoptera)
N. ephratae (Isoptera)
N. nigriceps (Isoptera)
Onychaspidium apicale (Diptera)
Orchidophilus aterrimus (Coleoptera)
Orychilus alliarius (Mollusca)
Pheidole megacephala (Hymenoptera)
Polyancistrus serrulatus (Orthoptera)
Pseudischchnaspis alienus (Homoptera)
Puto ulter (Homoptera)
Selenothrips rubrocinctus (Thysanoptera)
Sparedrus depressus (Coleoptera)
Taeniothrips hawaiiensis (Thysanoptera)
Tenthecoris bicolor (Hemiptera)
T. confusus (Hemiptera)
T. distinctus (Hemiptera)
Valtissius diversus (Hemiptera)
Vinsonia stellifera (Homoptera)
Xylobius parilis (Coleoptera)
- ORNITHOGALUM:**
Diaphone eumela (Lepidoptera)
Epichorista ionephela (Lepidoptera)
Ogogona sacchari (Lepidoptera)
- ORYZA:**
Calameuta idolon (Hymenoptera)
Chilo suppressalis (Lepidoptera)
Sesamia inferens (Lepidoptera)
Taeniothrips hawaiiensis (Thysanoptera)
Trogoderma granarium (Coleoptera)
- OSMANTHUS:**
Aleurotuberculatulus aucubae (Homoptera)
- PAEONIA:**
Callidium rufipenne (Coleoptera)
Thrips flavus (Thysanoptera)
- PALAUQUUM:**
Trogoderma granarium (Coleoptera)

Hosts and Insects—Continued

PALM:

- Aspidiotus destructor* (Homoptera)
- Asterolecanium simile* (Homoptera)
- Chrysomphalus sphaeroides* (Homoptera)
- Coccotrypes carpophagus* (Coleoptera)
- Pinnaspis buzi* (Homoptera)

PANDANUS:

- Aspidiotus destructor* (Homoptera)
- Pseudococcus giffardi* (Homoptera)

PELARGONIUM:

- Coccus viridis* (Homoptera)
- Corythucha melfreshi* (Hemiptera)

PERISTERIA:

- Asterolecanium epidendri* (Homoptera)

PERSEA:

- Chrysomphalus albopictus* (Homoptera)
- C. personatus* (Homoptera)
- Lamellazis gracilis* (Mollusca)
- Pseudocysta perseae* (Hemiptera)
- Stenoma catenifer* (Lepidoptera)
- Subulina octona* (Mollusca)

PETROSELINUM:

- Anuraphis apiifoliae* (?) (Homoptera)
- Mamestra brassicae* (Lepidoptera)

PHEAOMERIA:

- Pentalonia nigronervosa* (Homoptera)
- Siphanta acuta* (Homoptera)

PHALAENOPSIS:

- Tenuipalpus pacificus* (Acarina)

PHASEOLUS:

- Acanthoscelides obreptus* (Coleoptera)
- Ancylostoma stercorea* (Lepidoptera)
- Callosobruchus rhodesianus* (Coleoptera)
- Everes comyntas* (Lepidoptera)
- Forficula pubescens* (Dermaptera)
- Hedylepta indicata* (Lepidoptera)
- Maruca testulalis* (Lepidoptera)
- Matsumuraesia phaseoli* (Lepidoptera)
- Ostrinia nubilalis* (Lepidoptera)
- Trogoderma granarium* (Coleoptera)

PHILODENDRON:

- Chrysomphalus tenar* (Homoptera)
- Pinnaspis buzi* (Homoptera)

PHRAGMITES:

- Brevipalpus longipalpis* (Acarina)
- Dasyneura inclusa* (Diptera)
- Nipponaclerda biwakensis* (Homoptera)

PICEA:

- Laspeyresia strobilella* (Lepidoptera)

PINUS:

- Callidium rufipenne* (Coleoptera)
- Coptotermes crassus* (Isoptera)
- Dichocrocis punctiferalis* (Lepidoptera)
- Euborellia plebeja* (Dermaptera)
- Heterotermes convexinotatus* (Isoptera)
- Laspeyresia strobilella* (Lepidoptera)
- Lepidosaphes pini* (Homoptera)
- Leucaspis lowi* (Homoptera)
- L. pusilla* (Homoptera)
- Matsucoccus matsumurae* (Homoptera)
- Plagionotus arcuatus* (Coleoptera)
- Pseudococcus pini* (Homoptera)

PINUS (?):

- Ips typographus* (Coleoptera)

PIPER:

- Protopulvinaria longivalvata* (Homoptera)

PISTACIA:

- Chrysomphalus inopinatus* (Homoptera)
- Trogoderma granarium* (Coleoptera)

PISUM:

- Ancylostoma stercorea* (Lepidoptera)
- Bruchus ervi* (Coleoptera)
- B. tristis* (Coleoptera)
- Forficula decipiens* (Dermaptera)
- Laspeyresia nigricana* (Lepidoptera)
- Trogoderma granarium* (Coleoptera)

PITHECELLOBIUM:

- Cryptophlebia ombrodelta* (Lepidoptera)
- Dacus dorsalis* (Diptera)
- Stator limbatus* (Coleoptera)

PLATANUS:

- Aspidiotus pyri* (Homoptera)

PLUCHEA:

- Aceria pluchaeae* (Acarina)

PLUMERIA:

- Conotelus mexicanus* (Coleoptera)
- Dialeurodes kirkaldyi* (Homoptera)
- Eobia bicolor* (Coleoptera)
- Haplothrips gowdeyi* (Thysanoptera)
- Pheidole megacephala* (Hymenoptera)
- Taeniothrips hawaiiensis* (Thysanoptera)

POLIANTHES:

- Taeniothrips hawaiiensis* (Thysanoptera)

POPULUS:

- Pemphigus populiramulorum* (Homoptera)

PORTULACA:

- Conotelus mexicanus* (Coleoptera)
- Loxostege bifidialis* (Lepidoptera)
- Nysius raphanus* (Hemiptera)

PROTEA:

- "*Chionaspis*" *leucadendri* (Homoptera)
- Mesochelidura peringueyi* (Dermaptera)
- Pseudococcus gahani* (Homoptera)

PRUNUS AMYGDALUS:

- Ectomyelois ceratoniae* (Lepidoptera)

PRUNUS ARMENIACA:

- Ceratitis capitata* (Diptera)

PRUNUS DOMESTICA:

- Geniocremanis chilensis* (Coleoptera)
- Lecanium persicae* (Homoptera)
- Micrapate scabrata* (Coleoptera)

PRUNUS PERSICA:

- Adoxophyes orana* (Lepidoptera)
- Ceratitis capitata* (Diptera)
- Pheidole megacephala* (Hymenoptera)

PRUNUS PERSICA VAR. NECTARINA:

- Limothrips angulicornis* (Thysanoptera)

PRUNUS SPINOSA:

- Rhynchites auratus* (Coleoptera)

PRUNUS SP. (cherry):

- Ceratitis capitata* (Diptera)
- Ragoletis cerasi* (Diptera)

PRUNUS SP.:

- Lecanium corni* (Homoptera)
- Nilotaspis halli* (Homoptera)

PSIDIUM:

- Aleuroglandulus emmae* (Homoptera)
- Anastrepha suspensa* (Diptera)
- Ceratitis capitata* (Diptera)
- Coccus viridis* (Homoptera)
- Dacus dorsalis* (?) (Diptera)
- Pseudococcus lilacinus* (Homoptera)

PUERARIA:

- Callosobruchus ademptus* (Coleoptera)

PUNICA:

- Anastrepha ludens* (Diptera)
- Cacacimorpha pronubana* (Lepidoptera)
- Ceratitis capitata* (Diptera)
- Cryptoblabes gnidiella* (Lepidoptera)
- Ectomyelois ceratoniae* (Lepidoptera)
- Eurydema ornatum* (Hemiptera)

PYRUS:

- Ceratitis capitata* (Diptera)
- Monomorium destructor* (Hymenoptera)

QUERCUS:

- Aspidiotus zonatus* (Homoptera)

RAPHANUS:

- Phytomyza rufipes* (Diptera)

RHODODENDRON:

- Brevipalpus obovatus* (Acarina)
- Dialeurodes chittendeni* (Homoptera)
- Lepidosaphes tubulorum* (Homoptera)
- Pseudococcus azaleae* (Homoptera)
- Stephanitis pyrioides* (Hemiptera)

RIBES:

- Ephestia calidella* (Lepidoptera)

ROSA:

- Adoxophyes orana* (Lepidoptera)
- Ardis sulcata* (Hymenoptera)
- Aspidiotus destructor* (Homoptera)
- Centrotus cornutus* (Homoptera)
- Cladius pectinicornis* (Hymenoptera)
- Endelomyia aethiops* (Hymenoptera)
- Frankliniella intonsa* (Thysanoptera)
- Lecanium corni* (Homoptera)
- Myzaphis bucktoni* (?) (Homoptera)
- Taeniothrips atratus* (Thysanoptera)
- T. ericae* (Thysanoptera)

Hosts and Insects—Continued

ROSA—Continued

- T. hawaiiensis* (Thysanoptera)
- Tetranychus cinnabarinus* (Acarina)
- Thrips flavus* (Thysanoptera)
- T. major* (Thysanoptera)

ROSACEAE:

- Rhagoletis alternata* (?) (Diptera)

RUBUS:

- Asterobemis carpini* (Homoptera)

RUTA:

- Brevipalpus obovatus* (Acarina)

SACCHARUM:

- Chilo loftini* (Lepidoptera)
- Pheidole megacephala* (Hymenoptera)
- Pseudococcus boninsis* (Homoptera)
- Targionia glomerata* (Homoptera)
- "*Targionia*" *sacchari* (Homoptera)
- Trionymus sacchari* (Homoptera)

SALIX:

- Leptidea brevipennis* (Coleoptera)

SALVIA:

- Eurytoma infracta* (Hymenoptera)

SAMANEA:

- Cryptophlebia ombrodelta* (Lepidoptera)
- Pheidole megacephala* (Hymenoptera)
- Stator limbatus* (Coleoptera)

SCHINUS:

- Coccus viridis* (Homoptera)

SCHOMBURGKIA:

- Chrysomphalus umboniferus* (Homoptera)
- Nasutitermes ephratae* (Isoptera)
- N. nigriceps* (Isoptera)
- Termes hispaniolae* (Isoptera)

SCINDAPSUS:

- Pinnaspis buzi* (Homoptera)

SECALE:

- Suidasia medanensis* (Acarina)
- Trogoderma granarium* (Coleoptera)

SECHIUM:

- Cacaecimorpha pronubana* (Lepidoptera)

SESAMUM:

- Phricodus hystrix* (Hemiptera)

SESBANIA:

- Dacus dorsalis* (?) (Diptera)
- Maruca testulalis* (Lepidoptera)

SIDEROXYLON:

- Anastrepha serpentina* (Diptera)

SOIL:

- Bradybaena similis* (Mollusca)
- Cecilioides acicula* (Mollusca)
- Cochlicella barbara* (Mollusca)
- Eremocoris plebejus* (Hemiptera)
- Forficula pubescens* (Dermaptera)
- Helicella striata* (Mollusca)
- H. variabilis* (Mollusca)
- Lamellaris gracilis* (Mollusca)
- Oulema melanopa* (Coleoptera)
- Pheidole megacephala* (Hymenoptera)
- Rumina decollata* (Mollusca)
- Thrips flavus* (Thysanoptera)

SOLANUM ACULEATISSIMUM:

- Ceratitis capitata* (Diptera)

SOLANUM MELONGENA:

- Neoleucinodes elegantalis* (Lepidoptera)

SOLANUM QUITOENSE:

- Neoleucinodes elegantalis* (Lepidoptera)

SORGHUM:

- Ostrinia nubilalis* (Lepidoptera)
- Sesamia cretica* (Lepidoptera)

SPONDIAS:

- Anastrepha mombinpraepotans* (Diptera)
- Chrysomphalus calurus* (Homoptera)

STIPA:

- Macropylax fasciata* (Hemiptera)

STRELITZIA:

- Diaspis zamiae* (Homoptera)
- Pentalonia nigronervosa* (Homoptera)

STRONGYLODON:

- Taeniothrips hawaiiensis* (Thysanoptera)

STRONGYLODON (?):

- Maruca testulalis* (Lepidoptera)

SWIETENIA:

- Trogoxylon prostomoides* (Coleoptera)

SYRINGA:

- Sitona lineata* (Coleoptera)

TAMARINDUS:

- Caryedon gonagra* (Coleoptera)
- Cryptophlebia ombrodelta* (Lepidoptera)
- Ectomyelois ceratoniae* (Lepidoptera)

TECOMARIA:

- Brevipalpus phoenicis* (Acarina)

TERMINALIA:

- Anastrepha mombinpraepotans* (Diptera)
- Ceratitis capitata* (Diptera)
- Dacus dorsalis* (Diptera)
- Trogoderma granarium* (Coleoptera)

TILLANDSIA:

- Erptochiamera oblonga* (Hemiptera)
- Leptodictya sinaloana* (Hemiptera)
- Podisus lineolatus* (Hemiptera)
- Ptilia versicolor* (Hymenoptera)

TRICHOPILIA:

- Puto mericanus* (Homoptera)

TRIGONIDIUM:

- Vinsonia stellifera* (Homoptera)

TRITICUM:

- Trogoderma granarium* (Coleoptera)

TROPAEOLUM:

- Cepaea hortensis* (?) (Mollusca)
- Helicella ericetorum* (Mollusca)

TSUGA:

- Lamellaris gracilis* (Mollusca)

VACCINIUM:

- Aspidiotus degeneratus* (Homoptera)

VANDA:

- Bradybaena similis* (Mollusca)
- Conotelus mexicanus* (Coleoptera)
- Orchidophilus aterrimus* (Coleoptera)

VANDOPSIS:

- Tenuipalpus pacificus* (Acarina)

VICIA:

- Bruchus guttalis* (Coleoptera)
- B. tristis* (Coleoptera)
- Callosobruchus analis* (Coleoptera)
- Epinotia aporema* (Lepidoptera)
- Lamprodes boeticus* (Lepidoptera)

VIGNA:

- Callosobruchus rhodesianus* (Coleoptera)

VIOLA:

- Coptotermes niger* (Isoptera)

VITIS:

- Aclerda fraterna* (Coleoptera)
- Brevipalpus chilensis* (Acarina)
- Ceratitis capitata* (Diptera)
- Conoderus rufangulus* (Coleoptera)
- Leptoglossus chilensis* (Hemiptera)
- Lobesia botrana* (Lepidoptera)
- Naupactus xanthographus* (Coleoptera)
- Nezara viridula* (Hemiptera)
- Phlyctinus callosus* (Coleoptera)
- Targionia vitis* (Homoptera)
- Xiphistes furcicornis* (Homoptera)

VRIESIA:

- Chrysomphalus personatus* (Homoptera)

WISTERIA:

- Chionaspis wistariae* (Homoptera)

YUCCA:

- Leptopharsa usingeri* (Hemiptera)

ZANTEDESCHIA:

- Paraputo taraktogeni* (Homoptera)

ZEA:

- Moodna bisinuella* (Lepidoptera)
- Nysius raphanus* (Hemiptera)
- Pagiocerus fiorii* (Coleoptera)
- Sesamia nonagrioides* (Lepidoptera)
- Zeadiatraea lineolata* (Lepidoptera)

ZINGIBER:

- Pentalonia nigronervosa* (Homoptera)
- Pulvinaria urticae* (?) (Homoptera)
- "*Targionia*" *hartii* (Homoptera)
- Trogoderma granarium* (Coleoptera)

ZINNIA:

- Chirothrips meridionalis* (Thysanoptera)
- Haplothrips gowdeyi* (Thysanoptera)

ZIZYPHUS:

- Ceratitis capitata* (Diptera)

Hosts Unknown

AIRPLANE:

Acanthoderes circumflexa (Coleoptera)
Aethus indicus (Hemiptera)
Allozaxis spinosus (Coleoptera)
Anastrepha suspensa (Diptera)
Ancognatha scarabaeoides (Coleoptera)
Callipogon armillatus (Coleoptera)
Cassida circumdata (Coleoptera)
Ceratitis capitata (Diptera)
Clanis phalaris (Lepidoptera)
Engonus subcylindricus (Coleoptera)
Eobia bicolor (Coleoptera)
Euconocephalus platynotum (Orthoptera)
Eritianus obscurinervis (Homoptera)
Gynaikothrips ficorum (Thysanoptera)
Hemiargus hanna (Lepidoptera)
Leptocorixa varicornis (Hemiptera)
Listronotus palustris (Coleoptera)
Melolontha melolontha (Coleoptera)
Metopoplar ditomoides (Hemiptera)
Mimosestes sailaei (Coleoptera)
Nasutitermes nigricipes (Isoptera)
Nephotettix apicalis (Homoptera)
Nysius delectulus (Hemiptera)
N. tenellus (Hemiptera)
Oenopiella unidentata (Hemiptera)
Orphulella punctata (Orthoptera)
Otosema odorata (Lepidoptera)
Orycopis vittata (Coleoptera)
Parozaxis antillarum (Coleoptera)
Pelopidas mathias oberthuri (Lepidoptera)
Phaneroptera furcifera (Orthoptera)
Phurus immunis (Lepidoptera)
Popillia lewisi (Coleoptera)
Rehimena phrynealis (Lepidoptera)
Sardia pluto (Homoptera)
Schoenobius incertulus (Lepidoptera)
Sessinia livida (Coleoptera)
Sinorylon conigerum (Coleoptera)
Stromatium longicorne (Coleoptera)
Sunynrias diffundens (Lepidoptera)
Thaumatomyia notata flavifrons (Diptera)
Xylomeira torquata (Coleoptera)
Xylosocus castanoptera (Coleoptera)

AUTOMOBILE:

Bradystia carbonaria (Diptera)
Ipchides protesilus (Lepidoptera)
Onthophagus taurus (Coleoptera)

BAGGAGE:

Achatina fulica (Mollusca)
Ascia monuste (Lepidoptera)
Callidium rufipenne (Coleoptera)
Dacus oleae (Diptera)
Elimaea punctifera (Orthoptera)
Eobia bicolor (Coleoptera)
Geotomus pygmaeus (Hemiptera)
Helix aspersa (Mollusca)
H. pomatia (Mollusca)
Homoeogrillus japonicus (Orthoptera)
Jadera haematoloma (Hemiptera)
Lyctus linearis (Coleoptera)
Oraxis zerensis (Coleoptera)
Patanga japonica (Orthoptera)
Philaspis birulnerata (Coleoptera)
Sybra alternans (Coleoptera)
Tropidacris latreillei (Orthoptera)

BAGGING:

Sitona hispidula (Coleoptera)
Trogoderma granarium (Coleoptera)

CARDBOARD:

Heterotermes convezinotatus (Isoptera)

CARGO:

Dysdercus bidentatus (Hemiptera)
D. mimus (Hemiptera)
D. ruficollis (Hemiptera)
Maruca testulalis (Lepidoptera)
Neoleucinodes elegantalis (Lepidoptera)

CONIFER:

Pityogenes chalcographus (Coleoptera)

DEBRIS:

Pheidole megacephala (Hymenoptera)
Sitona hispidula (Coleoptera)
Trogoderma granarium (Coleoptera)
Xylobiops sextuberculatus (Coleoptera)

FERN:

Pentalonia nigronervosa (Homoptera)

FLOWERS:

Achaea janata (Lepidoptera)
Anuraphis cardui (Homoptera)
Bradybaena similis (Mollusca)
Cryptotermes brevis (Isoptera)
Eobia bicolor (Coleoptera)
Ezitanus obscurinervis (Homoptera)
Forficula senegalensis (Dermaptera)
Frankliniella intonsa (Thysanoptera)
Haplothrips cottei (Thysanoptera)
H. gowdeyi (Thysanoptera)
Pheidole megacephala (Hymenoptera)
Taeniothrips atratus (Thysanoptera)
T. dianthi (Thysanoptera)
T. hawaiiensis (Thysanoptera)
Thrips flavus (Thysanoptera)
T. imaginis (Thysanoptera)
T. major (Thysanoptera)

FOOD:

Pheidole megacephala (Hymenoptera)

Trogoderma granarium (Coleoptera)

FRUIT—UNIDENTIFIED:

Diaspis zamiae (Homoptera)
Monomorium destructor (Hymenoptera)

GRASS:

Monomorium destructor (Hymenoptera)

GUM:

Lyctus linearis (Coleoptera)
Trogoderma granarium (Coleoptera)

HERBS:

Monomorium destructor (Hymenoptera)
Sterria inguinata (Lepidoptera)

KARAYA GUM:

Trogoderma granarium (Coleoptera)

LEAF—UNIDENTIFIED:

Protopulvinaria longivalvata (Homoptera)
Sitona lineata (Coleoptera)
Toxoptera citricidus (Homoptera)

LEGUME:

Mimosestes sailaei (Coleoptera)
Stator limbatus (Coleoptera)

LOG:

Opogona sacchari (Lepidoptera)

MAIL:

Achatina fulica (Mollusca)
Cryptotermes brevis (Isoptera)
Dacus dorsalis (Diptera)
Eobia bicolor (Coleoptera)
Kaloterms immigrans (Isoptera)
Monomorium destructor (Hymenoptera)
Pheidole megacephala (Hymenoptera)
Sinorylon conigerum (Coleoptera)

MILITARY CARGO:

Cochlicella barbara (Mollusca)
C. conoidea (Mollusca)
C. ventrosa (Mollusca)
Cryptothoele minuscula (Lepidoptera)
Helicella caperata (Mollusca)
H. conspurcata (Mollusca)
H. derbentina (Mollusca)
H. itala (Mollusca)
H. maritima (Mollusca)
H. neglecta (Mollusca)
H. pyramidata (Mollusca)
H. striata (Mollusca)
H. variabilis (Mollusca)
Helix aspersa (Mollusca)
Monacha cantiana (Mollusca)
M. carthusiana (Mollusca)
Nezara viridula (Hemiptera)
Ostrinia nubilalis (Lepidoptera)
Otala lactea (Mollusca)
O. vermiculata (Mollusca)
Oryzophilus draparnaldi (Mollusca)
Pieris brassicae (Lepidoptera)
Rhaphogaster nebulosa (Coleoptera)
Theba pisana (Mollusca)

MOLLUSK:

Theba pisana (Mollusca)

PACKING:

Callidium rufipenne (Coleoptera)

PLANTS—UNIDENTIFIED:

Ceutorhynchus erysimi (Coleoptera)
Oulema melanopa (Coleoptera)
Haplothrips aculeatus (Thysanoptera)
Limothrips denticornis (Thysanoptera)

Hosts Unknown—Continued

PLANTS—UNIDENTIFIED—Continued

Lygus lucorum (Hemiptera)
Monacha cantiana (Mollusca)
Morganella longispina (Homoptera)
Nysius raphanus (Hemiptera)
Pheidole megacephala (Hymenoptera)
Sitona lineata (Coleoptera)
Taeniothrips atratus (Thysanoptera)
Thrips flavus (Thysanoptera)
Veronicella moreleti (?) (Mollusca)

PLANT MATERIAL:

Diploptera punctata (Orthoptera)

QUARTERS:

Augocoris illustris (Hemiptera)
Lobesia botrana (?) (Lepidoptera)
Monomorium destructor (Hymenoptera)
Phoebolampra excellens (Orthoptera)
Porphyrobaphis iostoma (Mollusca)
Syneda confirmans (Lepidoptera)
Theba pisana (Mollusca)
Trogoderma granarium (Coleoptera)
Tropidacris latreillei (Orthoptera)

RAILWAY CAR:

Tenuirostritermes cinereus (Isoptera)

SEED:

Caryedon gonagra (Coleoptera)
Ectomyelois ceratoniae (Lepidoptera)
Megacerus alternatus (Coleoptera)
Mimosestes sallaei (Coleoptera)
Puto barberi (Homoptera)

STONE:

Achatina fulica (Mollusca)

STORES:

Callosobruchus analis (Coleoptera)
Helicella maritima (Mollusca)
Helix aspersa (Mollusca)
H. pomatia (Mollusca)
Myzus ascalonicus (Homoptera)
Systole albipennis (Hymenoptera)
Trogoderma granarium (Coleoptera)

STRAW:

Bruchus guttalis (Coleoptera)
Zetha chavesi (Orthoptera)

WATERLILY:

Pheidole megacephala (Hymenoptera)

WOOD:

Anoplotermes ater (Isoptera)
Bostrychophilus cornutus (Coleoptera)
Brevipalpus phoenicis (Acarina)
Callidium violaceum (Coleoptera)
Heterobostrychus aequalis (Coleoptera)
Lyctus africanus (Coleoptera)
L. brunneus (Coleoptera)
Micrapate labialis (Coleoptera)
Minthea rugicollis (Coleoptera)
Molorchus minor (Coleoptera)
Nasutitermes corniger (Isoptera)
N. costalis (Isoptera)
Procryptotermes hubbardi (Isoptera)
Reticulitermes speratus (Isoptera)
Sinozylon anale (Coleoptera)
S. conigerum (Coleoptera)
S. ruficornis (Coleoptera)
Taeniothrips vitticornis (Thysanoptera)
Tetrapriocera longicornis (Coleoptera)
Trogozylon aequale (Coleoptera)

Countries of Origin and Insects

- AFRICA (country(?)):**
Ectomyelois ceratoniae
Opogona sacchari
- ALGERIA:**
Parlatoria zizyphus
- AMERICAN SAMOA:**
Aceria hibisci
Aspidiotus pangonis
Lyctus brunneus
- AMERICAN VIRGIN ISLANDS:**
Anastrepha mombinpraeoptans
Vinsonia stellifera
- ANGOLA:**
Sinozylon ruficornis
- ANGUILLA:**
 "Targionia" hartii
- ANTIGUA:**
Alloxys spinosus
Vinsonia stellifera
- ARGENTINA:**
Aceria tulipae
Aonidiella citrina
Brevipalpus obovatus
B. phoenicis
Ceratitidis capitata
Frankliniella paucispinosa
Lorryia formosa
Parlatoria cinerea
Pseudoaonidia trilobitiformis
Tetranychus cinnabarinus
- ARGENTINA (?):**
Oenopiea unidentata
- AUSTRALIA:**
Aonidiella citrina
Aspidiotus herculeanus
Dianspis zalmiae
Epilachna 28-punctata
Lepidosaphes tuberculata
Pseudococcus boninensis
Taeniothrips hawaiiensis
Thrips imaginis
Thysanococcus chinensis
- AUSTRALIA (?):**
Parlatoria cinerea
- AUSTRIA:**
Grapholitha janthiana (?)
Leucaspis lowi
- AUSTRIA (?):**
Dacus oleae
- AZORES:**
Bruchus tristictus
Ceratitidis capitata
Cochlicella ventrosa
Eriococcus araucariae
Helicella conspurcata
Limax marginatus
Pieris brassicae
Thrips major
Zetha chavesi
- BAHAMAS:**
Ancylostomia stercorea
Aspidiotus destructor
Pheidole megacephala
Phytomyza atricornis
Pseudococcus boninensis
Synedra confirmans
Vinsonia stellifera
- BARBADOS:**
Coccus viridis
 "Targionia" sacchari
Trionymus sacchari
- BELGIUM:**
Bruchus tristictus
Helix aspersa
Lecanium coryli
Phytomyza rufipes
Pityogenes chalcographus
- BERMUDA:**
Anuraphis apiifoliae (?)
Bradybaena similis
Cochlicella ventrosa
Conotus mexicanus
Cryptoblabes gnidiella
Eriococcus araucariae
Haplothrips gowdeyi
- Morganella longispina*
Pheidole megacephala
Taeniothrips gracilis
- BRAZIL:**
Amitermes foreli
Asterolecanium epidendri
Azochis gripusalis
Brevipalpus phoenicis
Ceratitidis capitata
Chrysomphalus personatus
C. umboniferus
Coccotrypes carpophagus
Coccus alpinus
C. viridis
Coptotermes niger
C. testaceus
Euscepes postfasciatus
Heterotermes convexinotatus
Iridomyrmex leucomelas
Lyctus brunneus
Maruca testulalis
Megastes grandialis
Minthea rugicollis
Nasutitermes corniger
N. nigricipes
Neoleucinodes elegantalis
Parlatoria cinerea
Pectinophora gossypiella
Pheidole megacephala
Pseudoaonidia trilobitiformis
Pseudoparlatoria ostreata
Stenomacrus catenifer
Stephanoderes hampei
Subulitermes microsoma
Unaspis citri
- BRAZIL (?):**
Cerconota amonella
- BRITISH GUIANA:**
Asterolecanium epidendri
Microcerotermes exiguus
Paragonatodes divergens
Platypus rugulosus
Vinsonia stellifera
- BRITISH HONDURAS:**
Chrysomphalus umboniferus
Euscepes porcellus
Nasutitermes ephratae
N. nigricipes
Nudur fractivittarum
Pheidole megacephala
Pseudischnaspis alienus
Tenthercoris bicolor
T. confusus
Vinsonia stellifera
- BRITISH WEST AFRICA:**
Earias cupreoviridis
- BRITISH WEST INDIES:**
Ancylostomia stercorea
Nysius tenellus
- BULGARIA:**
Ephestia calidella
Phorodon menthae
- BURMA:**
Callosobruchus analis
- CAMEROON:**
Parlatoria zizyphus
- CANADA:**
Taeniothrips atratus
- CANAL ZONE:**
Andrector salvinii
Cecilioides acicula
Chrysomphalus umboniferus
Coccinotus degeeri
Conchaspis orchidarum
Pentalonia nigronervosa
Pheidole megacephala
Pseudischnaspis alienus
Valtissius diversus
Vinsonia stellifera
- CANARY ISLANDS:**
Dactyloctenium aegyptium
Dactyloctenium aegyptium
- CANTON ISLAND:**
Sessinia livida
- CAPE VERDE ISLANDS:**
Caryedon gonagra

Countries of Origin and Insects—Continued

CEYLON:

Taeniothrips hawaiiensis
Trogoderma granarium

CHILE:

Aclerda fraterna
Brevipalpus chilensis
Conoderus rufulus
Geniocremnis chilensis
Lecanium persicae
Leptoglossus chilensis
Limothrips angulicornis
Micrapate scabrata
Naupactus xanthographus
Nezara viridula
Pseudococcus gahani

CHINA:

Palpifer sernotatus (?)
Parlatoria zizyphus
Trogoderma granarium

CHRISTMAS ISLAND:

Eobia bicolor
Pseudococcus cocotris
Sessinia livida

COLOMBIA:

Anastrepha mombinpraeoptans
Ancylostoma stercora
Anoplotermes ater
Bephrata maculicollis
Brevipalpus phoenicis
Cerconota anonella
Chrysomphalus umboniferus
Cyrtomenus bergi
Eurytoma orchidearum
Jadera haematoloma
Lincus rufofospitatus
Nasutitermes corniger
Puto barberi
Stenoma catenifer

COSTA RICA:

Anastrepha mombinpraeoptans
Aspidiotus destructor
A. palmarum
Asterolecanium epidendri
Auximobasis coffeae
Ceratitidis capitata
Chrysomphalus albopictus
Coptotermes niger
Corimelaena palmeri
Dysdercus minus
Eurytoma orchidearum
Metamasius hemipterus sericeus
Neolobophora ruficeps
Pseudoschnaspis alienus
P. longissima
Veronicella moreleti (?)
Vinsonia stellifera

CUBA:

Anastrepha mombinpraeoptans
Aonidiella comperei
Ascia monuste
Aspidiotus destructor
Asterolecanium epidendri
Augocoris illustris
Coccus viridis
Cylas formicarius elegantulus
Dialeurodes citrifolii
Gnorimoschema gudmannella
Gynaikothrips ficorum
Hedylepta indicata
Heterobostrychus aequalis
Leucoptera coffeae
Pectinophora gossypiella
Pentalonia nigronervosa
Pheidole megacephala
Phyllophaga analis
Pinaspis buzi
Protopulvinaria pyriformis
Ribua innozia
"Targionia" hartii
"Targionia" sacchari
Tetrapriocera longicornis
Trionymus sacchari
Unaspis citri
Vinsonia stellifera

CURACAO:

Caryedon gonagra

CYPRUS:

Ceratitidis capitata
Dacus oleae

CZECHOSLOVAKIA:

Cecilioides acicula
Rhagoletis cerasi

DENMARK:

Frankliniella intonsa
Rhagoletis cerasi
Thrips flavus
T. major

DOMINICA:

Euborellia stali
Vinsonia stellifera

DOMINICAN REPUBLIC:

Aganactes indecora
Anastrepha mombinpraeoptans
Ancylostoma stercora
Cylas formicarius elegantulus
Nasutitermes ephratae
Orphulella punctata
Pectinophora gossypiella
Phurys immunis
Polyancistrus serrulatus
Ribua innozia
"Targionia" hartii
Vinsonia stellifera

ECUADOR:

Aceria tulipae
Ceramidia viridis
Dysdercus bidentatus
D. mimus
D. ruficollis
Epilachna borealis var.
Epinotia aporema
Euglandina striata
Metamasius hemipterus sericeus
Parlatoria cinerea
Pentalonia nigronervosa
Porphyrobaphis iostoma
Solaropsis monile
Stenoma catenifer
Vinsonia stellifera

EL SALVADOR:

Anastrepha mombinpraeoptans
Aulacaspis tubercularis
Chrysomphalus personatus
C. umboniferus
Eurytoma orchidearum
Stenoma catenifer
Tenthoris confusus

ENGLAND:

Cladius pectinicornis
Frankliniella intonsa
Laspeyresia strobilella
Lyctus africanus
Mamestra brassicae
Minthea rugicollis
Phorodon menthae
Phytomyza rufipes
Sinozydon conigerum
Steneotarsonemus laticeps
Systole albipennis
Taeniothrips atratus
T. ericae
Thrips angusticeps
T. major
Trogoderma granarium

ETHIOPIA:

Odonaspis ruthae

FEDERATION OF MALAYA:

Dichocrocis punctiferalis
"Targionia" hartii
Trogoderma granarium

FEDERATION OF RHODESIA AND

NYASALAND:
Specularius erythraeus

FIJI:

Pheidole megacephala
"Targionia" hartii

FIJI (?):

Dacus dorsalis

Countries of Origin and Insects—Continued

FINLAND:

Eriophyes leionotus

FORMOSA:

*Chilo suppressalis**Parlatoria cinerea**P. zizyphus**Pinnaspis theae**Taeniothrips gracilis**Trogoderma granarium*

FRANCE:

*Acrolepis assectella**Asterobemisia carpini**Athalia colibri**Bemisia citricola**Bruchus emarginatus**B. signaticornis**Centrotus cornutus**Chrysomphalus personatus**Cladius pectinicornis**Cochlicella barbara**Diaspis zamiae**Epidiaspis piricola**Forficula senegalensis**Frankliniella intonsa**Helicella conspurcata**H. maritima**H. striata**H. variabilis**Helix aspersa**Lecanium corni**Mamestra brassicae**Melolontha melolontha**Monacha cantiana**Myzaphis bucktoni* (?)*Orychilus draparnaldi**Periphyllus aceris**Phytomyza atricornis**Rhagoletis cerasi**Suidasia medianensis**Taphropeltus contractus**Theba pisana**Thrips flavus**T. major**Trogoderma granarium**Tyrophagus oudemansi*

FRANCE (?):

*Leptidea brevipennis**Megastigmus suspectus pinsapinis*

GAMBIA:

Parlatoria zizyphus

GERMANY:

*Aphis callunae**Arge ochropa**Asterolecanium epidendri**Bruchus lentis**Cladius pectinicornis**Dasyneura inclusa**Euleia heraclei**Frankliniella intonsa**Helix aperta**Laspeyresia splendana**L. strobilella**Mamestra brassicae**Monacha cantiana**Myzus ascalonicus**Oulema melanopa**Phytomyza rufipes**Pityogenes chalcographus**Rhagoletis cerasi**Rhyarochromus pini**Sitona hispidula**Taeniothrips atratus**T. dianthi**Tetranychus viennensis**Thrips flavus**T. major**Trogoderma granarium**Tyrophagus oudemansi*

GRAND CAYMAN:

*Dysdercus andreae**Pectinophora gossypiella**Termes hispaniolae*

GREECE:

*Aspidiotus pyri**Bruchus ervi**B. lentis**B. tristis**Calameuta idolon**Ceratitis capitata**Chrysomphalus inopinatus**Cryptoblabes gnidiella**Dacus oleae**Ectomyelois ceratoniae**Ephestia calidella**Haplothrips collei**Helicella pyramidata**H. striata**Helix aperta**Leucaspis pusilla**Pieris brassicae**Rhagoletis cerasi**Stephanitis pyri**Trogoderma granarium*

GUAM:

*Achatina fulica**Dacus dorsalis**Phaneroptera furcifera**Sternochetus mangiferae*

GUAM (?):

Furcaspis oceanica

GUATEMALA:

*Anastrepha ludens**A. mombinpraeoptans**Aspidiotus mendax**A. palmae**Automolis atenia**Chrysogramma octomaculata**Chrysomphalus umboniferus**Farinococcus guatemalensis**Gnimoschema gudmannella**Iridomyrmex iniquus**Leucoptera coffeella**Platoceticus symmicta**Protopulvinaria longivalvata**Pseudischinaspis alienus**Puto ulter**Stenomoma catenifer**Valtissius diversus*

HAITI:

*Aceria pluchaeae**Anastrepha mombinpraeoptans**Ancylostoma stercorea**Brevipalpus phoenicis**Bruchus guttalis**Epantheria icasia**Heterotermes cardini**H. convexinotatus**Leucoptera coffeella**Neoleucinodes elegantalis**Neotermes castaneus**Pectinophora gossypiella**Phoebolampta excellens**Trogozylon prostomoides**Unaspis citri**Vinsonia stellifera*

HAWAII:

*Achaea janata**Achatina fulica**Adoretus sinicus**Antonina graminis**Aulacaspis crawii**Blastobasis inana**Bradybaena similis**Brevipalpus phoenicis**Caryedon gonagra**Ceratitis capitata**Ceresium unicolor**Ceroptastes rubens**Coccus viridis**Conotelus mexicanus**Cryptophlebia illepidia**C. ombrodelta**Cryptotermes brevis**Dacus cucurbitae**D. dorsalis**Dialeurodes kirkaldyi**Diocalandra taitensis**Diploptera punctata**Ectomyelois ceratoniae**Elimaea punctifera**Eobia bicolor*

Countries of Origin and Insects—Continued

HAWAII—Continued

Frankliniella sulphurea (?)
Geotomus pygmaeus
Graptolethrus manillensis
Haplothrips gowdeyi
Kaloterms immigrans
Lampides boeticus
Lepidosaphes tokionis
Maruca testulalis
Megacerus alternatus
Mimosestes sallaei
Monomorium destructor
Morganella longispina
Neophyllaphis araucariae
Nysius delectulus
Orchidophilus aterrimus
Parlatoria crotonis
Pealius hibisci
Pectinophora gossypiella
Pentalonia nigronervosa
Perkinsiella saccharicida
Pheidole megacephala
Pinnaeus buzi
Praeacces thecophora
Pseudoanidia clavigera
Pseudococcus giffardi
P. mali
P. palmarum
 "Pseudoparlatoria" *giffardi*
Pulvinaria psidii
P. urbicola (?)
Selenothrips rubrocinctus
Sinoxylon conigerum
Siphanta acuta
Stator limbatus
S. pruininus
Sternochetus mangiferae
Sybra alternans
Taeniothrips hawaiiensis
T. vitticornis
Tetranychus neocalidonicus
Toxoptera citricidus
Trionymus sacchari
Tyrophagus tropicus
Xiphidopsis lila

HONDURAS:

Anastrepha mombinpraeoptans
Aspidiotus destructor
Aulacaspis tubercularis
Coptotermes crassus
Dysdercus mimus
D. suterellus (?)
Heterotermes convexinotatus
Nasutitermes corniger
Pheidole megacephala
Pseudischnaspis alienus
Stenomoma catenifer
Vinsonia stellifera
Zeadiatraea lineolata

HONG KONG:

Cylas formicarius
C. formicarius elegantulus
C. formicarius formicarius
Parlatoria zizyphus
Pectinophora gossypiella
Trogoderma granarium

HUNGARY:

Frankliniella intonsa
Rhagoletis cerasi
Taeniothrips atratus
T. dianthi
Thrips flavus

INDIA:

Callosobruchus analis
Dinoderus brevis
Heterobostrychus aequalis
Lyctus africanus
L. linearis
Minthea rugicollis
Monomorium destructor
Paraputo taraktogeni
Parlatoria cinerea
P. crypta
Pectinophora gossypiella
Sinoxylon anale
S. conigerum

Sternochetus mangiferae
Targionia glomerata
Trogoderma granarium

INDONESIA:

Aspidiotus destructor
Monomorium destructor

IRAN:

Aceria macrorhynchus
Bruchus ervi
Ceratitis capitata
Nilotaspis halli

IRAQ:

Trogoderma granarium

IRELAND:

Bradysia carbonaria
Stenotarsonemus laticeps
Thrips flavus

ISRAEL:

Aonidiella citrina
Ceratitis capitata
Chirothrips meridionalis
Chrysomphalus inopinatus
Cryptoblabes gnidiella
Ectomyelois ceratoniae
Eurydema ornatum
Haplothrips gowdeyi
Parlatoria zizyphus
Prodenia litura

ISRAEL (?) :

Rhagoletis cerasi

ITALY:

Acrolepis assectella
Anuraphis apiifoliae (?)
A. cardui
Apion carduorum
Ardis sulcata
Bruchus ervi
B. lentis
B. signaticornis
B. tristis
Cacaecimorpha pronubana
Ceratitis capitata
Cero-plastes ruscii
Cochlicella barbara
C. ventrosa
Cryptoblabes gnidiella
Dacus oleae
Diaspis minima
D. zamiae
Dicyphus annulatus
Drasterius bimaculatus
Dyspessa ulula
Ectomyelois ceratoniae
Endelomyia aethiops
Eurytoma infracta
Euscelis plebejus
Forficula decipiens
F. pubescens
Gnorimoschema ocellatella
Gortyna flavago
Helicella caperata
H. conspurcata
H. itala
H. maritima
H. striata
Helix aperta
H. aspersa
H. pomatia
Hemimene juliana
Laspeyresia nigricana
L. splendana
Lepidosaphes ficus
Limax marginatus
L. maximus
Lobesia botrana
Macroplax fasciata
Mamestra brassicae
Monacha cantiana
M. carthusiana
Ostrinia nubilalis
Otala lactea
O. vermiculata
Orychilus alliarius
Parlatoria zizyphus
Pectinophora gossypiella

Countries of Origin and Insects—Continued

ITALY—Continued

Phalonia zephyrana
Pieris brassicae
Prays oleellus
Rhagoletis alternata (?)
R. cerasi
Rumina decollata
Sesamia cretica
Sparteus villosus
Sterrhia inquinata
Targionia vitis
Tetranychus cinnabarinus
T. ludeni
Theba pisana
Thrips major
Trogoderma granarium
Udea ferrugalis

ITALY (?):

Brevipalpus obovatus

JAMAICA:

Acanthoderes circumflexa
Aganactesis indecora
Aleurocanthus woglumi
Anastrepha mombinpraeoptans
Ancylostoma stercora
Asterolecanium epidendri
A. simile
Cerconota anonella
Ectomyelois ceratoniae
Epinotia aporema
Eutetranychus banksi
Lamellaxis gracilis
Mimosestes sallaei
Palaeopus costicollis
Pectinophora gossypiella
Pentalonia nigronervosa
Pseudaonidia trilobitiformis
Pseudischinaspis boureyi
Vinsonia stellifera

JAPAN:

Acronicta rumicis
Aethus indicus
Aleurocanthus spiniferus
Aleurolobus marlatti
Aleurotrachelus camelliae
Aleurotuberculatus aucubae
Aonidiella citrina
Aspidiotus degeneratus
Brevipalpus obovatus
Bryobia ehari
Callidium rufipenne
Carposina nipponensis
Ceronema japonica
Chilo suppressalis
Chionaspis wistariae
Clanis phalaris
Cryptorhynchus brevis
Dialeurodes tristylis
Dichocrocis punctiferalis
Euborellia plebeja
Eucohocephalus platynotum
Florinia proboscidea
Frankliniella formosae
F. lilivora
Homoeogrillus japonicus
Lamellaxis gracilis
Lecanium corni
Lepidosaphes conchiformis
L. kuwacola
L. newsteadi
L. pini
L. tubulorum
L. yanagicola
Macrosiphum formosanum
Mamestra brassicae
Maruca testulalis
Matsucoccus matsumurae
Matsumuraesia phaseoli
Megastigmus cryptomeriae
Morganella longispina
Nipponaclerda biwakensis
Ostrinia nubilalis
Parlatoria zizyphi
Patanga japonica
Pentamerismus oregonensis
Pinnaspis buzi

Pseudococcus azaleae
P. citriculus
P. pini
Pulvinaria aurantii
Reticulitermes speratus
Sesamia inferens
Stephanitis pyrioides
Taeniothrips distalis
T. gracilis
Tenuipalpus japonicus
Tetranychus viennensis
Thrips flavus
Trogoderma granarium
Unaspis citri
U. yanonensis

JAPAN (?):

Caryedon gonagra
Nephotettix apicalis
Pelopidas mathias oberthuri
Xylopsocus castanoptera

KENYA:

Caryedon gonagra
Chrysomphalus opimus (tentative)
Vinsonia stellifera

KOREA:

Callosobruchus ademptus
Frankliniella formosae
Trogoderma granarium

KUWAIT:

Trogoderma granarium

KW AJALEIN:

Furcaspis oceanica

LEBANON:

Aonidiella citrina
Bruchus ervi
Ceratitis capitata
Chrysomphalus inopinatus
Dacus oleae
Lobesia botrana

LIBERIA:

Parlatoria zizyphi

LIBYA:

Helicella conspurcata
Theba pisana

MADEIRA ISLANDS:

Coccus viridis

MARTINIQUE:

Heterotermes convexinotatus

MEXICO:

Aegiale hesperiaris
Agroiconota propinqua
Aleurocanthus woglumi
Aleuroglandulus emmae
Alpheias conspirata
Amitermes wheeleri
Anastrepha ludens
A. mombinpraeoptans
A. serpentina
Arphrus melanotylus
Aspidiotus destructor
A. palmae
Asterolecanium inlabefactum
A. miliaris robustum
Aulacoscelis melanocera
Batrachedra linaria
Brevipalpus obovatus
Calypsocephala marginipennis
Camirus moestus
Caryedon gonagra
Cecilioides acicula
Charidotis seminulum
Chilo loftini
Chrysomphalus agavis
C. albopictus
C. personatus
C. sphaeroides
C. tenax
C. umboniferus
Conotulus mexicanus
Corythucha mcelfreshi
Cryptophlebia ombrodelta
Deloyala guttata
Diorymerellus laevimargo
Ectomyelois muricis
Eeveres comynus

Countries of Origin and Insects—Continued

MEXICO—Continued

Exitianus obscurinervis
Exptochiamera oblonga
Fiorinia theae
Gnorimoschema gudmannella
Grapholitha packardii
Gymnococcus agavium
Gynaikothrips ficorum
Haplothrips clarisetis (?)
Helicina strebeli
Insara tolteca
Iphiclides protesilaus
Iridomyrmex iniquus
Isorhinus undatus
Labia arcuata
Lamellaris gracilis
Lepidosaphes philococcus
Leptodictya sinaloana
Leptopharsa usingeri
Ligyrocoris aurivilliana
L. nitidulus
Loxostege bifidialis
Lygus lineolaris
Micrapate labialis
Mimosestes sallaei
Moodna bisinuella
Mormidea inermis
Myelobia smerinthus
Myodocha longicollis
Nasutitermes corniger
Neoleucinodes elegantalis
Nystius raphanus
N. tenellus
Ogdocosta biannularis
Onychaspidium apicale
Ozasis xerensis
Orychilus alliarius
Pachybrachius albocinctus
Parisoschoenus expositus
P. flavolimbatus
Parlatoria cinerea
Pectinophora gossypiella
Pemphigus populiramulorum
Pheidole megacephala
Philaspis bivulnerata
Phorodon menthae
Plagiomorpha scabricula
Platynota rostrana
Podisus lineolatus
Polyglypta costata
Procrystotermes hubbardi
Pseudacysta perseae
Pseudischaspis alienus
Plutia versicolor
Puto mexicanus
Sparedrus depressus
Stator limbatus
Stenomoma catenifer
Talponia batesi
Taylorilygus pallidulus
Tenthecoris bicolor
Tenthecoris distinctus
Tenuirostritermes cinereus
Thyanta pallidovirens
Trialeurodes vitrinellus
Trionymus sacchari
Unaspis citri
Vinsonia stellifera
Xylobiops parilis
X. sextuberculatus

MONTserrat:
Ectomyelois ceratoniae

MOROCCO:
Cochlicella barbara
C. ventrosa
Helicella conspurcata
Metopoplax ditomoides
Nezara viridula
Otala lactea
O. vermiculata
Pieris brassicae
Thaumatomyia notata flavifrons
Theba pisana

MOZAMBIQUE:
Trogoderma granarium

NETHERLANDS:

Adoxophyes orana
Aspidiotus zonatus
Bruchus affinis
Cepaea hortensis (?)
Ceutorhynchus erysimi
Dialeurodes chittendeni
Diaspis juniperi
Haplothrips aculeatus
Helicella ericetorum
Helix aperta
Limothrips denticornis
Lygus lucorum
Mamestra brassicae
Myzus ascalonicus
Oulema melanopa
Phytomyza rufipes
Rhagoletis cerasi
Sitona lineata
Taeniothrips atratus
Thrips flavus
Trionymus lounsburyi
Trogoderma granarium

NETHERLANDS (?) :
Trogoderma granarium

NETHERLANDS NEW GUINEA:
Cosmopolites sordidus

NETHERLANDS WEST INDIES:
Cylas formicarius elegantulus

NEW ZEALAND:
Cosmopolites sordidus

NEW ZEALAND:
Brevipalpus obovatus
Nysius huttoni

NICARAGUA:
Aleurocanthus woglumi
Anastrepha mombinpraeoptans
A. serpentina
Chrysomphalus calurus
C. personatus
Stenomoma catenifer
Tenthecoris vestitus
Vinsonia stellifera

NIGERIA:
Caryedon gonagra
Ceratitis colae (?)
Pseudococcus boninsis
Trogoderma granarium

NORTHERN IRELAND:
Stenotarsonemus laticeps

NORWAY:
Aphis callunae
Argyresthia conjugella
Eremocoris plebejus
Evergestis forficatus
Ips typographus
Taeniothrips atratus
T. ericae

OKINAWA:
Parlatoria zizyphus
Pheidole megacephala
Popillia lewisi
Pulvinaria psidii

OKINAWA (?) :
Sinozyton conigerum
Stromatium longicorne

PAKISTAN:
Sinozyton conigerum
Trogoderma granarium

PALMYRA ISLAND:
Pseudococcus neobrevipes

PALMYRA ISLAND (?) :
Eobia bicolor

PANAMA:
Anastrepha mombinpraeoptans
Ancylostoma stercora
Aspidiotus destructor
Cephaloleia pretiosa
Chrysomphalus odontoglossi
C. umboniferus
Ecpantheria eridanus
Lepidosaphes tokionis
Metamasius hemipterus sericeus
Pentalonia nigronervosa
Pinnaspis buxi
Pseudischaspis alienus

Countries of Origin and Insects—Continued

PANAMA—Continued

Stenoma catenifer
Unaspis citri
Vinsonia stellifera

PANAMA (?):

Unaspis citri

PERU:

Acanthoscelides obrepus
Ceratitis capitata
Clerada apicornis
Dallasiellus orchidophilus
Helix aspersa
Lincus rufospilotus
Mecolaemus carvalhoi
Pagiocerus fiorii
Pentalonia nigronervosa
Rhynchotermez nasutissimus
Selenothrips rubrocinctus
Tenthorax distinctus
Trionymus sacchari
Vinsonia stellifera

PHILIPPINES:

Aonidiella inornata
Aspidiotus destructor
A. excisus
A. palmae
Aulacaspis tubercularis
Caryedon gonagra
Cosmopolites sordidus
Cryptophlebia ombrodelta
Cylas formicarius elegantulus
Dialeurodes kirkaldyi
Ectomyelois ceratoniae
Eobia bicolor
Fiorinia theae
Furcaspis haematochroa
Heterobostrychus aequalis
Leptocoriza varicornis
Monomorium destructor
Parlatoria cinerea
P. zizyphus
Pheidole megacephala
Phenacaspis cockerelli
Polytus mellerborgi
Pseudonidia trilobitiformis
Pseudococcus tilacinus
Stephanitis typica
Taeniothrips vitticornis
Tenuipalpus pacificus
Trogoylon aequale
Unaspis yanonensis

PHILIPPINES (?):

Nephotettix apicalis
Rehimena phrynealis
Trogoderma granarium

POLAND:

Argyresthia conjugella
Endelomyia aethiops
Frankliniella intonsa
Rhagoletis cerasi
Taeniothrips atratus
T. dianthi

PORTUGAL:

Bruchus guttalis
Caryedon gonagra
Ceratitis capitata
Ectomyelois ceratoniae
Hemimene juliana
Laspeyresia splendana
Pheidole megacephala
Rhagoletis cerasi
Sitona lineata

PUERTO RICO:

Anastrepha mombinpraeoptans
A. suspensa
Ancylostomia stercorea
Asterolecanium bambusae
Cylas formicarius elegantulus
Doru albipes
Ectomyelois ceratoniae
Maruca testulalis
Orycopis vittata
Pinnaspis caricis
Protopulvinaria longivalvata
 "Targionia" sacchari

PUERTO RICO (?):

Anastrepha suspensa

REPUBLIC OF SOUTH AFRICA:

Blissus diplopterus
Bostrychophytes cornutus
Ceratitis capitata
 "Chionaspis" leucadendri
Diaphone eumela
Diaspis zamiae
Epichorista ionephela
Forficula senegalensis
Frankliniella schultzei
Mesochelidura peringueyi
Nezara viridula
Odonaspis ruthae
Opogona sacchari
Parlatoria pitiopsis
Phlyctinus callosus
Phricodus hystriz
Pseudococcus gahani
Specularius erythrinae
Xiphistes furcicornis

REPUBLIC OF THE CONGO:

Callosobruchus rhodesianus

RUMANIA:

Grapholita janthiana (?)

ST. KITTS:

Ancylostomia stercorea
Coccus viridis
Pheidole megacephala

ST. LUCIA:

Lamellaxis gracilis
Subulina octona
 "Targionia" hartii

SCOTLAND:

Aphis callunae
Gelechia ericetella
Limothrips denticornis
Rhynchites auratus
Taeniothrips atratus
T. ericae
Thrips flavus
T. major

Tyrophagus oudemansi

SENEGAL:

Trogoderma granarium

SINGAPORE:

Bemisia tabaci
Pheidole megacephala
Trogoderma granarium

SOLOMON ISLANDS:

Pheidole megacephala

SOUTH AMERICA (country(?)):

Solenopsis saevissima richteri

SOUTH PACIFIC:

Cassida circumdata

Sardia pluto

SOUTHWEST PACIFIC:

Eobia bicolor

SPAIN:

Acrolepis assectella
Brachycerus algirus
Brevipalpus obovatus
B. phoenicis
Bruchus lentis
B. signaticornis
Callidium violaceum
Ceratitis capitata
Chilo suppressalis
Cochlicella barbara
C. conoidea
Cryptoblabes gnidiella
Dactyloctenium aegyptium
Dyspessa ulula
Gymnococcus agavium
Helicella conspurcata
H. maritima
H. neglecta
H. variabilis
Helix aspersa
Laspeyresia splendana
Limax marginatus
Lorryia mali
Ostrinia nubilalis
Otala vermiculata
Parlatoria zizyphus

Countries of Origin and Insects—Continued

SPAIN—Continued

Plusia orichalcea
Rhagoletis cerasi
Rhaphogaster nebulosa
Sesamia nonagrioides
Theba pisana
Thrips angusticeps

SUDAN:

Trogoderma granarium

SURINAM:

Parlatoria cinerea
Subulina octona

SWEDEN:

Acanthothrips coriaceus
Anuraphis cardui
Frankliniella intonsa
Molorchus minor

SWITZERLAND:

Cecilioides acicula
Psylla mali
Stenoptilia stigmatodactyla

TAHITI:

Brevipalpus phoenicis
Dialeurodes kirkaldyi
Morganella longispina
Parlatoria cinerea

TANGANYIKA:

Mamestra brassicae

THAILAND:

Cylas formicarius
Heterobostrychus aequalis
Lepidosaphes punicea
Minthea rugicollis
Parlatoria zizyphus
Trogoderma granarium

TORTOLA:

Aspidiotus destructor

TRINIDAD:

Anastrepha mombinpraeoptans
Euscepes postfasciatus
Monomorium destructor
Nasutitermes costalis
Orthezia praelonga
Palaeopus costicollis
Parlatoria cinerea
Pectinophora gossypiella
Tropidacris latreillei
Vinsonia stellifera

TURKEY:

Ceratitidis capitata
Cochlicella barbara
Ectomyelois ceratoniae
Helicella derbentina
H. striata
Laspeyresia splendana
Pectinophora gossypiella
Theba pisana

UNITED ARAB REPUBLIC:

Ceratitidis capitata
Gnorimoschema ocellatella
Hellula undalis
Lampides boeticus
Pectinophora gossypiella
Trogoderma granarium

UNKNOWN:

Adoxophyes orana
Ancognatha scarabaeoides
Callipogon armillatum
Callosobruchus rhodesianus

Ceratitidis capitata
Chilo suppressalis
Chrysomphalus personatus
Cochlicella ventrosa
Darus oleae
Eriophyes canestrinii
Eucalymnatus tessellatus
Exitianus obscurinervis
Gelechia ericetella
Grapholitha janthiana (?)
Helicella itala
H. striata
H. variabilis
Helix pomatia
Laspeyresia strobilella
Listronotus palustris
Lobesia botrana (?)
Monomorium destructor
Myzus ascalonicus
Nezara viridula
Onthophagus taurus
Parlatoria cinerea
P. zizyphus
Phytomyza rufipes
Plagionotus arcuatus
Porphyrobaphis iostoma
Pseudococcus gahani
Rhagoletis cerasi
Schoenobius incertulus
Taeniothrips atratus
T. dianthi
"Targionia" hartii
Tetranychus viennensis
Theba pisana
Thrips angusticeps
T. flavus
T. major
Trogoderma granarium
Tropidacris latreillei
Vinsonia stellifera
Xylomeira torquata

VENEZUELA:

Aceria tulipae
Aulacaspis tubercularis
Cerconota anonella
Engonus subcylindricus
Mimosestes sallaei
Neoleucinodes elegantalis
Otosema odorata
Parozaxis antillarum
Synrias diffundens
Vinsonia stellifera

VENEZUELA (?):

Hemiarctus hannu
Minthea rugicollis

VIETNAM:

Cryptothoele minuscula

WEST INDIES (island(?)):

Anastrepha mombinpraeoptans
Unaspis citri

YUGOSLAVIA:

Dyspepsa ulula
Grapholitha janthiana (?)
Homotoma ficus
Laspeyresia splendana
Ostrinia nubilalis
Sitona inguinata

Pests Collected and Reported From July 1, 1960, Through June 30, 1961

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
† <i>Aecidium cannonii</i> Griff.: <i>Fouquieria</i> sp. (leaf).....	Mexico.....	1			Tex.
† <i>Aphelenchoides bicaudatus</i> Imamura: <i>Ipomoea batatas</i> (sweetpotato).....	do.....	1			Tex.
<i>Aphelenchoides fragariae</i> (Ritzema Bos) Christie(?): <i>Bletilla striata</i> (orchid) stem sheath.....	Japan.....			1	N.J.
† <i>Ascochyta caricae</i> Pat.: <i>Carica papaya</i> (papaya).....	Eniwetok, Mexico.....	1	1		Hawaii, Tex.
† <i>Ascochyta citri</i> Penz.: <i>Citrus aurantium</i> (sour orange).....	Japan.....		1		Calif.*
† <i>Ascochyta cycadina</i> Scallia: <i>Cycas revoluta</i> (sago palm).....	Okinawa.....			1	Hawaii.
† <i>Ascochyta passiflorae</i> Penz. & Sacc.: <i>Passiflora</i> sp. (passionflower) fruit.....	Colombia.....	1			Calif.
† <i>Ascochyta phaseolorum</i> Sacc.: <i>Phaseolus vulgaris</i> (bean).....	Brazil.....		2		Calif.,* S.C.
† <i>Asterinema caseariae</i> Bat. & Gayão(?): <i>Marillaria</i> sp. (orchid).....	Costa Rica.....			1	Fla.
<i>Botryosphaeria palmigena</i> (Berk. & Curt.) Bomm. & Rouss.: <i>Chamaedorea elegans</i> (palm) leaf.....	Mexico.....	2			Tex.
† <i>Camarosporium chenopodii</i> Ell. & Ev.: <i>Exomis aryzoides</i> (seed).....	Republic of South Africa.....			1	D.C.
† <i>Camarosporium timonii</i> Cke.: <i>Citrus sinensis</i> (sweet orange).....	Australia.....		1		Hawaii.
† <i>Camarosporium setuliferum</i> (Speg.) Petr. & Syd.: <i>Lophocereus schottii</i> (cactus).....	Mexico.....			1	Ariz.
†Carnation ringspot virus: <i>Dianthus</i> sp. (cutting).....	Denmark.....			1	N.J.
<i>Ceratocystis narcissii</i> (Limber) J. Hunt: <i>Narcissus</i> sp. (bulb).....	England.....			1	Calif.*
<i>Cercospora brachiata</i> Ell. & Ev.: <i>Phaseolus vulgaris</i> var. (string bean).....	Puerto Rico.....	1			P.R.
<i>Cercospora brassicicola</i> P. Henn.: <i>Brassica</i> sp.....	Japan.....		1		P.R.
<i>Cercospora coleroides</i> Sacc.: <i>Casimiroa</i> sp. (leaf).....	Mexico.....	1			Ariz.
† <i>Cercospora moricola</i> Cke.: <i>Morus</i> sp. (mulberry) leaf.....	do.....		1		Tex.
† <i>Cercospora punicae</i> P. Henn.: <i>Punica granatum</i> (pomegranate).....	India.....	1			Hawaii.
† <i>Cercospora vaginiae</i> Krüger: <i>Saccharum</i> sp.....	do.....	1			Hawaii.
† <i>Chaetothyria musarum</i> (Speg.) Th. sensu Batista: <i>Musa paradisiaca</i> (plantain).....	Mexico.....	1			Tex.
<i>Chrysomya ledi</i> d By. var. <i>rhododendri</i> (d By.) Savile: <i>Rhododendron ferrugineum</i> (rock rhododendron).....	Switzerland.....	7			N.J., N.Y.
<i>R. uniflorum</i>	Canada.....			1	Wash.
<i>Rhododendron</i> sp.....	Switzerland.....	7		1	Ill., N.Y.
† <i>Ciliopsis gelatinosa</i> Zimm.: Palm (frond).....	Mexico.....	1			Tex.
† <i>Circinella minor</i> Lendner(?): <i>Citrullus vulgaris</i> (watermelon).....	do.....	1			Tex.
† <i>Coleosporium asterum</i> (Diet.) Syd.: <i>Aster</i> sp.....	Korea.....	1			Wash.
† <i>Colletotrichum dematium</i> (Fr.) Grove f. <i>spinaciae</i> (Ell. & Halst.) Arx: <i>Spinacia oleracea</i> (spinach).....	Japan.....		1		Calif.*
† <i>Coniothecium chomatosporum</i> Cda.(?): <i>Malus sylvestris</i> (apple).....	Australia.....	1			Hawaii.
<i>Coniothyria agaves</i> (Dur. & Mont.) Petr. & Syd.: <i>Agave</i> sp.....	Mexico.....			1	Tex.
† <i>Coniothyrium brevisporum</i> I. Miyake: <i>Oryza sativa</i> (rice) straw.....	China.....	1			Wash.
† <i>Coniothyrium palmicolum</i> (Fr.) Starb.: Palm (seed).....	Mexico.....			1	Ariz.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1960, Through June 30, 1961—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Cricanemoides mutabile</i> Taylor:					
Soil with <i>Delonix regia</i> (flamboyant-tree).....	Mexico.....			1	Tex.
Soil with <i>Philodendron</i> sp.....	do.....			1	Ariz.
Soil with unidentified plant.....	do.....			1	Ariz.
<i>Cryptospora longispora</i> Servazzi:					
<i>Araucaria excelsa</i> (Norfolk-Island-pine) seed....	Australia, Norfolk Island, unknown.			6	Calif.,* Fla., N.J.
<i>Cumminsia mirabilissima</i> (Pk.) Nannf.:					
<i>Mahonia aquifolium</i> (Oregon-grape).....	Canada.....			1	Wash.
<i>Cylindrocarpon candidum</i> (Lk.) Wr.:					
<i>Polygonum aubertii</i> (root).....	Netherlands.....			1	N.J.
† <i>Cylindrocladium scoparium</i> Morg.:					
<i>Stanhopea</i> sp. (orchid) leaf.....	Mexico.....			1	Tex.
† <i>Cylindrosporium toxicodendri</i> Ell. & Ev.:					
<i>Schinus molle</i> (California peppertree).....	do.....	1			Tex.
† <i>Cymadothea trifolii</i> (Fr.) Wolf:					
<i>Trifolium resupinatum</i> (Persian clover) seed....	Pakistan.....			1	D.C.
<i>Cytospora sacchari</i> Butl.:					
<i>Saccharum officinarum</i> (sugarcane) node.....	Mexico.....		1		Tex.
<i>Dendrophoma obscurans</i> (Ell. & Ev.) H. W. Anderson:					
<i>Fragaria</i> sp. (strawberry) leaf.....	France, Germany.....			5	N.Y.
<i>Dendryphon interseminata</i> (Berk. & Rav.) Hughes:					
<i>Dahlia</i> hybrid (root).....	Mexico.....			1	Tex.
† <i>Diaporthe batatis</i> Harter & Field:					
<i>Ipomoea batatas</i> (sweetpotato).....	do.....	1			Ariz.
<i>Didymellina ornithogali</i> Jacques:					
<i>Ornithogalum thyrsoides</i> (Cape chinkerichee)....	Republic of South Africa	1			Mass.
† <i>Didymium squamulosum</i> (Alb. & Schw.) Fr.:					
<i>Chamaedorea elegans</i> (palm) leaf.....	Mexico.....	1			Tex.
† <i>Dinemasporium graminum</i> Lév.:					
<i>Secale cereale</i> (rye) straw jacket.....	Chile(?).....	1			Fla.
<i>Diplodia coccocarpa</i> Sacc.:					
<i>Cocos nucifera</i> (coconut) cap.....	Hawaii, Tahiti.....	3			Calif.*
<i>Diplodia oryzae</i> I. Miyake:					
<i>Oryza sativa</i> (rice) straw.....	Japan.....		31		Calif.*
† <i>Diplodina grossulariae</i> Sacc. & Briard:					
<i>Ribes</i> sp. (stem).....	Norway.....			1	Calif.*
† <i>Discula quercina</i> (West.) Arx:					
<i>Quercus phillyreoides</i>	Japan.....			1	N.J.
<i>Ditylenchus dipsaci</i> (Kühn) Filip.:					
<i>Narcissus</i> 'Beryl', 'Charity May', 'Cobweb', 'Moschatus of Hawthorn', 'Nor-Nor', 'Snipe', 'Stafford'.....	England.....			7	N.J.
<i>N. bulbocodium</i> (petticoat daffodil).....	do.....			1	N.J.
<i>N. bulbocodium</i> var. <i>conspicuus</i>	do.....			1	N.J.
<i>N. filifolius</i>	do.....			1	N.J.
<i>N. juncifolius</i>	do.....			1	N.J.
<i>N. odoratus</i> (campernelle jonquil).....	do.....			1	N.J.
<i>Narcissus</i> sp.....	do.....			1	N.J.
† <i>Dothiorella araucariae</i> (Vogl.) Petr.:					
<i>Araucaria cunninghamii</i> (seed).....	Australia.....			2	Fla.
<i>Araucaria</i> sp. (seed).....	Nicaragua.....			1	Fla.
† <i>Dothiorella barringtoniae</i> (Cke. & Massee) Petr. & Syd.:					
<i>Barringtonia speciosa</i> (India barringtonia).....	Hawaii.....	1			Calif.*
<i>Elsinoe australis</i> Bitanc. & Jenkins:					
<i>Citrus aurantifolia</i> (sour lime).....	Brazil, unknown.....		3		Calif.,* P.R.
<i>C. limon</i> (lemon).....	Argentina, Brazil, unknown.		28		Ala., Calif., Ga., Fla., La., N.Y.
<i>C. paradisi</i> (grapefruit).....	Argentina, Brazil.....		6		Calif.,* Fla., N.Y., Tex.
<i>C. reticulata</i> (Mandarin orange).....	Argentina, unknown.....	6	16		Fla., N.Y.
<i>C. sinensis</i> (sweet orange).....	Argentina, Brazil, unknown, Uruguay.	7	97		Ala., Calif.,* Fla., Ga., Hawaii, La., Md., Mich., N.Y., N.C., Pa., P.R., Tex., Va.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1960, Through June 30, 1961—Continued

Pest and host	Country of origin	Number of in- terceptions in—			Collected in—
		Consump- tion	Nonentry	Propaga- tion	
† <i>Elsinoe lepagei</i> Bitanc. & Jenkins: <i>Pouteria campechiana</i> (leaf).....	Mexico.....	1	---	---	Ariz.
† <i>Elsinoe mangiferae</i> Bitanc. & Jenkins: <i>Mangifera indica</i> (mango).....	Antigua.....	1	---	---	P.R.
† <i>Fusarium solani</i> (Mart.) Appel & Wr. emend Snyd. & Hans.: <i>Solanum tuberosum</i> (potato).....	Peru.....	1	---	---	Fla.
† <i>Gonatobotrys simplex</i> Cda.: <i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	---	1	---	Ariz.
†“Greasy spot”: <i>Citrus</i> sp. (leaf).....	Dominican Republic, Puerto Rico.	2	---	---	P.R.
† <i>Guignardia bidwellii</i> (Ell.) Viala & Ravaz: <i>Vitis</i> sp. (grape).....	Chile.....	1	---	---	N.Y.
<i>Gymnosporangium haraeana</i> Syd.: <i>Juniperus chinensis</i> (pyramid Chinese juniper)	Japan.....	---	---	6	Hawaii, Wash.
<i>J. chinensis</i> var. <i>sargentii</i>	do.....	---	---	2	Hawaii.
<i>Helicotylenchus nannus</i> Steiner: Soil with plants (<i>Asparagus</i> sp., <i>Capsicum</i> <i>annuum</i> , <i>Citrus</i> sp., <i>Echeveria</i> sp., <i>Ficus</i> <i>religiosa</i> , <i>Laurus</i> sp., <i>Tradescantia</i> sp., and unidentified plants).	Mexico.....	---	---	9	Ariz., Tex.
<i>Helminthosporium turcicum</i> Pass.: <i>Zea mays</i> (corn).....	do.....	1	---	---	Ariz.
<i>Heterodera avenae</i> (Wr.) Filip.: Soil with <i>Allium cepa</i> (onion).....	Italy.....	2	---	---	N.Y.
Soil with <i>Allium sativum</i> (garlic).....	do.....	2	---	---	N.Y.
Soil with automobile.....	Sweden.....	1	---	---	Fla.
Soil with propagative material (<i>Citrus limon</i> , <i>Freesia</i> sp., <i>Rosa</i> hybrid, <i>Tulipa</i> sp., and <i>Vitis</i> sp.).	Denmark, England, Germany, Italy.	---	---	6	N.Y.
Soil with <i>Solanum tuberosum</i> (potato).....	Belgium.....	---	1	---	Fla.
<i>Heterodera cacti</i> Filip. & Schuurm. Stek.: Soil with <i>Allium sativum</i> (garlic).....	Mexico.....	---	2	---	N.Y.
Soil with propagative material (<i>Begonia</i> sp., cactus, fern, <i>Philodendron</i> sp., <i>Polygonum</i> <i>tuberosa</i> , and unidentified plants).	Argentina, †Chile, France, Germany, Italy, Mexico, Switzerland.	---	24	---	Ariz., Calif.* Fla., N.Y., Tex.
Soil with railway car.....	Mexico.....	---	1	---	Tex.
<i>Heterodera punctata</i> Thorne: Soil with automobile.....	England.....	1	---	---	Fla.
Soil with propagative material (<i>Amaryllis</i> sp., <i>Begonia</i> sp., cactus, <i>Calluna vulgaris</i> , grass, <i>Gypsophila</i> sp., <i>Philodendron</i> sp., <i>Rosa</i> hy- brid, and unidentified plants).	Austria, Belgium, England, Germany, Mexico, Norway, Switzerland.	---	12	---	Calif.,* Fla., N.J., N.Y., Tex.
Soil with railway car.....	Mexico.....	---	1	---	Tex.
<i>Heterodera rostochiensis</i> Wr.: Soil sample.....	Poland.....	1	---	---	N.Y.
Soil with propagative material (<i>Amaryllis</i> sp., <i>Begonia</i> sp., cactus, <i>Chrysanthemum</i> sp., <i>Dahlia</i> hybrid, <i>Dianthus</i> sp., fern, <i>Fragaria</i> sp., <i>Haworthia papillosa</i> , <i>Hedera</i> sp., <i>Medi-</i> <i>nilla magnifica</i> , <i>Paeonia</i> sp., palm, <i>Pelargo-</i> <i>nium zonale</i> , <i>Trifolium repens</i> var., uniden- tified plants, and <i>Viola</i> sp.).	England, Germany, Ireland, Mexico, Poland, Sweden.	---	19	---	Ariz., Calif.,* D.C., N.J., N.Y., Tex.
Soil with stores (<i>Apium graveolens</i> , <i>A. graveo-</i> <i>lens</i> var. <i>rapaceum</i> , <i>Armoracia lapathifolia</i> , <i>Brassica rapa</i> , <i>Lactuca sativa</i> , and <i>Solanum</i> <i>tuberosum</i>).	Belgium, England, Germany, Nether- lands, Spain.	---	9	---	Calif.,* Fla., N.Y., Tex.
† <i>Hexagonia velutina</i> Pat.: Tree—unidentified.....	China.....	---	1	---	Hawaii.
<i>Kellermannia anomala</i> (Cke.) Hoehn.: <i>Yucca</i> sp.....	Mexico.....	1	---	1	Ariz., Tex.
† <i>Lecanidion atratum</i> (Hedw.) Endl.: <i>Aloe</i> sp. (stem).....	Bermuda.....	1	---	---	N.Y.
† <i>Leptosphaeria coffeigena</i> (Berk. & Curt.) Sacc.: <i>Coffea arabica</i> (Arabian coffee).....	Mexico.....	---	---	1	Tex.
<i>Lophodermium arundinaceum</i> (Fr.) Chev.: <i>Phalaris</i> sp. (?) (mat).....	Germany.....	1	---	---	La.
<i>Phragmites</i> sp. (reed) cane.....	do.....	1	---	---	Oreg.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1960, Through June 30, 1961—Continued

Pest and host	Country of origin	Number of inter-ceptions in—			Collected in—
		Consump- tion	Nonentry	Propaga- tion	
<i>Macrophoma araucariae</i> De Lac. <i>Araucaria cunninghamii</i> (seed).....	New Zealand.....			1	Calif.*
<i>A. excelsa</i> (Norfolk-Island-pine) seed.....	Norfolk Island.....			4	Calif.*
<i>Macrophoma musae</i> (Cke.) Berl. & Vogl. <i>Musa paradisica</i> (plantain).....	†American Samoa, Japan.....	1	1		Hawaii.
<i>M. paradisica</i> var. <i>sapientum</i> (banana) leaf.....	Philippines.....	1			Calif.*
<i>Musa</i> sp. (fruit and leaf).....	†Guam, Japan, Philip- pines, †Singapore.....	6	1		Hawaii.
<i>Macrophoma oleae</i> (DC.) Berl. & Vogl. <i>Olea europaea</i> (olive).....	Italy.....	1			N.Y.
<i>Melampsora abietis-capraearum</i> Tub. <i>Salix</i> sp. (willow) herbarium specimen.....	Mexico.....	1			Ariz.
<i>Meloidogyne arenaria</i> (Neal) Chitwood: <i>Alocasia</i> sp. (rhizome).....	do.....			1	Tex.
<i>Caladium x hortulanum</i> 'Candidum' (tuber).....	Guatemala.....			2	N.J.
<i>Caladium</i> sp. (tuber).....	do.....			1	N.J.
<i>Dioscorea</i> sp. (yam) root.....	Japan.....		1		Calif.*
<i>Gerbera</i> sp. (root).....	do.....			1	Calif.*
† <i>Meloidogyne arenaria arenaria</i> (Neal) Chitwood: <i>Zantedeschia aethiopica</i> (calla lily).....	do.....			1	La.
<i>Meloidogyne hapla</i> Chitwood: <i>Begonia</i> sp. (tuber).....	do.....			1	Wash.
<i>Clematis</i> sp. (root).....	Netherlands.....			1	N.Y.
<i>Gerbera</i> sp. (pip).....	Japan.....			2	Calif.*
<i>Leontopodium alpinum</i> (common edelweiss) root.....	Netherlands.....			1	N.Y.
<i>Phygelius capensis</i> (capefuchsia).....	England.....			1	N.J.
<i>Rosa</i> hybrids.....	Germany.....			2	N.J.
<i>Viburnum fragrans</i> (root).....	Netherlands.....			1	N.Y.
<i>Meloidogyne incognita</i> (Kofoid & White) Chit- wood: <i>Asparagus</i> sp. (root).....	Mexico.....			1	Tex.
<i>Beta vulgaris</i> (beet).....	do.....	6			Tex.
<i>Daucus carota</i> var. <i>sativa</i> (carrot) root.....	do.....	1			Tex.
<i>Meloidogyne incognita acrita</i> Chitwood: <i>Coriandrum sativum</i> (coriander) root.....	do.....	1			Tex.
<i>Gardenia</i> sp. (root).....	do.....			1	Tex.
<i>Polianthes tuberosa</i> (tuberose).....	Italy.....			1	N.Y.
<i>Zantedeschia</i> sp. (calla lily) tuber.....	Mexico.....			1	Calif.*
<i>Meloidogyne javanica</i> (Treub) Chitwood: <i>Asparagus myriocladus</i>	Japan.....			1	Calif.*
<i>Asparagus x sieberianus</i>	do.....			1	Calif.*
<i>Cussonia</i> sp. (root).....	Republic of South Africa.....			1	N.J.
<i>Daucus carota</i> var. <i>sativa</i> (carrot) root.....	Mexico.....	1			Tex.
<i>Euphorbia multiceps</i> (root).....	Republic of South Africa.....			1	Calif.*
<i>Zantedeschia aethiopica</i> (calla lily) tuber.....	Argentina.....			1	N.J.
† <i>Menispora acicola</i> Ell. & Ev.: <i>Theobroma cacao</i> (cacao) pod.....	Mexico.....	1			Tex.
† <i>Menispora ciliata</i> Cda.: <i>Theobroma cacao</i> (cacao) pod.....	do.....	1			Tex.
† <i>Mycosphaerella berberidis</i> (Auers.) Lindau: <i>Mahonia</i> sp.....	Japan.....			1	Hawaii.
† <i>Mycosphaerella molteriana</i> (Thuem.) Lindau: <i>Eucalyptus</i> sp. (leaf).....	Australia.....	1			Hawaii.
<i>Mycosphaerella schoenoprasii</i> (Ces. & de N.) Schroet.: <i>Allium cepa</i> (onion) top.....	Belgium, Japan.....	8			Calif.*
<i>A. fistulosum</i> (Welsh onion) top.....	Japan.....	4			Calif.* N.Y.
<i>A. porrum</i> (leek) top.....	†Australia, Belgium, Japan.....	42			Calif.* P.R.
<i>A. sativum</i> (garlic) top.....	†Germany.....	1			Calif.*
<i>Allium</i> spp.....	Japan.....	3			Calif.*
† <i>Mycosphaerella serrulatae</i> (Ell. & Ev.) Diehl: Palm (leaf).....	Colombia.....	1			Fla.
† <i>Myiocopron affine</i> Penz. & Sacc.: <i>Agave</i> sp.....	Mexico.....			1	Tex.
† <i>Myiocopron corrientum</i> Speg.: <i>Diactrium</i> sp. (orchid).....	Costa Rica.....			1	Fla.
<i>Neovossia horrida</i> (Tak.) Padw. & A. Khan: <i>Oryza sativa</i> (rice).....	India, Japan, †Korea, Philippines.....	2	130		Calif.* Wash.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1960, Through June 30, 1961—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
† <i>Oidium macrosporum</i> (Farl.) Linder: <i>Ricinus communis</i> (castorbean).....	Mexico.....	1	-----	-----	Ariz.
† <i>Olpitrichum macrosporum</i> (Farl.) Sumstine: <i>Oryza sativa</i> (rice) straw.....	Japan.....	1	-----	-----	Calif.*
<i>Papularia sphaerosperma</i> (Lk.) Hoehn.: Bamboo (leaf).....	Mexico.....	-----	1	-----	Tex.
<i>Strongylodon macrobotrys</i> ("jade vine").....	†Philippines.....	-----	-----	1	Calif.*
† <i>Periconia pulla</i> (Bon.) Sacc.: <i>Oryza sativa</i> (rice) straw rope.....	Japan.....	-----	1	-----	Calif.*
† <i>Peronospora destructor</i> (Berk.) Casp.: <i>Allium cepa</i> (onion) top.....	do.....	-----	1	-----	Calif.*
<i>Peronospora parasitica</i> Fr.: <i>Brassica oleracea</i> var. <i>capitata</i> (cabbage).....	Netherlands.....	-----	1	-----	Tex.
† <i>Phakopsora jatrophiicola</i> Cumm.: <i>Jatropha curcas</i> (Barbados-nut) leaf.....	Dominican Republic.....	1	-----	-----	P.R.
† <i>Phoma acicola</i> (Lév.) Sacc.: <i>Pinus</i> spp.....	Thailand.....	1	-----	-----	Calif.*
<i>Phoma citricarpa</i> McAlp.: <i>Citrus aurantium</i> (sour orange).....	Japan.....	-----	6	-----	Calif.,* Wash.
<i>C. grandis</i> (pummelo).....	Asia (country(?)), China, unknown.....	3	-----	-----	Calif.,* Hawaii, Mich.
<i>C. limon</i> (lemon).....	Australia, Fiji, Formosa, Japan, New Zealand, unknown.....	2	43	-----	Calif.,* Hawaii, Mass., Mich., N.Y., N.C., Pa.
<i>C. medica</i> (Chinese citron).....	Japan.....	-----	1	-----	Tex.
<i>C. paradisi</i> (grapefruit).....	Australia, Fiji, Japan.....	2	1	-----	Calif.,* Hawaii.
<i>C. paradisi</i> x <i>C. reticulata</i> (tangelo).....	Japan.....	-----	1	-----	Hawaii.
<i>C. reticulata</i> (Mandarin orange).....	China, Formosa, Hong Kong, Japan, unknown.....	63	5	-----	Calif.,* Hawaii.
<i>C. sinensis</i> (sweet orange).....	Africa (country(?)), Australia, Brazil, China, Formosa, Hong Kong, Japan, Mozambique, Republic of South Africa, unknown, West Pacific.....	74	40	-----	Ala., Calif.,* Fla., Hawaii, La., Mass., Md., Mich., Minn., N.J., N.Y., Pa., P.R., Tex., Wash.
<i>Citrus</i> sp. (peel).....	Asia (country(?)), China, Hong Kong, unknown.....	14	-----	-----	Ariz., Fla., Ill., Mass., Mich., Tex.
† <i>Phoma equisetii</i> Desm.: <i>Equisetum</i> sp. (horsetail).....	Japan.....	-----	-----	1	Hawaii.
† <i>Phoma lineolata</i> Desm.: <i>Larix decidua</i> (European larch) seed.....	Scotland.....	-----	-----	1	N.J.
† <i>Phoma malisiorica</i> Bub.: <i>Clematis dioscoreifolia</i> var. <i>robusta</i> (sweet autumn clematis) seed.....	Japan.....	-----	-----	1	N.J.
† <i>Phoma oryzae</i> Cke. & Mass.: <i>Oryza sativa</i> (rice) straw.....	China, India.....	3	-----	-----	Calif.,* Wash.
<i>Phomopsis cocoas</i> Petch: <i>Cocos nucifera</i> (coconut).....	Hawaii.....	2	-----	-----	Calif.*
<i>Phomopsis mahoniae</i> Grove(?): <i>Mahonia</i> sp.....	Japan.....	-----	-----	1	Hawaii.
<i>Phomopsis occulta</i> Trav. var. <i>ginkgoina</i> Grove: <i>Ginkgo biloba</i> (ginkgo) dwarf tree.....	do.....	-----	-----	1	Calif.*
<i>Phomopsis palmicola</i> (Wint.) Sacc.: <i>Areca cathecu</i> (betel palm) nut.....	Guam.....	1	-----	-----	Hawaii.
<i>Phomopsis pterophila</i> (Fckl.) Died.: <i>Frazinus excelsior</i> (European ash) seed.....	Italy.....	-----	-----	1	N.J.
† <i>Phyllachora boutelouae</i> Rehm: <i>Bouteloua curtipendula</i> (sideoats grama).....	Mexico.....	-----	-----	1	Tex.
<i>B. gracilis</i> (blue grama).....	do.....	-----	-----	1	Tex.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1960, Through June 30, 1961—Continued

Pest and host	Country of origin	Number of in- terceptions in—			Collected in—
		Consump- tion	Nonentry	Propaga- tion	
† <i>Phyllachora vulgata</i> Th. & Syd.: <i>Muhlenbergia</i> sp. (muhly grass)	Mexico	---	---	1	Ariz.
<i>Phyllosticta aucubicola</i> Sacc.: <i>Aucuba japonica</i> 'Croton'	Belgium	---	---	1	N.J.
<i>Phyllosticta draconis</i> Berk.: <i>Cordyline terminalis</i> (ti) leaf	Hawaii	---	---	2	Calif.*
† <i>Phyllosticta kalmicola</i> (Schw.) Ell. & Ev.: <i>Laurus</i> sp. (laurel) leaf	Mexico	1	---	---	Tex.
<i>Phyllosticta mortoni</i> Fairm.: <i>Mangifera indica</i> (mango) leaf	do	1	---	---	Tex.
† <i>Phyllosticta quercus</i> Sacc. & Speg.: <i>Quercus garryana</i> (Oregon white oak) leaf	Canada	1	---	---	Wash.
† <i>Phyllosticta salicifoliae</i> P. Brun.: <i>Metrosideros</i> sp. (iron tree)	Australia	1	---	---	Hawaii.
† <i>Phyllostictina cordylines</i> (Thuem.) Petr. & Syd.: <i>Cordyline terminalis</i> (ti)	Hawaii	5	---	---	Hawaii.
<i>Phyllostictina mangiferae</i> Batista & Vital: <i>Mangifera indica</i> (mango) leaf	Mexico	2	---	---	Tex.
<i>Physalospora wildevaniana</i> Sacc.: <i>Oncidium cebolleta</i> (orchid)	do	---	---	1	Tex.
<i>Pratylenchus penetrans</i> (Cobb) Chitwood & Oteifa: <i>Dahlia</i> hybrid (root)	Australia	---	---	1	N.J.
<i>Pratylenchus pratensis</i> (deMan) Filip.: <i>Pelargonium</i> sp. (geranium)	Mexico	---	---	1	Tex.
<i>Prospodium appendiculatum</i> (Wint.) Arth.: <i>Tecoma stans</i>	do	1	---	---	Ariz.
† <i>Prospodium perornatum</i> Syd.: <i>Tabebuia rosea</i> (trumpet-tree)	do	1	---	---	Ariz.
† <i>Prospodium pithecoctenii</i> (Paz.) Cum.: <i>Pithecoctentium echinatum</i> (Mexican monkey- comb)	do	2	---	---	Ariz., Tex.
† <i>Pseudomonas gardeniae</i> (Burkh. & Pirone) Dows.: <i>Gardenia jasminoides</i> (leaf)	do	1	---	---	Ill.
† <i>Pseudomonas syringae</i> v. Hall: <i>Citrus limon</i> (lemon)	Republic of South Africa	---	1	---	Calif.
<i>Psilenchus hilarulus</i> deMan: <i>Mesembryanthemum</i> sp.	Mexico	---	---	1	Tex.
Soil with unidentified plant	do	---	---	1	Ariz.
<i>Puccinia arenariae</i> (Schum.) Wint.: <i>Dianthus barbatus</i> (sweetwilliam) leaf	England	---	1	---	Mass.
<i>Puccinia baccharidis</i> Diet. & Holw.: <i>Baccharis</i> sp.	Mexico	1	---	---	Ariz.
† <i>Puccinia blasdalei</i> Diet. & Holw.: <i>Allium sativum</i> (garlic)	France(?)	---	1	---	Min.
<i>Puccinia boutelouae</i> (Jennings) Holw.: <i>Bouteloua curtipendula</i> (sideoats grama)	Mexico	---	---	1	Tex.
<i>Puccinia buxi</i> D.C.: <i>Buxus</i> sp. (boxwood) leaf	France, Ireland	1	---	1	Calif., *Mass.
<i>Puccinia carthami</i> Cda.: <i>Carthamus tinctorius</i> (safflower)	Mexico	---	1	---	Calif.
† <i>Puccinia hordei</i> Otth: <i>Hordeum vulgare</i> (barley) straw	Kenya	1	---	---	Wash.
<i>Puccinia horiana</i> P. Henn.: <i>Chrysanthemum morifolium</i> (florists chrysan- themum)	Japan	5	4	---	Alaska, Hawaii, Wash., Calif.,* Hawaii.
<i>Chrysanthemum</i> sp.	do	4	1	1	Calif.,* Hawaii.
<i>Puccinia kusanoi</i> Diet.: Bamboo (leaf)	do	1	---	---	D.C.
† <i>Puccinia magnusiana</i> Koern.: <i>Phragmites</i> sp. (reed) cane	Germany	1	---	---	Oreg.
† <i>Puccinia noccae</i> Arth.: <i>Lagascea glandulosa</i> (herbarium specimen)	Mexico	1	---	---	Ariz.
<i>Puccinia oblecta</i> Pk.: <i>Scirpus</i> sp. (bulrush) straw	Mexico, †Portugal	4	---	---	Fla., Tex.
<i>Puccinia strii</i> orms West.: <i>Secale cereale</i> (rye) leaf	Japan	---	1	---	Wash.
Straw—unidentified	do	---	1	---	Fla.
† <i>Puccinia thaliae</i> Diet.: <i>Canna</i> sp. (leaf)	Venezuela	1	---	---	N.Y.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1960, Through June 30, 1961—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Pyrenochaeta oryzae</i> I. Miyake:					
<i>Oryza sativa</i> (rice) straw	†Formosa	1			Calif.*
<i>Radopholus similis</i> (Cobb) Thorne:					
<i>Anthurium</i> sp. (root)	Hawaii			1	Calif.*
<i>Ravenelia papillifera</i> Syd.:					
<i>Cassia</i> sp., probably <i>bauhinioides</i>	Mexico	1			Ariz.
† <i>Rhizosphaera pini</i> (Cda.) Maubl.:					
<i>Pinus</i> sp. (pine)	Thailand			1	Calif.*
<i>Rhytisma punctatum</i> (Pers.) Fr.:					
<i>Acer circinatum</i> (vine maple) leaf	Canada	1			Wash.
<i>Scutellonema brachyurum</i> (Steiner) Andrassy:					
Soil with <i>Crassula</i> sp. plant	Mexico			1	Tex.
Soil with <i>Saintpaulia</i> sp. plant	do			1	Ariz.
† <i>Scutellonema christiei</i> (Golden & Taylor) Andrassy:					
Soil with <i>Philodendron</i> sp.	do			1	Ariz.
† <i>Septonema toruloides</i> Berl.:					
<i>Oryza sativa</i> (rice) hull	Japan		1		Calif.*
<i>Septoria azaleae</i> Vogl.:					
<i>Rhododendron japonicum</i> 'Adonis'	Netherlands			1	N.J.
<i>Septoria citri</i> Pass.:					
<i>Citrus limon</i> (lemon)	Italy, Japan, Spain		4		Calif.,* N.Y.
<i>C. sinensis</i> (sweet orange)	Japan, Spain, unknown	1	7		Calif.,* Tex.
† <i>Septoria curvula</i> I. Miyake:					
<i>Oryza sativa</i> (rice) straw rope and mat	Japan		2		Calif.*
<i>Septoria oryzae</i> Catt.:					
<i>Oryza sativa</i> (rice) straw	do		43		Calif.*
† <i>Septoria pruni</i> Ell.:					
<i>Prunus</i> sp. (leaf)	Italy			1	N.Y.
† <i>Sirodesmium granulosum</i> de N.:					
<i>Cocos nucifera</i> (coconut) cap	Mexico	1			Calif.*
<i>Sphaceloma fawcettii</i> Bitanc. & Jenkins. var. <i>scabiosa</i> (McAlp. & Tryon) Jenkins:					
<i>Citrus aurantifolia</i> (lime)	Australia		1		Hawaii.
<i>C. limon</i> (lemon)	do	1	1		Hawaii.
<i>C. sinensis</i> (sweet orange)	do		1		Va.
<i>Sphaceloma punicea</i> Bitanc. & Jenkins:					
<i>Punica granatum</i> (pomegranate)	Italy, Mexico	3			N.Y., Tex.
<i>Sphaerodothis pringlei</i> (Pk.) Th. & Syd.:					
<i>Agave</i> sp.	Mexico			1	Tex.
<i>Sphaeropsis malorum</i> Pk.:					
<i>Euonymus europaeus</i> 'Intermedius'	Canada			1	N.J.
<i>Sphenospora kevorkianii</i> Linder:					
<i>Epidendrum</i> sp. (orchid) leaf	Bahamas, British Honduras, †Haiti, Honduras, unknown.			12	Fla.
<i>Gongora</i> sp. (orchid) leaf	†Peru			1	Fla.
<i>Ionopsis</i> sp. (orchid) leaf	Jamaica			1	Fla.
<i>Oncidium nanum</i> (orchid) leaf	†Brazil			1	Fla.
<i>O. pulchellum</i> (orchid) leaf	†Haiti			1	Fla.
<i>O. stipitatum</i> (orchid) leaf	†Canal Zone			1	Fla.
<i>Oncidium</i> sp.	British Honduras, Cuba, Jamaica, †Peru			2	Fla.
<i>Rodriguezia batemanni</i> (orchid) leaf	†Peru			1	Fla.
<i>R. decora</i> (orchid) leaf	do			1	Fla.
<i>Rodriguezia</i> sp.	do			1	Fla.
† <i>Sphenospora mera</i> Cum.:					
<i>Bletia</i> sp. (?) (orchid) leaf	Bahamas			1	Fla.
<i>Catasetum</i> sp. (orchid) leaf	Peru			2	Fla.
<i>Mormodes</i> sp. (?) (orchid) leaf	do			1	Fla.
† <i>Sphenospora saphena</i> Cum.:					
<i>Oncidium pulchellum</i> (orchid)	Haiti, Jamaica			2	Fla.
<i>Oncidium</i> sp.	Peru			1	Fla.
<i>Oncidium</i> sp.	Haiti			1	Fla.
† <i>Sphenospora saphena</i> Cum. (?)					
<i>Ionopsis utricularioides</i> (orchid) leaf	Jamaica	1			Fla.
<i>Stomatogone agaves</i> (Ell. & Ev.) Th.:					
<i>Agave</i> sp.	Mexico	1		1	Ariz.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1960, Through June 30, 1961—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Tylenchorhynchus capitatus</i> M. W. Allen: Soil with <i>Citrus</i> sp. plant.....	Mexico.....	-----	-----	1	Ariz.
<i>Tylenchus costatus</i> deMan: Soil with <i>Saintpaulia</i> sp. plant.....	do.....	-----	-----	1	Ariz.
† <i>Tylenchus filiformis</i> Bütschli: Soil with <i>Saintpaulia</i> sp. plant.....	do.....	-----	-----	1	Ariz.
<i>Uredo behnickiana</i> P. Henn.: <i>Epidendrum prismatocarpum</i> (orchid) leaf.....	Costa Rica.....	-----	-----	1	Fla.
<i>E. radiatum</i>	Panama.....	-----	-----	1	Fla.
<i>Epidendrum</i> sp.....	Costa Rica, Nicaragua.....	-----	-----	2	Fla.
<i>Laelia anceps</i> (orchid).....	Mexico.....	-----	-----	3	Tex.
<i>Oncidium forbesii</i> (orchid) leaf.....	Brazil.....	-----	-----	1	Fla.
<i>O. varicosum</i> var. <i>rogersii</i> leaf.....	do.....	-----	-----	2	Fla.
<i>Oncidium</i> sp.....	do.....	-----	-----	1	Fla.
Orchid (leaf).....	Costa Rica.....	-----	-----	1	Calif.*
<i>Schomburgkia</i> sp. (orchid) leaf.....	†Peru.....	-----	-----	1	Fla.
<i>Uredo epidendri</i> P. Henn.: <i>Ionopsis utricularioides</i> (orchid).....	Trinidad.....	-----	-----	1	Hawaii.
<i>Ionopsis</i> sp.....	Jamaica.....	-----	-----	4	Fla.
<i>Oncidium triquetrum</i> (?) (orchid).....	do.....	-----	-----	1	Fla.
<i>Oncidium</i> sp.....	Trinidad.....	-----	-----	1	Hawaii.
Orchid (leaf).....	Costa Rica, Honduras, Nicaragua.....	-----	-----	3	Calif.* Fla.
<i>Rodriguezia secunda</i> (orchid).....	Trinidad.....	-----	-----	1	Hawaii.
<i>Rodriguezia</i> sp.....	†Peru.....	-----	-----	1	Fla.
<i>Trigonidium egertonianum</i> (orchid) leaf.....	British Honduras.....	-----	-----	1	Fla.
<i>Trizeuxis falcata</i> (orchid).....	Trinidad.....	-----	-----	2	Hawaii.
<i>Uredo guacae</i> Mayor: <i>Epidendrum</i> sp. (orchid) leaf.....	Honduras, Jamaica.....	-----	-----	2	Fla.
<i>Miltonia roezlii</i> (orchid) leaf.....	Canal Zone.....	-----	-----	1	Fla.
<i>Odontoglossum</i> sp. (orchid).....	Mexico.....	-----	-----	1	Ariz.
Orchid (leaf).....	Ecuador, Panama.....	-----	-----	4	Fla.
<i>Ornithocephalus</i> sp. (orchid).....	Peru.....	-----	-----	1	Fla.
<i>Sobralia leucozantha</i> (orchid).....	Mexico.....	-----	-----	1	Tex.
<i>Stanhopea</i> sp. (orchid).....	Peru.....	-----	-----	1	Fla.
<i>Tetramicra parviflora</i> (orchid).....	Jamaica.....	-----	-----	1	Fla.
<i>Zygostates lunata</i> (orchid).....	Brazil.....	-----	-----	1	Fla.
† <i>Uredo monsterae</i> Syd.: <i>Philodendron</i> sp. (?) (leaf).....	Canal Zone.....	-----	-----	1	Fla.
<i>Uredo nidularii</i> P. Henn.: Bromellad (leaf).....	†Costa Rica.....	-----	-----	2	Fla.
<i>Tillandsia lucida</i> (leaf).....	Mexico.....	-----	-----	1	Tex.
<i>Tillandsia</i> sp.....	do.....	-----	-----	2	Ariz., Tex.
<i>Uredo oncidii</i> P. Henn.: <i>Huntleya</i> sp. (orchid) leaf.....	Costa Rica.....	-----	-----	1	Fla.
<i>Oncidium bicallosum</i> (orchid).....	Guatemala.....	-----	-----	1	Fla.
<i>O. carthagenense</i>	†Surinam.....	-----	-----	1	Fla.
<i>O. papilio</i>	Trinidad.....	-----	-----	1	Fla.
<i>Oncidium</i> sp.....	British Honduras, Honduras, Mexico, Panama, Peru, unknown.....	-----	-----	9	Fla., Hawaii.
<i>Ornithocephalus</i> sp. (orchid) leaf.....	Panama, Peru.....	-----	-----	2	Fla.
<i>Rodriguezia</i> sp. (?) (orchid) leaf.....	Peru.....	-----	-----	1	Fla.
<i>Uromyces aloes</i> (Cke.) Magn.: <i>Aloe dewetii</i>	Republic of South Africa.....	-----	-----	1	Tex.
<i>A. simii</i>	do.....	-----	-----	1	Tex.
<i>A. vryheidensis</i>	do.....	-----	-----	1	Tex.
<i>Uromyces fabae</i> (Grev.) Cke.: <i>Lens culinaris</i> (lentil).....	Chile, unknown.....	-----	2	-----	Minn., Wash.
<i>Lens</i> sp. (pod).....	†Argentina, Chile.....	2	-----	-----	N. Y., Pa.
<i>Vicia faba</i> (broadbean) pod.....	Netherlands.....	-----	1	-----	Minn.
<i>Uromyces lespeziae-procumbentis</i> (Schw.) Curt.: <i>Lespedeza bicolor</i> (shrub <i>lespedeza</i>) seed.....	Japan.....	-----	-----	2	Calif.*
<i>Lespedeza</i> sp. (leaf with seed).....	†Pakistan.....	-----	-----	1	D. C.
<i>Ustilago tritici</i> (Pers.) Rostr.: <i>Triticum aestivum</i> (wheat).....	Mexico.....	1	-----	-----	Tex.
<i>Volutella pachysandricola</i> B. O. Dodge: <i>Pachysandra terminalis</i>	Netherlands.....	-----	-----	1	N. J.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1960, Through June 30, 1961—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Xanthomonas citri</i> (Hasse) Dowson: <i>Citrus aurantifolia</i> (lime)-----	India, Philippines, Thailand.	2	2	-----	Calif.,* Hawaii, Md.
<i>C. aurantium</i> (sour orange)-----	Japan-----	-----	13	-----	Calif.,* Pa., Tex., Wash.
<i>C. grandis</i> (pummelo)-----	.....do-----	-----	1	-----	Calif.,*
<i>C. ichangensis</i> x <i>C. reticulata</i> (ichandarin)-----	.....do-----	-----	1	-----	Calif.,*
<i>C. limon</i> (lemon)-----	Hong Kong, Japan-----	-----	18	-----	Calif.,* N.Y., Pa.
<i>C. paradisi</i> (grapefruit)-----	China, India, Japan, Philippines, unknown.	-----	10	-----	Calif.,* Ga., Pa., Tex., Wash.
<i>C. reticulata</i> (Mandarin orange)-----	China, Japan-----	2	1	-----	Calif.,* Hawaii.
<i>C. reticulata</i> 'Unshiu' (Satsuma orange)-----	Japan-----	-----	1	-----	N.Y.
<i>C. sinensis</i> (sweet orange)-----	China, Formosa, Hong Kong, Japan, un- known, Vietnam.	11	63	-----	Calif.,* Hawaii, Ill., Md., N.Y., Pa., Wash.
<i>Citrus</i> sp.-----	Hong Kong, Japan-----	1	1	-----	Calif.,* Tex.
<i>Xanthomonas</i> sp. (Cancrosis B): <i>Citrus limon</i> (lemon)-----	Argentina, unknown-----	-----	3	-----	Fla., La., N.Y.
<i>C. paradisi</i> (grapefruit)-----	Argentina, unknown-----	-----	2	-----	Calif.,* N.Y.

An asterisk (*) indicates State inspection.

A dagger (†) indicates a first interception from the country named.

A double dagger (‡) indicates a first interception by Division inspectors.

Hosts and Diseases

- ACER:**
Rhytisma punctatum (Ascomycetes)
- ACAVE:**
Coniothyria agaves (Deuteromycetes)
Myriocopron affine (Deuteromycetes)
Sphaerodothis pringlei (Ascomycetes)
Stomatogone agaves (Ascomycetes)
- ALLIUM CEPA:**
Mycosphaerella schoenoprasii (Ascomycetes)
Peronospora destructor (Phycomycetes)
- ALLIUM FISTULOSUM:**
Mycosphaerella schoenoprasii (Ascomycetes)
- ALLIUM PORRUM:**
Myco-sphaerella schoenoprasii (Ascomycetes)
- ALLIUM SATIVUM:**
Myco-sphaerella schoenoprasii (Ascomycetes)
Puccinia blasdalei (Promycetes)
- ALLIUM SP.:**
Mycosphaerella schoenoprasii (Ascomycetes)
- ALOCASIA:**
Meloidogyne arenaria (Nematoda)
- ALOE:**
Lecanidion atratum (Ascomycetes)
Uromyces aloes (Promycetes)
- ANTHURIUM:**
Radopholus similis (Nematoda)
- ARAUCARIA:**
Cryptospora longispora (Ascomycetes)
Dothiorella araucariae (Deuteromycetes)
Macrophoma araucariae (Deuteromycetes)
- ARECA:**
Phomopsis palmicola (Deuteromycetes)
- ASPARAGUS:**
Meloidogyne incognita (Nematoda)
M. javanica (Nematoda)
- ASTER:**
Coleosporium asterum (Promycetes)
- AUCUBA:**
Phyllosticta aucubicola (Deuteromycetes)
- BACCHARIS:**
Puccinia baccharidis (Promycetes)
- BAMBOO:**
Papularia sphaerosperma (Deuteromycetes)
Puccinia kusanii (Promycetes)
- BARRINGTONIA:**
Dothiorella barringtoniae (Deuteromycetes)
- BEGONIA:**
Meloidogyne hapla (Nematoda)
- BETA:**
Meloidogyne incognita (Nematoda)
- BLETIA (?)**
Sphenospora mera (Promycetes)
- BLETILLA:**
Aphelenchoides fragariae (?) (Nematoda)
- BOUTELOUA:**
Phyllachora boutelouae (Ascomycetes)
Puccinia boutelouae (Promycetes)
- BRASSICA OLERACEA VAR. CAPITATA:**
Peronospora parasitica (Phycomycetes)
- BRASSICA SP.:**
Cercospora brassicola (Deuteromycetes)
- BROMELIAD:**
Uredo nidularii (Promycetes)
- BUXUS:**
Puccinia buxi (Promycetes)
- CALADIUM:**
Meloidogyne arenaria (Nematoda)
- CANNA:**
Puccinia thaliae (Promycetes)
- CARICA:**
Ascochyta caricae (Deuteromycetes)
- CARTHAMUS:**
Puccinia carthami (Promycetes)
- CASIMIROA:**
Cercospora coleroides (Deuteromycetes)
- CASSIA:**
Ravenelia papillifera (Promycetes)
- CATASETUM:**
Sphenospora mera (Promycetes)
- CHAMAEDOREA:**
Botryosphaeria palmigena (Ascomycetes)
Didymium squamulosum (Myxomycetes)
- CHRYSANTHEMUM:**
Puccinia horiana (Promycetes)
- CITRULLUS:**
Circinella minor (?) (Phycomycetes)
- CITRUS AURANTIFOLIA:**
Elsinoe australis (Ascomycetes)
Sphaceloma fawcettii var. *scabiosa* (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS AURANTIUM:**
Ascochyta citri (Deuteromycetes)
Phoma citricarpa (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS GRANDIS:**
Phoma citricarpa (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS ICHANGENSIS X C. RETICULATA:**
Xanthomonas citri (Schizomycetes)
- CITRUS LIMON:**
Elsinoe australis (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Pseudomonas syringae (Schizomycetes)
Septoria citri (Deuteromycetes)
Sphaceloma fawcettii var. *scabiosa* (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
Xanthomonas sp. (Cancrosis B) (Schizomycetes)
- CITRUS MEDICA:**
Phoma citricarpa (Deuteromycetes)
- CITRUS PARADISI:**
Elsinoe australis (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
Xanthomonas sp. (Cancrosis B) (Schizomycetes)
- CITRUS PARADISI X C. RETICULATA:**
Phoma citricarpa (Deuteromycetes)
- CITRUS RETICULATA:**
Elsinoe australis (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS RETICULATA 'UNSHU':**
Xanthomonas citri (Schizomycetes)
- CITRUS SINENSIS:**
Camarosporium limonii (Deuteromycetes)
Elsinoe australis (Ascomycetes)
Phoma citricarpa (Deuteromycetes)
Septoria citri (Deuteromycetes)
Sphaceloma fawcettii var. *scabiosa* (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS SP.:**
 "Greasy spot"
Phoma citricarpa (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CLEMATIS:**
Meloidogyne hapla (Nematoda)
Phoma malisoricata (Deuteromycetes)
- COCOS:**
Diplodia coccocarpa (Deuteromycetes)
Phomopsis coccos (Deuteromycetes)
Sirodesmium granulosum (Deuteromycetes)
- COFFEA:**
Leptosphaeria coffeigena (Ascomycetes)
- CORDYLINE:**
Phyllosticta draconis (Deuteromycetes)
Phyllostictina cordylines (Deuteromycetes)
- CORIANDRUM:**
Meloidogyne incognita acrita (Nematoda)
- CUSONIA:**
Meloidogyne javanica (Nematoda)
- CYCAS:**
Ascochyta cycadina (Deuteromycetes)
- DAHLIA:**
Dendryphon interseminata (Deuteromycetes)
Pratylenchus penetrans (Nematoda)
- DAUCUS:**
Meloidogyne incognita (Nematoda)
M. javanica (Nematoda)
- DIACRUM:**
Myriocopron corrientum (Deuteromycetes)
- DIANTHUS:**
Carnation ringspot virus
Puccinia arenariae (Promycetes)
- DIOSCOREA:**
Meloidogyne arenaria (Nematoda)

Hosts and Diseases—Continued

- EPIDENDRUM:**
 †*Sphenospora kevorkianii* (Promycetes)
Uredo behnickiana (Promycetes)
U. guacae (Promycetes)
- EQUISETUM:**
 †*Phoma equisetii* (Deuteromycetes)
- EUCALYPTUS:**
 †*Mycosphaerella molleriana* (Ascomycetes)
- EUONYMUS:**
Sphaeropsis malorum (Deuteromycetes)
- EUPHORBIA:**
Meloidogyne javanica (Nematoda)
- EXOMIS:**
 †*Camarosporium chenopodii* (Deuteromycetes)
- FOUQUIERIA:**
 †*Aecidium cannonii* (Promycetes)
- FRAGARIA:**
Dendrophoma obscurans (Deuteromycetes)
- FRAXINUS:**
Phomopsis pterophila (Deuteromycetes)
- GARDENIA:**
Meloidogyne incognita acrita (Nematoda)
 †*Pseudomonas gardeniae* (Schizomycetes)
- GERBERA:**
Meloidogyne arenaria (Nematoda)
M. hapla (Nematoda)
- GINKGO:**
Phomopsis occulta var. *ginkgoina* (Deuteromycetes)
- GONGORA:**
 †*Sphenospora kevorkianii* (Promycetes)
- HORDEUM:**
 †*Puccinia hordei* (Promycetes)
- HUNTLEYA:**
Uredo oncidii (Promycetes)
- IONOPSIS:**
Sphenospora kevorkianii (Promycetes)
 †*S. saphena* (?) (Promycetes)
Uredo epidendri (Promycetes)
- IPOMOEA:**
 †*Aphelenchoides bicaudatus* (Nematoda)
 †*Diaporthe batatis* (Ascomycetes)
- JATROPHA:**
 †*Phakopsora jatrophiicola* (Promycetes)
- JUNIPERUS:**
Gymnosporangium haraeum (Promycetes)
- LAELIA:**
Uredo behnickiana (Promycetes)
- LAGASCEA:**
 †*Puccinia noccae* (Promycetes)
- LARIX:**
 †*Phoma lineolata* (Deuteromycetes)
- LAURUS:**
 †*Phyllosticta kalmicola* (Deuteromycetes)
- LENS:**
 †*Uromyces fabae* (Promycetes)
- LEONTOPODIUM:**
Meloidogyne hapla (Nematoda)
- LESPEDeza:**
 †*Uromyces lespedezae-procumbentis* (Promycetes)
- LOPHOCEREUS:**
 †*Camarosporium setuliferum* (Deuteromycetes)
- LYCOPERSICON:**
 †*Gonatobotrys simplex* (Deuteromycetes)
- MAHONIA:**
Cumminsia mirabilissima (Promycetes)
 †*Mycosphaerella berberidis* (Ascomycetes)
Phomopsis mahoniae (?) (Deuteromycetes)
- MALUS:**
 †*Coniothecium chomatosporum* (?) (Deuteromycetes)
- MANGIFERA:**
 †*Elsinoe mangiferae* (Ascomycetes)
Phyllosticta mortoni (Deuteromycetes)
Phyllostictina mangiferae (Deuteromycetes)
- MAXILLARIA:**
 †*Asterinema caseariae* (?) (Ascomycetes)
- MESEMBRYANTHEMUM:**
Silenechus hilarulus (Nematoda)
- METROSIDEROS:**
 †*Phyllosticta salicifoliae* (Deuteromycetes)
- MILTONIA:**
Uredo guacae (Promycetes)
- MORMODES (?)**
 †*Sphenospora mera* (Promycetes)
- MORUS:**
 †*Cercospora moricola* (Deuteromycetes)
- MUHLBERGIA:**
 †*Phyllachora vulgata* (Ascomycetes)
- MUSA:**
 †*Chaetothyria musarum* (Ascomycetes)
 †*Macrophoma musae* (Deuteromycetes)
- NARCISSUS:**
Ceratocystis narcissii (Ascomycetes)
Ditylenchus dipsaci (Nematoda)
- ODONTOGLOSSUM:**
Uredo guacae (Promycetes)
- OLEA:**
Macrophoma oleae (Deuteromycetes)
- ONCIDIUM:**
Physalospora wildevaniana (Ascomycetes)
 †*Sphenospora kevorkianii* (Promycetes)
 †*S. saphena* (Promycetes)
Uredo behnickiana (Promycetes)
U. epidendri (Promycetes)
 †*U. oncidii* (Promycetes)
- ORCHID:**
 †*Sphenospora kevorkianii* (Promycetes)
 †*S. saphena* (Promycetes)
Uredo behnickiana (Promycetes)
U. epidendri (Promycetes)
U. guacae (Promycetes)
- ORNITHOCEPHALUS:**
Uredo guacae (Promycetes)
U. oncidii (Promycetes)
- ORNITHOGALUM:**
Didymellina ornithogali (Ascomycetes)
- ORYZA:**
 †*Coniothyrium brevisporum* (Deuteromycetes)
Diplodia oryzae (Deuteromycetes)
 †*Neovossia horrida* (Promycetes)
 †*Olpitrichum macrosporium* (Deuteromycetes)
 †*Periconia pulla* (Deuteromycetes)
 †*Phoma oryzae* (Deuteromycetes)
 †*Pyrenochaeta oryzae* (Deuteromycetes)
 †*Septonema toruloides* (Deuteromycetes)
 †*Septoria curvula* (Deuteromycetes)
S. oryzae (Deuteromycetes)
- PACHYSANDRA:**
Volutella pachysandricola (Deuteromycetes)
- PALM:**
 †*Cylindrospora gelatinosa* (Deuteromycetes)
 †*Coniothyrium palmicolum* (Deuteromycetes)
 †*Mycosphaerella serrulatae* (Ascomycetes)
- PASSIFLORA:**
 †*Ascochyta passiflorae* (Deuteromycetes)
- PELARGONIUM:**
Pratylenchus pratensis (Nematoda)
- PHALARIS (?)**
Lophodermium arundinaceum (Ascomycetes)
- PHASEOLUS:**
 †*Ascochyta phaseolorum* (Deuteromycetes)
Cercospora brachiatia (Deuteromycetes)
- PHILODENDRON (?)**
 †*Uredo monsterae* (Promycetes)
- PHRAGMITES:**
Lophodermium arundinaceum (Ascomycetes)
 †*Puccinia magnusiana* (Promycetes)
- PHYGELIUS:**
Meloidogyne hapla (Nematoda)
- PINUS:**
 †*Phoma acicola* (Deuteromycetes)
 †*Rhizosphaera pini* (Deuteromycetes)
- PITHECOCTENIUM:**
 †*Prosopium pithecoctenii* (Promycetes)
- POLIANTHES:**
Meloidogyne incognita acrita (Nematoda)
- POLYGONUM:**
Cylindrocarpon candidum (Deuteromycetes)
- POUTERIA:**
 †*Elsinoe lepagei* (Ascomycetes)
- PRUNUS:**
 †*Septoria pruni* (Deuteromycetes)
- PUNICA:**
 †*Cercospora punicae* (Deuteromycetes)
Sphaceloma punicae (Deuteromycetes)

See footnotes at end of this list.

*Hosts and Diseases—Continued***QUERCUS:**

- †*Discula quercina* (Deuteromycetes)
- †*Phyllosticta quercus* (Deuteromycetes)

RHODODENDRON:

- Chrysomyza ledi* var. *rhododendri* (Promycetes)
- Septoria azaleae* (Deuteromycetes)

RIBES:

- †*Diplodina grossulariae* (Deuteromycetes)

RICINUS:

- †*Oidium macrosporum* (Deuteromycetes)

RODRIGUEZIA:

- †*Sphenospora kevorkianii* (Promycetes)
- †*Uredo epidendri* (Promycetes)

RODRIGUEZIA (?)

- Uredo oncidii* (Promycetes)

ROSA:

- Meloidogyne hapla* (Nematoda)

SACCHARUM:

- †*Cercospora vaginiae* (Deuteromycetes)
- Cytospora sacchari* (Deuteromycetes)

SALIX:

- Melampsora abietis-capraearum* (Promycetes)

SCHINUS:

- †*Cylindrosporium toxicodendri* (Deuteromycetes)

SCHOMBURGKIA:

- †*Uredo behnickiana* (Promycetes)

SCIRPUS:

- †*Puccinia obtecta* (Promycetes)

SECALE:

- †*Dinemasporium graminum* (Deuteromycetes)
- Puccinia striiformis* (Promycetes)

SOBRALIA:

- Uredo guacae* (Promycetes)

SOIL:

- Criconemoides mutabile* (Nematoda)
- Helicotylenchus nannus* (Nematoda)
- Heterodera avenae* (Nematoda)
- †*H. cacti* (Nematoda)
- H. punctata* (Nematoda)
- H. rostochiensis* (Nematoda)
- Psilenchus hilarulus* (Nematoda)
- Scutellonema brachyurum* (Nematoda)
- †*S. christiei* (Nematoda)
- Tylenchorhynchus capitatus* (Nematoda)
- Tylenchus costatus* (Nematoda)
- †*T. filiformis* (Nematoda)

SOLANUM:

- †*Fusarium solani* (Deuteromycetes)

SPINACIA:

- Colletotrichum dematium* f. *spinaciae* (Deuteromycetes)

STANHOPEA:

- †*Cylindrocladium scoparium* (Deuteromycetes)
- Uredo guacae* (Promycetes)

STRONGYLODON:

- †*Papularia sphaerosperma* (Deuteromycetes)

TABEUIA:

- †*Prosopodium perornatum* (Promycetes)

TECOMA:

- Prosopodium appendiculatum* (Promycetes)

TETRAMICRA:

- Uredo guacae* (Promycetes)

THEOBROMA:

- †*Menispora acicola* (Deuteromycetes)
- †*M. ciliata* (Deuteromycetes)

TILLANDSIA:

- Uredo nidularii* (Promycetes)

TRIFOLIUM:

- †*Cymadothea trifolii* (Ascomycetes)

TRIGONIDIUM:

- Uredo epidendri* (Promycetes)

TRITICUM:

- Ustilago tritici* (Promycetes)

TRIZEUXIS:

- Uredo epidendri* (Promycetes)

VIBURNUM:

- Meloidogyne hapla* (Nematoda)

VICIA:

- Uromyces fabae* (Promycetes)

VITIS:

- †*Guignardia bidwellii* (Ascomycetes)

YUCCA:

- Kellermannia anomala* (Deuteromycetes)

ZANTEDESCHIA:

- †*Meloidogyne arenaria arenaria* (Nematoda)
- M. incognita acrita* (Nematoda)
- M. javanica* (Nematoda)

ZEAL:

- Helminthosporium turcicum* (Deuteromycetes)

ZYGOSTATES:

- Uredo guacae* (Promycetes)

*Hosts Unknown***STRAW—UNIDENTIFIED**

- Puccinia striiformis* (Promycetes)

TREE—UNIDENTIFIED:

- †*Heragonia velutina* (Basidiomycetes)

A dagger (†) indicates a first interception from the country of origin.

A double dagger (‡) indicates a first interception by Division inspectors.

Countries of Origin and Diseases

- AFRICA (country(?)):
Phoma citricarpa
- AMERICAN SAMOA:
 †*Macrophoma musae*
- ANTIGUA:
 †*Elsinoe mangiferae*
- ARGENTINA:
Elsinoe australis
Heterodera cacti
Meloidogyne javanica
 †*Uromyces fabae*
Xanthomonas sp. (Cancrosis B)
- ASIA (country(?)):
Phoma citricarpa
- AUSTRALIA:
 †*Camarosporium limonii*
 †*Coniothecium chomatosporum* (?)
Cryptospora longispora
 †*Dothiorella araucariae*
 †*Mycosphaerella molleriana*
 †*M. schoenoprasii*
Phoma citricarpa
 †*Phyllosticta salicifoliae*
Pratylenchus penetrans
Sphaceloma faucentii var. *scabiosa*
- AUSTRIA:
Heterodera punctata
- BAHAMAS:
Sphenospora kevorkianii
 †*S. mera*
- BELGIUM:
Heterodera avenae
H. punctata
H. rostochiensis
Mycosphaerella schoenoprasii
Phyllosticta aucubicola
- BERMUDA:
 †*Lecanidion atratum*
- BRAZIL:
 †*Ascochyta phaseolorum*
Elsinoe australis
Phoma citricarpa
 †*Sphenospora kevorkianii*
Uredo behnickiana
U. guacae
- BRITISH HONDURAS:
Sphenospora kevorkianii
Uredo epidendri
U. oncidii
- CANADA:
Chrysomyxa ledi var. *rhododendri*
Cumminsia mirabilissima
 †*Phyllosticta quercus*
Rhytisma punctatum
Sphaeropsis malorum
- CANAL ZONE:
 †*Sphenospora kevorkianii*
Uredo guacae
 †*U. monsterae*
- CHILE:
 †*Guignardia bidwellii*
 †*Heterodera cacti*
Uromyces fabae
- CHILE (?):
 †*Dinemasporium graminum*
- CHINA:
 †*Coniothyrium brevisporum*
 †*Hexagonia velutina*
Phoma citricarpa
 †*P. oryzae*
Xanthomonas citri
- COLOMBIA:
 †*Ascochyta passiflorae*
 †*Mycosphaerella serrulatae*
- COSTA RICA:
 †*Asterinema caseariae* (?)
 †*Myiocopron corrientum*
Uredo behnickiana
U. epidendri
 †*U. nidularii*
U. oncidii
- CUBA:
Sphenospora kevorkianii
- DENMARK:
 †Carnation ringspot virus
Heterodera avenae
- DOMINICAN REPUBLIC:
 †"Greasy spot"
 †*Phakopsora jatrophicola*
- ECUADOR:
Uredo guacae
- ENGLAND:
Ceratocystis narcissii
Ditylenchus dipsaci
Heterodera avenae
H. punctata
H. rostochiensis
Meloidogyne hapla
Puccinia arenariae
- ENIWETOK:
 †*Ascochyta caricae*
- FIJI:
Phoma citricarpa
- FORMOSA:
Phoma citricarpa
 †*Pyrenochaeta oryzae*
Xanthomonas citri
- FRANCE:
Dendrophoma obscurans
Heterodera cacti
Puccinia buxi
- FRANCE (?):
 †*Puccinia blasdalei*
- GERMANY:
Dendrophoma obscurans
Heterodera avenae
H. cacti
H. punctata
H. rostochiensis
Lophodermium arundinaceum
Meloidogyne hapla
 †*Mycosphaerella schoenoprasii*
 †*Puccinia magnusiana*
- GUAM:
 †*Macrophoma musae*
Phomopsis palmicola
- GUATEMALA:
Meloidogyne arenaria
Uredo oncidii
- HAITI:
 †*Sphenospora kevorkianii*
 †*S. saphena*
- HAWAII:
Diplodia coccocarpa
 †*Dothiorella barringtoniae*
Phomopsis cocoes
Phyllosticta draconis
 †*Phyllosticta cordylines*
Radopholus similis
- HONDURAS:
Sphenospora kevorkianii
Uredo epidendri
U. guacae
U. oncidii
- HONG KONG:
Phoma citricarpa
Xanthomonas citri
- INDIA:
 †*Cercospora punicea*
 †*C. vaginiae*
Neovossia horrida
 †*Phoma oryzae*
Xanthomonas citri
- IRELAND:
Heterodera rostochiensis
Puccinia buxi
- ITALY:
Heterodera avenae
H. cacti
Macrophoma oleae
Meloidogyne incognita acrita
Phomopsis pterophila
Septoria citri
 †*S. pruni*
Sphaceloma punicea

See footnotes at end of this list.

Countries of Origin and Diseases—Continued

JAMAICA:

- Sphenospora kevorkianii*
- †*S. saphena*
- Uredo epidendri*
- U. guacae*

JAPAN:

- Aphelenchoides fragariae* (?)
- †*Ascochyta citri*
- Cercospora brassicicola*
- Colletotrichum dematium* f. *spinaciae*
- Diplodia oryzae*
- †*Discula quercina*
- Gymnosporangium haraeae*
- Macrophoma musae*
- Meloidogyne arenaria*
- †*M. arenaria arenaria*
- M. hapla*
- M. javanica*
- †*Mycosphaerella berberidis*
- M. schoenoprasii*
- Neovossia horrida*
- †*Olpitrichum macrosporum*
- †*Periconia pulla*
- †*Peronospora destructor*
- Phoma citricarpa*
- †*P. equisetii*
- †*P. malisora*
- Phomopsis mahoniae* (?)
- P. occulta* var. *ginkgoina*
- Puccinia horiana*
- P. kusanoi*
- P. striiformis*
- †*Septonema toruloides*
- Septoria citri*
- †*S. curvula*
- S. oryzae*
- Uromyces lespedezae-procumbentis*
- Xanthomonas citri*

KENYA:

- †*Puccinia hordei*

KOREA:

- †*Coleosporium asterum*
- †*Neovossia horrida*

MEXICO:

- †*Aecidium cannonii*
- †*Aphelenchoides bicaudatus*
- †*Ascochyta caricae*
- Botryosphaeria palmigena*
- †*Camarosporium setuliferum*
- Cercospora coleroides*
- †*C. moricola*
- †*Chaetothyria musarum*
- †*Ciliopsis gelatinosa*
- †*Circinella minor* (?)
- Coniothyria agaves*
- †*Coniothyrium palmicolum*
- Cricnemoides mutabile*
- †*Cylindrocladium scoparium*
- †*Cylindrosporium toxicodendri*
- Cytospora sacchari*
- Dendryphon interseminata*
- †*Diaporthe batatis*
- †*Didymium squamulosum*
- †*Elsinoe lepagei*
- †*Gonatobotrys simplex*
- Helicotylenchus nanus*
- Helminthosporium turcicum*
- Heterodera cacti*
- H. punctata*
- H. rostochiensis*
- Kellermannia anomala*
- †*Leptosphaeria coffeigena*
- Melampsora abietis-capraearum*
- Meloidogyne arenaria*
- M. incognita*
- M. incognita acrita*
- M. javanica*
- †*Menispora acicola*
- †*M. ciliata*
- †*Myiocypron affine*
- †*Oidium macrosporum*
- Papularia sphaerosperma*
- †*Phyllachora boutelouae*
- †*P. vulgata*

- †*Phyllosticta kalmicola*
- P. mortoni*
- Phyllostictina mangiferae*
- Physalospora wildemanniana*
- Pratylenchus pratensis*
- Prosopidium appendiculatum*
- †*P. perornatum*
- †*P. pithecoctenii*
- †*Pseudomonas gardeniae*
- Psilenchus hilarulus*
- Puccinia baccharidis*
- P. boutelouae*
- †*P. carthami*
- †*P. noccae*
- P. oblecta*
- Ravenelia papillifera*
- Scutellonema brachyurum*
- †*S. christiei*
- †*Sirodesmium granulosum*
- Sphaceloma puniceae*
- Sphaerodothis pringlei*
- Stomatogone agaves*
- Tylenchorhynchus capitatus*
- Tylenchus costutus*
- †*T. filiformis*
- Uredo behnickiana*
- U. guacae*
- U. nidularii*
- U. oncidii*
- Ustilago tritici*

MOZAMBIQUE:

- Phoma citricarpa*

NETHERLANDS:

- Cylindrocarpon candidum*
- Heterodera rostochiensis*
- Meloidogyne hapla*
- Peronospora parasitica*
- Septoria azaleae*
- Uromyces fabae*
- Volutella pachysandricola*

NEW ZEALAND:

- Macrophoma araucariae*
- Phoma citricarpa*

NICARAGUA:

- †*Dothiorella araucariae*
- Uredo behnickiana*
- U. epidendri*

NORFOLK ISLAND:

- Cryptospora longispora*
- Macrophoma araucariae*

NORWAY:

- †*Diplodina grossulariae*
- Heterodera punctata*

OKINAWA:

- †*Ascochyta cycadina*

PAKISTAN:

- †*Cymadothea trifolii*
- †*Uromyces lespedezae-procumbentis*

PANAMA:

- Uredo behnickiana*
- U. guacae*
- U. oncidii*

PERU:

- †*Fusarium solani*
- †*Sphenospora kevorkianii*
- †*S. mera*
- †*S. saphena*
- †*Uredo behnickiana*
- †*U. epidendri*
- U. guacae*
- U. oncidii*

PHILIPPINES:

- Macrophoma musae*
- Neovossia horrida*
- †*Papularia sphaerosperma*
- Xanthomonas citri*

POLAND:

- Heterodera rostochiensis*

PORTUGAL:

- †*Puccinia oblecta*

PUERTO RICO:

- Cercospora brachiata*
- †“Greasy spot”

Countries of Origin and Diseases—Continued

REPUBLIC OF SOUTH AFRICA:

†*Camarosporium chenopodii*
Didymellina ornithogali
Meloidogyne javanica
Phoma citricarpa
†*Pseudomonas syringae*
Uromyces aloes

SCOTLAND:

†*Phoma lineolata*

SINGAPORE:

†*Macrophoma musae*

SPAIN:

Heterodera rostochiensis
Septoria citri

SURINAM:

†*Uredo oncidii*

SWEDEN:

Heterodera avenae
H. rostochiensis

SWITZERLAND:

Chrysomya ledi var. *rhododendri*
Heterodera cacti
H. punctata

TAHITI:

Diplodia coccocarpa

THAILAND:

†*Phoma acicola*
†*Rhizosphaera pini*
Xanthomonas citri

TRINIDAD:

Uredo epidendri
U. oncidii

UNKNOWN:

Cryptospora longispora
Elsinoe australis
Phoma citricarpa
Septoria citri
Sphenospora kevorkianii
Uredo oncidii

Uromyces fabae
Xanthomonas citri

Xanthomonas sp. (Cancrosis B)

URUGUAY:

Elsinoe australis

VENEZUELA:

†*Puccinia thaliae*

VIETNAM:

Xanthomonas citri

WEST PACIFIC:

Phoma citricarpa

A dagger (†) indicates a first interception from the country named.

A double dagger (‡) indicates a first interception by Division inspectors.

1962

Issued April 1963

**UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
PLANT QUARANTINE DIVISION
WASHINGTON 25, D.C.**

LIST OF INTERCEPTED PLANT PESTS, 1962

(Pests Recorded From July 1, 1961, Through June 30, 1962)

Compiled by
Bessie C. Mumford
Plant Quarantine Aid

INTRODUCTION

This 49th interception list summarizes records of plant pests found in, on, or with plants, plant products, baggage, cargo, mail, and means of conveyance (1) imported into or entering the United States or its possessions, (2) offered for entry but refused, (3) in quarters and stores of planes and ships, (4) offered for entry for immediate transportation and exportation in bond, (5) in domestic shipments to the mainland from the States of Alaska and Hawaii, the American Virgin Islands, the Commonwealth of Puerto Rico, Guam, and other offshore possessions, or (6) in preclearance inspection in the Bahamas and Bermuda.

The pests listed include insects, mites, snails, bacteria, fungi, nematodes, and viruses of known or potential plant quarantine significance to the United States. Some common organisms are included if they are new to the country of origin or the host plant or are of limited distribution in this country.

The data for this list include identifications received during the fiscal year 1962 and represent some interceptions made during previous years, since occasionally determinations are delayed because of heavy work loads or lack of specialists for certain types of organisms. Most identifications are made by specialists of the Entomology Research Division, the Plant Quarantine Division (both of the U.S. Department of Agriculture), and the U.S. National Museum, although collaborating State officials identify many pests intercepted in California. Snail identifications are made by taxonomists in the Division of Mollusks of the U.S. National Museum. Some critical studies and determinations are made by specialists of the Crops Research Division. Many host plants are identified by workers in the Department of Botany of the Smithsonian Institution.

Scientific names of insects and diseases are reviewed by specialists of the Plant Quarantine Division, who also assist in preparing the list. Nematode names are checked in Nematology Investigations and host names are reviewed in the New Crops Research Branch. Every effort is made to conform to the International Rules of Nomenclature.

However, in the disease tabulation the name of the stage found is often listed rather than the perfect stage. Family names are listed with the insects in the tabulation and orders are shown in the host list. Classes of the diseases are given in the disease host list.

Pests determined only to family are not usually recorded unless they are fruit flies, new species, or of some special significance. Snails not identified to species are not recorded.

NOTES ON PESTS INTERCEPTED

The total number of interceptions for the fiscal year 1962 was 33,033, as compared with 25,575 the previous year. This does not include certain common pests which are widespread in this country and are no longer recorded. Of the total, 10,921 were considered important enough to be reported in this list. This figure includes the incompletely determined pests which were significant.

Airborne Material

Interceptions of pests arriving by air totaled 10,005, of which 8,625 were insects or snails and 1,380 were diseases or nematodes. There were 311 interceptions of significant insects found as stowaways on airplanes. Among the important pests arriving by air were 27 interceptions of the European cherry fruit fly, 105 of the Mediterranean fruit fly, 7 of the Mexican fruit fly, 34 of the olive fruit fly, 15 of the oriental fruit fly, 29 of the pink bollworm, 119 of the West Indian fruit fly, 224 of the black spot of citrus, 112 of citrus canker, 78 of the sweet orange scab, and 35 of the golden nematode.

FRUIT FLIES

A total of 473 fruit fly interceptions were identified to species as follows:

Anastrepha ludens, the Mexican fruit fly, was intercepted 76 times; 75 were from Mexico and 1 from Guatemala. The hosts were grapefruit, lime, mango, pear, quince, sour orange, sweet orange, and white sapote.

Anastrepha mombinpraeoptans, the West Indian fruit fly (145 times), in guava, mango, purple mombin, rose-apple, sweet orange, tropical almond, and yellow mombin from Barbados, British Honduras, Costa Rica, Curacao, Dominican Republic, El Salvador, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico, and Venezuela.

Anastrepha serpentina (3 times) in mamey sapote and sapodilla in air baggage from El Salvador.

Anastrepha suspensa (3 times) in guava in air baggage from Jamaica and baggage from Puerto Rico.

Ceratitis capitata, the Mediterranean fruit fly (140 times), in apple, Arabian coffee berry, Cattley guava, *Coffea* sp. berry, fig, grape, grapefruit, lemon, loquat, Mandarin orange, mountainash fruit, nectarine, peach, pear, pepper, persimmon, plum, pomegranate, pricklypear, quince, rosaceous fruit, sweet orange, and tropical almond. Countries of origin were Argentina, Azores, Brazil, Cyprus, Greece, Hawaii, Israel, Italy, Lebanon, Portugal, Spain, Turkey, United Arab Republic, and an unknown origin. *C. capitata* (?) (10 times) in Arabian coffee berry, *Coffea* sp. berry, grapefruit, kaki persimmon, pummelo, screwpine lei, and sweet orange from Argentina, Ethiopia, Hawaii, Italy, Peru (?), and Spain.

Ceratitis colae (once) in *Coffea* sp. berry in airmail from Ethiopia.

Dacus dorsalis, the oriental fruit fly (20 times), in banana, breadfruit, guava, mango, orange-jasmine fruit, papaya, and tropical almond from Guam, Hawaii, and the Philippines. *D. dorsalis* (?) (3 times) in guava, Malay-apple, and tropical almond from Hawaii and an unknown origin.

Dacus oleae, the olive fruit fly (43 times), in olive in air baggage and baggage from Cyprus, Italy, Lebanon, Spain, and Syria.

Rhagoletis cerasi, the European cherry fruit fly (28 times), in cherry in air baggage, air stores, and stores from Czechoslovakia, France, Germany, Italy, Spain, and an unknown origin.

Toxotrypana curvicauda (once) in papaya in aircargo from Puerto Rico.

INSECTS OTHER THAN FRUIT FLIES

The following insect interceptions are of particular significance:

Acrolepia assectella (Hyponomeutidae) in leek in stores from Denmark, France, Italy, Netherlands, Norway, and Spain; with miscellaneous stores from France; and in onion in air baggage from France.

Adoretus sinicus (Scarabaeidae) as stowaway on airplane, on copperleaf plant, baggage, flowers, mango, and orchid in air baggage from Hawaii.

Adoxophyes reticulana (= *A. orana*) (Tortricidae) on cut lilac in aircargo from the Netherlands.

Aleurocanthus woglumi (Aleyrodidae), the citrus blackfly (10 times), on *Citrus* sp. leaf in air baggage from Ecuador and baggage and cargo from Mexico, on lime leaf in baggage and cargo from Mexico, and on sweet orange leaf in baggage from Mexico.

Aleurotrachelus camelliae (Aleyrodidae) on camellia leaf in airmail from Japan.

Ancylostomia stercorea (Phycitidae) in bean, on bromeliad leaf, in chickpea, pea, and pigeonpea. Countries of origin were the Canal Zone, Dominican Republic, Ecuador, El Salvador, Haiti, Jamaica, Mexico, Panama, St. Kitts, St. Martin, and Tortola.

Arge similis (Argidae) on *Rhododendron* sp. cutting and torch azalea plant in airmail from Japan.

Argyresthia conjugella (Hyponomeutidae) in apple in air baggage from Norway and the Union of Soviet Socialist Republics and in mountainash berry in air baggage from England, Norway, and Scotland.

Aspidiotus destructor (Coccidae) on arrowroot leaf in airmail from Panama; on coconut in air baggage from the Bahamas, baggage from the American Virgin Islands, Costa Rica, Nicaragua, and Panama, quarters from the Cayman Islands, and stores from Costa Rica; on kentia palm leaf in stores from Japan; on plum in baggage from Mexico; and on tropical almond in baggage from Jamaica.

Austrotortrix postvittana (Tortricidae) in airplane from New Zealand.

Blastodacna atra (Cosmopterigidae) in apple in air stores from an unknown origin and in baggage from Poland.

Brachycerus albidentatus (Curculionidae) in garlic in baggage from Italy.

Bruchus tristis (Bruchidae) in grass peavine seed in baggage from Italy and in lupine seed in air baggage from the Azores.

Cacoecimorpha pronubana (Tortricidae) on cut carnation in airmail from an unknown origin, on miscellaneous plant material in aircargo from France, and on pomegranate in air baggage and baggage from Italy.

Carposina niponensis (Carposinidae) in apple in air stores, quarters, and stores and in pear in air baggage from Japan.

Ceroplastes rubens (Coccidae) on cibotium fern in mail from Hawaii, on maile alyxia leaf in baggage from Hawaii, and on polypody fern in air baggage from Tahiti.

Chilo suppressalis (Crambidae), the Asiatic rice borer (18 times), with aircargo from Japan and in rice straw in air baggage from Japan and Spain, baggage from the Philippines, Spain, and an unknown origin, and in cargo, mail, and stores from Japan.

Cladius pectinicornis (Tenthredinidae) on cut roses in air baggage from Denmark, England, and Germany and air stores from the Netherlands; on rose cutting in air baggage from England; and in soil with holly plant in baggage from Switzerland.

Coccus viridis (Coccidae) (151 times) on *Alpinia purpurata*, alstonia leaf, Arabian coffee berry, Brazil peppertree, *Citrus* sp. leaf, frangipani, gardenia, ixora, limeberry leaf, and tuberose from Fiji, Hawaii, New Guinea, and Tahiti.

Conotrachelus aguacatae (Curculionidae) (11 times) in avocado in baggage from Mexico.

Coptotermes testaceus (Rhinotermitidae) in jacaranda log in cargo from Brazil.

Cryptoblabes gnidiella (Phycitidae) in grape in air baggage from Italy; in pomegranate in air baggage from France, Israel, and Italy and baggage from Greece and Italy; and in sweet orange in aircargo from Italy, air stores from Spain and an unknown origin, and stores from Spain.

Cryptophlebia leucotreta (Olethreutidae) in Arabian coffee in mail from Ethiopia and in sweet orange in stores from the Republic of South Africa.

Curculio elephas (Curculionidae) (121 times) in chestnut in air baggage, baggage, cargo, and mail from Greece, Italy, Portugal, Spain, and Yugoslavia; in cork oak seed in mail from Spain; and in oak seed in air baggage from Italy.

Cylas formicarius elegantulus (Curculionidae) in sweetpotato in air baggage from Cuba, Dominican Republic, and Haiti(?), baggage from Antigua, cargo from the Dominican Republic, quarters from Trinidad, and stores from Cuba, Dominican Republic, and Venezuela.

Cylas puncticollis in sweetpotato in cargo from Sierra Leone.

Dialeurodes kirkaldyi (Aleyrodidae) on Arabian jasmine leaf in air baggage, baggage, and mail from Hawaii; on gardenia leaf in air baggage from Tahiti; and on jasmine leaf in baggage from the Philippines.

Diatraea magnifactella (Crambidae) in sugarcane node in baggage from Mexico.

Dichocrocis punctiferalis (Pyraustidae) on pine tree in baggage from Japan.

Epinotia aporema (Olethreutidae) in string bean in baggage and stores from Mexico.

Euscepes postfasciatus (Curculionidae) in sweetpotato in air baggage from Puerto Rico, baggage from Hawaii, and stores from Brazil, Peru, and Trinidad.

Euergestis forficatis (Pyraustidae) in cabbage in stores from France, Germany, and Italy.

Frankliniella formosae (Thripidae) (53 times) on carnation, chrysanthemum, cyclamen, fairybells, flowers, gardenia, lychee, rice, roses, and screwpine. Countries of origin were American Samoa, Formosa, Hong Kong, Japan, Okinawa, Philippines, and an unknown origin.

Frankliniella intonsa (Thripidae) (15 times) on carnation, flowers, gladiolus, nursery stock, roses, and in soil with primrose plant from England, France, Germany, Iceland, Israel, Netherlands, and unknown origin, and Yugoslavia.

Gnorimoschema ocellatella (Gelechiidae) in beet in stores from the United Arab Republic, with stores by air from Italy, and in Swiss chard in stores from Italy.

Grapholitha funebrana (Olethreutidae) in plum in air baggage from Czechoslovakia and Poland.

Grapholitha janthiana (Olethreutidae) in apple in air baggage from Hungary.

Gymnandrosoma aurantianum (Olethreutidae) in sweet orange in air stores from an unknown origin and stores from Colombia.

Harmolita ips (Eurytomidae) in straw packing in cargo from France.

Lampides boeticus (Lycaenidae) in agati sesbania in air baggage and in mauna loa lei in air baggage, baggage, and quarters from Hawaii; and in pea in stores from Japan.

Laspeyresia araucaria (Olethreutidae) in *Araucaria* sp. seed in airmail and in Norfolk-Island-pine seed in air baggage and aircargo from Brazil and in parana araucaria seed in aircargo from Argentina.

Leucinodes orbonalis (Pyraustidae) in eggplant in stores from West Africa.

Leucoptera scitella (Lyonetiidae) with apple in air stores from England and stores from Italy.

Lixus junci (Curculionidae) in beet in stores from the United Arab Republic.

Lobesia botrana (Olethreutidae) in grape in air baggage from England, Italy, and Lebanon.

Mamestra brassicae (Noctuidae) on cabbage in stores from France, Italy, and the Netherlands; on cauliflower in stores from France and Italy; on Chinese cabbage in stores from Japan; on lettuce in stores from Germany; and on Swiss chard in stores from Italy.

Maruca testulalis (Pyraustidae) in hyacinth bean in air baggage from Trinidad; in mauna loa flowers in air baggage and baggage from Hawaii; in *Phaseolus* sp. in stores from Angola; in pigeonpea in air baggage from the Dominican Republic and Grenada and in aircargo, airmail, and cargo from Puerto Rico; in sesbania in air baggage and baggage from Hawaii; in string bean in air baggage and cargo from Puerto Rico and stores from Brazil, Japan, Puerto Rico, and Surinam; and in *Strongylodon macrobotrys* in air baggage from the Philippines.

Matsumuraesia phaseoli (Olethreutidae) in string bean in stores from Japan.

Melolontha melolontha (Scarabacidae) (5 times) as stowaway on airplane from France and Switzerland.

Necoleucinodes elegantalis (Pyraustidae) in eggplant in air baggage from Brazil, naranjilla in air baggage from Colombia, and in tomato in cargo from Mexico.

Oulema melanopa (Chrysomelidae) with cabbage in stores from Italy.

Parlatoria zizyphus (Coccidae) (55 times) on *Citrus* sp. leaf, grapefruit, lemon,

lime, Mandarin orange, pummelo, and sweet orange. Countries of origin were Algeria, British Guiana, China, Formosa, France, Guam, Hawaii, Hong Kong, Iran, Italy, Japan, Okinawa, Philippines, Republic of the Congo, Thailand, Tunisia, and an unknown origin.

Pectinophora gossypiella (Gelechiidae), the pink bollworm (59 times), in bale of cotton in aircargo from Puerto Rico; in cotton boll in air baggage from Antigua, Bermuda, Cayman Islands, Cuba, Hawaii, and Turkey, baggage and quarters from Mexico, and mail from Hawaii; in cotton lint in quarters from Mexico; in cottonseed in aircargo and mail from India, baggage and quarters from Mexico, and cargo from Pakistan and Thailand; in okra pod in air baggage from Barbados, Dominican Republic, and Haiti, aircargo from Jamaica, and stores from the Dominican Republic; in seed cotton in aircargo from Pakistan and cargo and quarters from Mexico; in seed of Sea Island cotton in air baggage from Hawaii; and in seed of Upland cotton in quarters from Mexico.

Petrova cristata (Olethreutidae) in Japanese black pine cone in stores from Japan.

Pieris brassicae (Pieridae) (14 times) in cabbage in stores from the Azores, Belgium, and Italy; in cauliflower in stores from Germany and Italy; and with military cargo from Italy.

Prays oleellus (Hyponomeutidae) in olive in air baggage from Italy, Lebanon, and Syria and aircargo from Italy.

Prodenia litura (Noctuidae) in airplane from the West Pacific, on flowers in air quarters from Formosa, on gladiolus in air baggage from Japan, and in pepper in stores from Israel.

Rhynchaenus populi (Curculionidae) on cut lilac in aircargo from the Netherlands.

Sesamia cretica (Noctuidae), the durra stem borer (8 times), in broomcorn in air baggage from France and Greece, baggage from Italy, and cargo from Greece and Italy.

Stenoma catenifer (Stenomidae) (35 times) in avocado in air baggage from British Honduras, Colombia, Costa Rica, Ecuador, El Salvador, Nicaragua, Panama, and Venezuela, aircargo from Mexico and Panama, baggage from Honduras, Mexico, and Panama, quarters from Ecuador, and stores from Colombia, Ecuador, and Panama.

Taeniothrips gracilis (Thripidae) (18 times) on autumn lycoris, shorttube lycoris, and *Lycoris* sp. bulbs in cargo from Japan; on polyanthus narcissus in air baggage from Hong Kong; and on snapdragon in air baggage from Japan.

Tetranychus viennensis (Tetranychidae) on apple in air baggage from Poland.

Thrips major (Thripidae) on carnation in aircargo from Italy; on China aster in air baggage from the Netherlands; on mixed flowers in air baggage from England and air quarters from England, Turkey, and an unknown origin; on nursery stock in cargo from the Netherlands; and on roses in air baggage from Denmark, England, and Poland.

Trogoderma granarium (Dermestidae), the khapra beetle (249 times), with bagging (including new and used burlap and wrappers on various cargo shipments and stores), in bean, in cargo hold of ship, in cinnamon quills, corn seed (in mail), cumin seed, debris, grain residue, guar gum, gum arabic, gum ghatti, karaya gum, mangrove bark, myrobalan, pea, peanut, pigeonpea, rice, soybean, turmeric, various dry stores, and wheat flour and straw. Countries of origin were Belgium, Ceylon, China, England, Formosa, France, Greece, Hong Kong, India, Indonesia, Iran, Italy, Korea, Kuwait, Mexico, Netherlands, Pakistan, Senegal, Sierra Leone, Singapore, Sudan, Tanganyika, Thailand, United Arab Republic, an unknown origin, and West Africa.

Udea ferrugalis (Pyraustidae) on cabbage in stores from Portugal, on cauliflower in stores from England, on celery in stores from France, on geranium leaf in air baggage from Portugal, and on zucchini squash in stores from Italy.

Unaspis yanonensis (Coccidae), the yanone scale (356 times), on calamondin orange, *Citrus* sp., grapefruit, ichandarin, lemon, lime, King orange, Mandarin orange, pummelo, sour orange, sweet orange, and tangelo. Countries of origin were Australia, Hong Kong, Japan, Philippines, and an unknown origin.

Zeadiatraea lineolata (Crambidae) in corn in air baggage from Guatemala and air stores from the Bahamas.

SNAILS

The following snail interceptions are of special interest:

Achatina fulica (10 times) in air baggage from Hawaii and with military cargo from Okinawa.

Archachatina marginata in aircargo from Spain.

Arianta arbustorum in soil with rose plant in mail from Germany and on strawberry plant in aircargo from the Netherlands.

Bradybaena similaris (7 times) on *Anthurium* sp. flower, fern asparagus, and ginger root in mail from Hawaii; and with snapdragon flower and unidentified plant in air baggage from Bermuda.

Cochlicella barbara (26 times) on common four-o'clock seed in cargo from France; on military cargo from Italy, Libya, Morocco, and Spain; and in soil in baggage from Italy.

Cochlicella conoidea on military cargo from Spain.

Cochlicella ventrosa (16 times) on broccoli seed in baggage from Italy; on cedar block in stores from Bermuda; on military cargo from the Azores, Italy, Morocco, Spain, and Turkey; and in soil with unidentified plant in air baggage from Bermuda.

Fourteen species of *Helicella* were intercepted a total of 75 times on automobile, baggage, general cargo, military cargo, soil, and various plant material from the Azores, Cuba, England, France, Greece, Italy, Spain, Turkey, and an unknown origin.

Monacha cantiana with unidentified plants in cargo from Germany.

Monacha carthusiana on sainfoin seed in baggage from Italy.

Monacha olivieri with military cargo from Turkey.

Rumina decollata on palm seed in baggage from Mexico and in soil with unidentified plant in air baggage from Bermuda and baggage from Mexico.

Sculptaria reticulata on *Myrothamnus flabellifolia* plant in aircargo from the Republic of the Congo.

Subulina octona (15 times) on military cargo from Libya; on orchid plant in air baggage from British Honduras, aircargo from British Honduras, Colombia, and Jamaica, baggage from Jamaica, and cargo from Mexico; in soil with coleus plant in air baggage from Honduras; in soil with croton plant in air baggage from Jamaica; in soil with *Dieffenbachia* sp. plant in baggage from Puerto Rico; and in soil with unidentified plant in baggage from Mexico.

Theba pisana, the Mediterranean land snail (82 times), on automobile, in air baggage, on general cargo and military cargo; on cipollino, flowers, herb, mollusk, rose, rosemary, and various plant material in air baggage, aircargo, and cargo; and on cabbage, cauliflower, lettuce, miscellaneous stores, parsley, and potato in stores. Countries of origin were the Azores, Cuba, France, Israel, Italy, Libya, Morocco, Spain, and an unknown origin.

Theba planata on military cargo from Spain.

Veronicella moreleti on banana in cargo from Honduras and on *Chamaedorea* sp. palm leaf in aircargo from Mexico.

Other snails of potential economic importance were: *Bulimulus fraterculus*, *B. hepatostomus*, *B. unicolor*, *Capillifera plebeia*, *Cecilioides acicula*, *C. aperta*, *Cepaea nemoralis*, *Helicina neritella*, *H. substriata*, *H. zephyrina*, *Helix aspersa*, *H. cincta*, *H. leucorum*, *H. pomatia*, *Lamellaxis gracilis*, *Limax marginatus*, *Neocyclotus dysoni cookei*, *Otala lactea*, *O. vermiculata*, and *Oxychilus alliarius*.

DISEASES

Elsinoe australis, the sweet orange scab, was intercepted 213 times; 129 from Brazil, 64 from Argentina, 13 from an unknown origin, 4 from Paraguay, and 3 from Uruguay. The hosts were *Citrus reticulata* hybrid, grapefruit, lemon, lime, Mandarin orange, sweet orange, and tangelo.

Guignardia (Phoma) citricarpa, the black spot of citrus, was intercepted 464 times; 95 from Japan, 91 from Hong Kong, 83 from the Republic of South Africa, 63 from Australia, 44 from an unknown origin, 36 from China, 18 from Formosa, 7 from Asia (country(?)), 5 each from Brazil and the Philippines, 4 from Tahiti(?), 3 from Okinawa, 2 each from Argentina and Korea, and 1 each from the Federation of Malaya, Macao, Mozambique, Singapore, Thailand, and Vietnam. The hosts were *Citrus* sp., *Fortunella* sp.(?), grapefruit, lemon, lime, Mandarin orange, pummelo, sour orange, sweet orange, and tangelo.

Xanthomonas citri, citrus canker, was intercepted 271 times; 217 from Japan, 20 from Hong Kong, 10 from India, 9 from an unknown origin, 5 from China, 4 from Thailand, 2 from Formosa, and 1 each from Afghanistan, the Federation of Malaya, Guam, and Indonesia. The hosts were *Citrus aurantium* X *C. reticulata*, *Citrus* sp., grapefruit, ichandarin, lemon, lime, Mandarin orange, pummelo, sour orange, sweet orange, tangelo, tanger, and "yuzu."

Xanthomonas sp. (Cancrosis B) was intercepted 17 times; 10 from Argentina, 5 from an unknown origin, and 1 each from Brazil and Uruguay. The hosts were lemon, Mandarin orange, and sweet orange.

Other pathogens of special interest are:

Ascochyta armoraciae on horseradish tops in stores from Germany. Not reported from the United States as far as is known.

Coniothyrium trabutii on geranium leaf in baggage from Mexico. No reports from there as far as known.

Diaporthe camelliae on camellia twig in airmail from New Zealand.

Didymascella thujina on leaf of arborvitae plant in baggage from Canada.

Elsinoe piri (*Sphaceloma* stage) on apple in stores from Spain.

Gymnosporangium cornutum on European mountain ash leaf in air baggage from Finland and baggage from Norway.

Gymnosporangium haraceanum on pyramid Chinese juniper in air baggage and cargo from Japan.

Macrophoma dalmatica on olives in air baggage from Lebanon.

Phomopsis cedrelae on cigarbox cedrela seed and pod in aircargo from Dominica.

Phyllosticta bromeliae on bromeliad in baggage from Mexico.

Puccinia abyssinica on *Jasminum abyssinicum* leaf in mail from Ethiopia.

Puccinia iridis on iris leaf in air baggage from Bermuda and aircargo from Haiti.

Pythium intermedium, *P. mamillatum*, *P. salpingophorum*, and *P. ultimum* on roots of trees in aircargo from the Union of Soviet Socialist Republics.

Rhytisma ilicis-latifoliae (*Melasmia* stage) on *Ilex integra* leaf in airmail from Japan.

Septoria minimum on anthurium leaf in airmail from France and mail from the Netherlands.

Sphaceloma fawcettii var. *scabiosa* (10 times) on lemon in air stores, quarters, and stores from Australia.

Sphaceloma punicea on pomegranate in air baggage from the Dominican Republic. New locality for this fungus.

Sphaceloma rosarum on rose leaf in air baggage from England and Germany.

Sphaceloma spondiadis(?) on vi-apple in baggage from Puerto Rico.

Sphaerophragmium acaciae on Lebbek albizzia leaf in baggage from the Bahamas.

Thecaphora solani on *Solanum stoloniferum* tuber in baggage from Mexico.

Uredo nidularii on bromeliad leaf in air baggage from Colombia and aircargo from Costa Rica; and on tillandsia leaf in aircargo from Mexico and Panama.

Uromyces fabae on lentil in airmail and mail from Chile.

CORRECTION: The 1960 list showed *Pucciniastrum arcticum* Tranz. on *Rubus chamaemorus* from Norway. This has now been identified as *Melampsoridium betulinum* (Fr.) Kleb. on *Betula odorata*.

NEMATODES

Aphelenchoides fragariae in bletilla orchid in cargo from Japan.

Aphelenchoides subtenuis in narcissus in cargo from Italy.

Criconema celutum in soil with anthurium plants in baggage from Mexico.

Criconemoides curvatum in soil with begonia in baggage from Argentina and in soil with unidentified plant in baggage from Mexico.

Criconemoides mutabile in soil with carpetgrass, philodendron, pine seedling, and treebine in baggage from Mexico.

Criconemoides peruense in soil with begonia in baggage from Mexico.

Ditylenchus destructor in autumn-crocus and Blushing Bride dwarf gladiolus in cargo from the Netherlands.

Ditylenchus dipsaci in garlic in cargo from Mexico; and in narcissus bulb in mail and onion sets in baggage from England.

Helicotylenchus buxophilus in soil with euonymus plant in baggage from Mexico.

Helicotylenchus dihystris in Indianrubber fig plant in baggage from Brazil; in soil with begonia plant in air baggage from the Azores and baggage from Argentina; in soil with azalea, balsam, caladium, citrus, common rue, and euphorbia plants, lily bulb, peach tree, portulaca, sansevieria, spiderwort, and succulent plants in baggage from Mexico; and in soil with unidentified plant in air baggage from England.

Helicotylenchus nannus in *Aglaonema* sp. root in aircargo, in soil with begonia, fern, hydrangea, and mint plants in baggage, and in soil with chestnut dioon

plants in cargo from Mexico; and in soil with common swordfern and Sprenger asparagus in baggage from Italy.

Heterodera avenae, the oat nematode (13 times), in soil sample in air baggage from Germany and in soil with the following: Automobiles in cargo from England and Germany, cactus plant in air baggage from Germany, dasheen in cargo from the Azores, garlic in cargo from Italy, larch tree and polypody fern in baggage from Austria, military cargo by air from England and France, peach tree in baggage from Italy, and potato in stores from the Canary Islands.

Heterodera cacti (75 times) in soil sample and in soil with amaryllis bulb, begonia, bougainvillea, cactus, covers on cotton bales, dahlia roots, euphorbia, garlic, geranium, Indiarubber fig plant, lily bulb, potato, portulaca, pricklypear, railway car, spiderwort, and tractor from the following countries: Austria, Belgium, Costa Rica, England, France, Germany, Italy, Mexico, Peru, and Sweden.

Heterodera humuli in soil with hops in aircargo from Germany.

Heterodera punctata (47 times) in soil sample, soil with army tanks, automobiles, celery, dasheen, lily bulb, military cargo, mudbird nest, potato, semi-trailer, and the following plants: Banana, begonia, cactus, geranium, Indiarubber fig, lavender, lily, philodendron, primrose, sequoia, shamrock, stonecrop, unidentified, and violet. Countries of origin were Argentina, Belgium, England, Germany, Ireland, Italy, Mexico, Morocco, Netherlands, Norway, Portugal, Sweden, an unknown origin, and Wales.

Heterodera rostochiensis, the golden nematode (83 times), in soil sample and in soil with the following: African-violet, aroid plant, automobiles, beet, cactus, celery, coleus, conifer plant, dahlia roots, geranium cutting and plant, gladiolus corm, heather plant, horseradish, ivy plant, lavender plant, lilac plant, lily-of-the-valley pips, onion sets, Jerusalem cherry plant, oxalis, potato, primrose, *Ribes* sp., shamrock, soapberry plant, *Solanum andigena*, spearmint, Sprenger asparagus, stonecrop, strawberry plant, tree fern log, tuberose, turnip, unidentified bulb and plant, and violet plant. Countries of origin were Denmark, England, France, Germany, Ireland, Mexico, Netherlands, Peru, Poland, Scotland, Sweden, and an unknown origin.

Hoplolaimus uniformis in soil with celeriac in stores from the Netherlands.

The rootknot nematodes, *Meloidogyne arenaria*, *M. arenaria arenaria*, *M. arenaria thamesi*, *M. hapla*, *M. incognita*, *M. incognita acrita*, *M. incognita incognita* (first interception), *M. javanica*, and *M. javanica javanica* (first interception) were intercepted a total of 156 times from Argentina, Azores, Brazil, Canal Zone, Chile, Costa Rica, Cuba, Dominican Republic, Ecuador, England, France, Germany, Guatemala, India, Italy, Jamaica, Japan, Mexico, Morocco, Netherlands, Panama, Peru, Portugal, Republic of South Africa, Sierra Leone, Spain, Switzerland, Tahiti, Trinidad, and West Africa. The hosts were roots of various flowers, ornamental plants, and vegetables.

Pratylenchus coffeae in dahlia roots in mail from Australia, in soil with common rue in baggage from Mexico, and in yam in air baggage from Jamaica.

Pratylenchus penetrans in clematis and toadlily roots in aircargo and in goldenray roots in cargo from the Netherlands.

Pratylenchus scribneri in apple root stock in cargo from Canada.

Radopholus similis in flamingo anthurium and in ginger plant in mail from Hawaii.

Rotylenchus robustus in soil with celeriac in stores from the Netherlands and in soil with unidentified plants in air baggage from the Azores and Germany.

Scutellonema brachyurum in amaryllis bulb and crassula plant in baggage from Mexico; Indiarubber fig plant in baggage from Brazil; in soil with kalanchoe in air baggage from Guatemala; and in soil with common rue, philodendron, and unidentified bulbs and plants in baggage from Mexico.

Scutellonema bradys in yam root in air baggage from Cuba.

Tylenchorhynchus acti in soil with cactus plant in baggage from Mexico.

Tylenchorhynchus capitatus in soil with begonia, lemongrass, and spiderwort plants in baggage from Mexico.

Tylenchorhynchus claytoni in soil with common swordfern and Sprenger asparagus in baggage from Italy.

INCOMPLETELY DETERMINED PESTS

It is not always possible to complete a determination as to species, due to the stage or condition of the insect or pathogen when inter-

cepted or the fact that it may be undescribed. Many of these pests are of potential economic importance, unreported from the country of origin or the United States, or new to the host plant. Some of the significant ones are included in this writeup, but not in the tabulation except in the summary. This year there were 3,223 insects, 357 diseases, and 936 nematodes, or a total of 4,516 incompletely determined interceptions considered important enough to record.

INCOMPLETELY DETERMINED FRUIT FLIES

There were 186 incompletely determined fruit fly interceptions as follows:

Anastrepha sp., possibly *ludens* (7 times) in apple, lime, mango, sapote, and sweet orange in baggage, and in grapefruit in stores from Mexico.

Anastrepha sp., possibly *mombinpraeoptans* (27 times), in grapefruit in stores from Costa Rica; in guava in air baggage from Guatemala, baggage from Mexico, and cargo from Tortola; in mango in air baggage from the Bahamas, Colombia, Dominican Republic, El Salvador, Guatemala, Honduras, Jamaica, and Nicaragua, in airmail from Jamaica, baggage from Mexico and Panama, and in cargo and stores from the Dominican Republic; in purple mombin in air baggage from Guatemala and Panama; and in *Spondias* sp. in air baggage from Nicaragua.

Anastrepha sp., possibly *serpentina* (twice), in cainito star-apple in air baggage from El Salvador and in mamey sapote in baggage from Mexico.

Anastrepha sp., possibly *striata* (13 times), in guava in air baggage from Costa Rica and El Salvador and in baggage and mail from Mexico.

Anastrepha sp., possibly *suspensa* (13 times), in guava in air baggage from the Dominican Republic and Puerto Rico and in airmail and baggage from Puerto Rico.

Anastrepha sp. (89 times) in *Annona* sp., apple, Arabian coffee berry, cherimoya, giant granadilla, grapefruit, guava, ilama, loquat, Mandarin orange, mango, peach, pear, pummelo, purple mombin, rose-apple, sapodilla, sapote, sour lime, *Spondias* sp., star-apple, sweet orange, tropical almond, and yellow mombin. Countries of origin were: Argentina, Brazil, Colombia, Costa Rica, Dominican Republic, Ecuador, El Salvador, Guatemala, Honduras, Jamaica, Mexico, Nicaragua, Panama, Peru, Puerto Rico, Tortola, Trinidad, an unknown origin, and Venezuela.

Dacus sp., prob. *dorsalis* (once), in mango in air baggage from Hawaii.

Dacus sp. (twice) in pepper in mail from Thailand and in sapodilla in air stores from Guam. *Dacus* sp. (?) (3 times) in avocado in air baggage from Tahiti, grapefruit in stores from the Republic of South Africa, and sapodilla in air stores from the Philippines.

Euleia sp., probably *heraclei* (L.) (once), in parsley in stores from Spain.

Parozyna s. l. sp., possibly *Diozyna sororcula* (Wied.) (twice), on *Osteospermum muricatum* and *O. thodei* seed in mail from the Republic of South Africa.

Rhagoletis sp., probably *alternata* (Fall.) (once), in rose hips in air baggage from Italy.

Rhagoletis sp. (4 times) in apple and hawthorn fruit in baggage from Mexico. *Rhagoletis* sp. (?) (3 times) in peach and redhaw fruit in baggage from Mexico and in Tartarian honeysuckle seed in cargo from Italy.

Tephritidae (15 times) in carnation in air quarters from an unknown origin, in chayote in stores from the Dominican Republic, in chupa-chupa fruit in air baggage from Ecuador, dwarf banana in air baggage from Hawaii, with flower pot in baggage from Mexico, in galangal flower in air quarters from an unknown origin, in giantreed node in baggage from Italy, in grapefruit in stores from the Republic of South Africa, in lychee nut and mango in air baggage from Vietnam(?), in peach in air baggage from Venezuela, in pear in air baggage from England, in sphagnum moss with ginseng root in air baggage from Korea, and in Turkterebinth pistache in air baggage from Greece. Tephritidae(?) (once) in pomegranate in air baggage from Argentina.

Trupanea sp. (once) adults with marigolds in air quarters from Mexico. *Trupanea* sp. (?) (once) in flowering head of encelia in baggage from Mexico.

INSECTS OTHER THAN FRUIT FLIES

The following incompletely determined insects, other than fruit flies, are of special interest:

Aleyrodidae, Aleurodicinae, new genus near *Aleurodicus*, n. sp., on *Epidendrum* spp. leaf in aircargo from Honduras and cargo from Mexico; on *Laelia anceps* leaf in cargo from Mexico; on *Odontoglossum grande* leaf in air baggage from Guatemala; on *Oncidium* spp. leaf in aircargo and cargo from Mexico; and on orchid leaf in air baggage from Guatemala and Honduras, aircargo from the Canal Zone, Guatemala, Honduras, and Mexico, airmail from the Canal Zone, and baggage and cargo from Mexico.

Alsophila sp. (Geometridae) on *Prunus* sp. branch in air baggage from Japan. *Anaulacomera* sp. (Tettigoniidae), a distinctive species useful to the U.S. National Museum Collection, on orchid in aircargo from Peru.

Aphidae, Panaphini, genus and species undescribed, on pine twig in air baggage from Italy. No description found of a species on pine resembling this.

Blastodacna sp., near or *atra* (Cosmopterygidae), on apple in air stores from an unknown origin, probably Spain.

Brachyrhinus sp. (Curculionidae) on Siebold stonecrop roots in baggage from Switzerland, in soil with herbs in baggage from Italy, and in soil with larch in baggage from Austria.

Ceutorhynchus sp., probably *pleurostigma* (Curculionidae), in rutabaga root in cargo from Germany and in turnip root in stores from Belgium, England, and France.

Cnephasia sp. (Tortricidae) on gentian bloom in mail from Switzerland, on lettuce in stores from France, on parsley in stores from Japan, and on strawberry plant in aircargo from France.

Ctenicera sp. (Elateridae) in soil with unidentified plant in air baggage from Poland.

Diaprepes sp., probably *abbreviatus* (L.) (Curculionidae), in yam in cargo from Puerto Rico.

Epicaerus sp., possibly *cognatus* Sharp (Curculionidae), in potato in baggage and stores from Mexico.

"*Eulia*" sp. (Tortricidae) in pear in aircargo from Ecuador.

Euzophora sp., near or *bigella* Zell. (Phycitidae), in quince in baggage from Greece.

Gnorimoschema sp., near or *borsaniella* (Gelechiidae), in pepper in air baggage from Peru and stores from Argentina.

Grapholitha sp., probably *funebrana* (Olethreutidae), in plum in air baggage from Czechoslovakia and Italy and air stores from France.

Gymnandrosoma sp., near or *aurantianum* (Olethreutidae), in guava in air baggage from Colombia and in cacao pod in baggage from Bermuda and Trinidad.

Harmolita sp. (Eurytomidae) on esparto needlegrass and unidentified straw in cargo from Italy.

Heilipus sp., probably *lauri* Boh. (Curculionidae), in avocado seed in air baggage from Costa Rica.

Heliothis sp., probably *armigera* (Noctuidae), on carnation flower in aircargo from France and Spain, on gladiolus flower in air quarters from France, and on strawflower in air baggage and airmail from the Philippines.

Homothrips sp., probably *distinctus* (Thripidae), on protea flower in aircargo from the Republic of South Africa.

Hoplandrothrips, undescribed species (Phlaeothripidae), on *Davallia mariesii* fern rhizome in cargo from Japan.

Hyperodes sp. (Curculionidae) in carrot in stores from Argentina. *Hyperodes* sp., or near, on burhead plant in aircargo from Peru.

Ips sp., apparently a species not established in the United States (Scolytidae), in pine bark of crate and in unidentified wood of crate in cargo from Italy.

Leucoptera sp., probably *lustratella* H.-S. (Lyonetiidae), with apple in stores from Italy.

Lixus sp., possibly *junci* (Curculionidae), in beet root in stores from the United Arab Republic.

Lygaeidae, genus and species not in the U.S. National Museum, in airplane from an unknown origin; in cape-marigold seed in airmail from the Republic of South Africa; on *Dianthus* sp. flower in air baggage from Mexico; on garden asparagus in aircargo from New Zealand; on mixed cut flowers in air baggage from the Republic of South Africa; in okra seed in mail from Nigeria; on orchid in aircargo from

Brazil, Honduras, and India and airmail from the Canal Zone; and in soil with European grape plant in mail from Italy.

Melanotus sp. (Elateridae) on orchid plant in airmail from Antigua; and on rosemary plant and in soil with amaryllis bulb in air baggage from Italy.

Odontalecyrodes sp., apparently undescribed (Aleyrodidae), on *Argoslemma* sp. leaf in aircargo from Indonesia.

Olethreutidae, probably *Cryptophlebia* sp., in grapefruit in stores from the Republic of South Africa, in mango seed in air stores from Thailand, and in sweet orange in air baggage from Guinea.

Pantomorus sp. (Curculionidae) on lemongrass in baggage from Mexico and in soil with Indiarubber fig plant in baggage from Brazil.

Phycitidae, presumably *Myelois* group but does not match any material in the U.S. National Museum, in Ivorycoast cherry-orange in airmail from the Republic of the Congo.

Phyllocoptes n. sp. (Eriophyidae), an interesting form, on soursop fruit in air baggage from Costa Rica. *Phyllocoptes* sp., apparently n. sp., not assignable to any known apple eriophyid, on apple in air stores from Honduras.

Phyllotreta sp., possibly *undulata* Kutsch. (Chrysomelidae), on cabbage in stores from England.

Phytomyza sp., probably *rufipes* (Agromyzidae), on cauliflower in stores from France and the Netherlands and on radish in air stores from an unknown origin.

Prays sp., near or *endocarpa* Meyr. (Hyponomeutidae), in grapefruit in air baggage and Mandarin orange in air stores from the Philippines.

Premnotrypes sp. (Curculionidae) (34 times) in potato in air baggage from Colombia, Ecuador, and Peru, in air stores from Chile, in baggage from Peru, and in stores from Colombia, Ecuador, and Peru.

Pseudonidia sp., not placed as anything described (Coccidae), on orchid plant in aircargo from India.

Rhynchites sp. (Curculionidae) in cherry in air baggage from Italy and on *Prunus* sp. plant in airmail from Iran.

Sternochetus sp., probably *maniferae* (Curculionidae), in mango in air baggage from the Philippines and quarters from Hawaii.

Tenuipalpus n. sp. (Tenuipalpidae) on *Plumeria* sp.(?) in mail from Mexico.

Xyleborus sp., near *testaceus* Walk. (Scolytidae), in raintree saman log in cargo from Fiji.

INCOMPLETELY DETERMINED DISEASES

Of the 357 incompletely determined diseases which were recorded, the following are of special interest:

Cercospora sp. on sweet basil leaf and pricklypear stem in baggage from Mexico.

Cryptosphaeria sp. on *Dendrobium* sp. stem in aircargo from India.

Cytospora sp., probably *sydowiana* (Syd.) Camara, on camellia twig in airmail from New Zealand.

Cytospora sp. on astilbe flower stalk in cargo from the Netherlands. None reported on this host as far as known.

Dothiorella sp. on *Araucaria cookii* seed in aircargo and *Howea forsteriana* seed in cargo from Australia.

Microstroma sp. on tomato in stores from Spain. *Microstroma* sp.(?) on loquat in air quarters from Italy.

Monochaetia sp. on sapodilla in baggage from Mexico. Not reported on this host as far as is known.

Mycosphaerella sp. on *Jatropha* sp. in baggage from Mexico and on tree peony stem in cargo and mail from Japan.

Pellicularia sp. on orchid plant in aircargo from Peru.

Pestalotia sp. on *Agave* sp. leaf in baggage from Mexico. There is no report on this host.

Phyllostictina sp. on tropic-American hymenocallis in mail from Hawaii.

Ravenelia sp., close to *pithecolobii* Arth., on guamachil apes-earring seed in baggage from Mexico.

Septoria sp., probably an undescribed species, on *Agave* sp. in baggage from Mexico.

Sphenospora sp., probably *kevorkianii*, on *Epidendrum* sp. leaf in aircargo from Honduras, on *Ionopsis* sp. leaf in air baggage from the Dominican Republic and in cargo from Mexico, on *Oncidium pusillum* leaf in aircargo from Peru, on *Oncidium* sp. leaf in aircargo from British Honduras and Peru, and on orchid leaf in aircargo from Honduras.

Sphenospora sp., probably *saphena*, on orchid leaf in aircargo from Guatemala.
Sphenospora sp. on *Ornithocephalus* sp. leaf in air baggage from Peru. Probably a new host.

Stomiopellis sp., probably should be described as new, on vi-apple in air baggage from Panama and Trinidad. None reported on Anacardiaceae.

Trematosphaeria sp. on leaf of *Agave* sp. plant in baggage from Mexico. No report on this host as far as known.

Virus, a new virus or a new strain of an old virus, on carnation leaf in cargo from Canada.

INCOMPLETELY DETERMINED NEMATODES

There were 936 nematode interceptions not completely determined as follows:

Acroboloides sp. in apple root stock in cargo from Canada.

Aphelenchoides sp. in amaryllis bulb in baggage from Mexico; in carnation in air baggage from Germany; in dahlia root in cargo from Japan and mail from Australia; in orchid, portulaca, rose, and unidentified plants and in soil with cactus in baggage from Mexico; in soil sample in cargo from Mexico; and in soil with tuberose in cargo from Italy.

Aphelenchus sp. in apple root stock in cargo from Canada; in soil with army tank in cargo from Germany; in soil with automobile in cargo from the Republic of South Africa; in soil with unidentified bulb in baggage from Cuba; in soil with cactus, citrus, dahlia, *Eugenia* sp.(?), fig, lemongrass, and rose plants in baggage from Mexico; and in soil with grape cuttings in air baggage from Italy.

Criconema sp., undescribed, in soil with African-violet and unidentified plant in baggage from Mexico. *Criconema* sp. in soil with unidentified plant in baggage from Mexico.

Criconemoides sp., probably *xenoplax* Raski, in soil with lily bulb in baggage from Mexico.

Criconemoides sp. in chrysanthemum in airmail from Formosa; in rhubarb root in baggage from Canada; and in soil sample in baggage and cargo and in soil with avocado, Bermuda grass, cactus, citrus, croton, echeveria, fig, guava, lemongrass, onion, palm, spiderwort, and unidentified plants in baggage from Mexico.

Ditylenchus sp. in dahlia root in cargo from Japan and mail from Australia, in garlic in cargo from Italy, in soil with cactus and unidentified plant in baggage from Mexico, and in torchlily in aircargo from England.

Helicotylenchus sp., probably *dihystera*, in soil with begonia in cargo from Mexico.

Helicotylenchus sp. was intercepted 98 times; 82 from Mexico, 2 each from the Azores and Brazil, and 1 each from Alaska, Cuba, England, France, Germany, Hawaii, Ireland, Italy, Japan, Portugal, Republic of South Africa, and Turkey. The hosts were various flower plants and soil with army tanks, refrigerator car, and unidentified bulbs and plants.

Hemicyclophora sp. in soil with mango plant in baggage from Mexico.

Heterodera sp., probably *avenae*, in soil with beet in stores from the Netherlands and in soil with peach tree in air baggage from Germany.

Heterodera sp., probably *humuli*, in soil with hop roots in cargo from Canada.

Heterodera sp., probably *punctata*, in soil with automobile in cargo from an unknown origin, in soil with cuphea plant in baggage from Mexico, and in soil with holly and lavender plants in air baggage from England.

Heterodera sp., probably *rostochiensis*, in soil in air baggage from Germany, in soil with automobile in cargo from England, in soil with heather in air baggage from Scotland, and in soil and debris from vegetables in stores from the Netherlands.

Heterodera sp., probably *trifolii*, in soil with army tank in cargo from Germany.

Heterodera sp., *caci* group (39 times), from Belgium, Canal Zone, England, France, Germany, Italy, Japan, Mexico, Poland, Portugal, Republic of South Africa, and Turkey. These were taken from a soil sample, soil with automobiles, and soil with cactus and various plants.

Heterodera sp., *goettingiana* group (207 times), cyst with cucurbit seed; in soil sample; in soil with automobile, military cargo, and tractor; in soil with carrot, celery, garlic, leek, onion, potato, rutabaga, and turnip in stores; and in soil with various bulbs and plants. Countries of origin were Argentina, Azores, Belgium, Brazil, Czechoslovakia, Denmark, England, France, Germany, Greece, Guatemala, Ireland, Israel, Italy, Japan, Lebanon, Mexico, Netherlands, Peru, Poland, Spain, Switzerland, United Arab Republic, an unknown origin, and Yugoslavia.

Heterodera sp., *rostochiensis* group, in soil with celery in stores from England, soil with orchid in baggage from Guatemala, soil with shamrock in airmail from

Ireland, and soil with jasmine, succulent, and unidentified plants in baggage from Mexico.

Heterodera sp., *schachtii* group (265 times), cysts with lentil seed; in soil ballast and samples; in soil with automobiles, bicycle, military cargo, railway car, shoes, and tractor; in soil with beet, carrot, celeriac, celery, garlic, horseradish, leek, onion, parsnip, potato, rutabaga, salsify, turnip, and yam in stores; and in soil with various bulbs and plants. Countries of origin were Argentina(?), Azores, Belgium, Brazil, British Honduras, Canada, Chile, Colombia, Czechoslovakia, Denmark, East Germany, England, France, Germany (West), Greece, India, Ireland, Israel, Italy, Japan, Netherlands, Norway, Pakistan, Panama, Peru, Poland, Portugal, Republic of South Africa, Spain, Sweden, Turkey, United Arab Republic, Wales, and Yugoslavia.

Heterodera sp. (24 times) in soil sample; in soil with automobile, military cargo, snow plow, and truck; in soil with horseradish, onion, potato, and turnip in stores; and in soil with asparagus, begonia, *Calathea* sp., citrus, dahlia, fuchsia, heather, stonecrop, and unidentified plants. Countries of origin were England, France, Germany, Hawaii, Hong Kong, Italy, Mexico, Peru, Portuguese Guinea, Scotland, Spain, and Turkey.

Hoplotaimus sp., probably *scinhorsti* Luc, in soil with croton plant in baggage from Mexico.

Hoplotaimus sp., undescribed, in soil with cactus plant in baggage from Mexico. *Hoplotaimus* sp. in soil sample and soil with onion, succulent plant, and sweet-potato in baggage from Mexico.

Meloidogyne sp., near *arenaria*, in carrot root in stores from Japan and in rubber-vine root in air baggage from Colombia.

Meloidogyne sp., probably *arenaria thamesi*, in dahlia root in cargo from Japan.

Meloidogyne sp., probably *hapla*, in beet root in stores from Poland and in brassbuttons root in aircargo from Germany.

Meloidogyne sp., possibly *incognita*, in beet in stores from Brazil, dasheen in cargo from Cuba, *Ledenbergia rosea-aenea* root in aircargo from Ireland, sansevieria in air baggage from Venezuela, and *Stephanotis* sp. root in baggage from Mexico.

Meloidogyne sp., possibly *incognita acrita*, in tulip root in baggage from England.

Meloidogyne sp., probably *javanica*, in beet root in stores from Australia, freesia root in air baggage from the Azores, strawberry root in aircargo from France, and yam in air baggage from Puerto Rico.

Meloidogyne n. sp.(?), close to *incognita acrita*, in astilbe root in cargo from the Netherlands. *Meloidogyne* sp., possibly a new species, in agapanthus root in mail from India.

Meloidogyne sp. (76 times) in roots of various bulbs, corms, flower plants, tubers, and vegetables from the Canal Zone, Cuba, Dominican Republic, England, Fiji, Formosa, France, Germany, Guatemala, Hawaii, India, Italy, Japan, Mexico, Netherlands, Peru, Singapore, and Switzerland.

Paratylenchus sp. in soil with African-violet in baggage from Mexico.

Pratylenchus sp., probably *penetrans*, in babysbreath root in cargo from the Netherlands.

Pratylenchus sp. (22 times) in roots of various flower plants from Canada, Colombia, Japan, Mexico, and Netherlands.

Pseudhalenchus sp. in soil with portulaca in baggage from Mexico.

Psilenchus sp. in hibiscus, Josephs-coat amaranth, and soil with anthurium, gardenia, and lemongrass plants in baggage from Mexico; and in soil with mint plant in baggage from Cuba.

Radopholus sp. in flamingo anthurium and ginger plants in mail from Hawaii.

Rotylenchus sp. in crassula, gardenia, soil sample, and soil with fern plant in baggage from Mexico; in soil with automobile in cargo from Sweden; and in unidentified plants in air baggage from England and an unknown origin.

Scutellonema sp. (22 times) in soil with automobiles in aircargo from Puerto Rico and cargo from Cuba; in soil with agave, amaryllis, asparagus-fern, begonia, caladium, citrus, *Eugenia* sp.(?), gardenia, lily, narcissus, philodendron, sansevieria, and unidentified plants in baggage from Mexico; and in yam root in air baggage from Cuba.

Tetylenchus sp. in amaryllis bulb in baggage from Mexico, in soil with railway refrigerator car in cargo from Mexico, and in soil sample and soil with echeveria and succulent plants in baggage from Mexico.

Trichodorus sp., undescribed, in soil with kalanchoe in air baggage from Guatemala. *Trichodorus* sp. in soil with fern plant in air baggage from Mexico.

Tylenchorhynchus sp. (29 times) in cactus, carnation, crassula, and gardenia plants and in soil with bamboo, begonia, coleus, dahlia, fig, flatsedge, geranium, hydrangea, lemongrass, onion, peperomia, peppertree, rose, succulent, and unidentified plants in baggage from Mexico and in soil with stonecrop in air baggage from England.

Tylenchus sp. in chrysanthemum in air baggage from England, Indiarubber fig plant in baggage from Brazil, in rose plant in baggage from Mexico, in soil with army tank in cargo from Germany, in soil with begonia in baggage from Argentina, in soil with cyclamen in baggage from Canada, and in soil sample and soil with fig, persimmon, rose, and unidentified plants in baggage from Mexico.

Xiphinema sp. in soil sample in air baggage from British Honduras and baggage and cargo from Mexico; in soil with acacia, banana, begonia, citrus, gardenia, lily, mango, succulent, and tuftroot plants and medicinal herbs in baggage from Mexico; in soil with croton plant in aircargo from British Honduras; and in soil with jasmine plant in air baggage from Cuba.

Summary of Numbers of Interceptions Listed in Main Table

Country	Insect	Disease	Country	Insect	Disease
Africa:			Europe—Continued		
Africa (country(?))	2	0	England	106	80
Algeria	4	0	Finland	1	1
Angola	1	0	France	98	37
Canary Islands	0	1	France(?)	1	0
Cape Verde Islands	1	0	Germany	35	44
East Africa	1	0	Greece	46	3
Ethiopia	4	2	Greece(?)	0	1
Kenya	1	0	Hungary	1	0
Liberia	2	0	Ireland	47	16
Libya	11	0	Italy	436	32
Mauritius	1	0	Lithuania	1	0
Morocco	44	2	Netherlands	81	39
Mozambique	0	1	Netherlands(?)	1	0
Nigeria	1	0	Northern Ireland	102	0
Republic of South Africa	21	96	Norway	5	4
Republic of the Congo	2	0	Poland	11	2
Senegal	2	0	Portugal	24	2
Sierra Leone	2	1	Scotland	8	5
Sudan	103	0	Spain	102	11
Tanganyika	1	0	Sweden	2	8
Tunisia	1	0	Switzerland	9	21
United Arab Republic	6	0	Union of Soviet Socialist Re-		
West Africa	4	1	publics	3	5
Asia:			Wales	0	1
Afghanistan	1	1	Yugoslavia	5	0
Asia (country(?))	0	7	North America:		
Ceylon	8	0	Bermuda	13	1
China	3	43	Canada	5	6
Cyprus	4	0	Central America:		
Federation of Malaya	1	2	British Honduras	33	3
Formosa	24	21	Canal Zone	38	14
Hong Kong	11	111	Costa Rica	34	10
India	68	17	El Salvador	64	0
Indonesia	5	1	Guatemala	36	13
Iran	9	0	Honduras	30	15
Israel	12	0	Nicaragua	22	1
Japan	521	587	Panama	71	8
Japan(?)	4	0	Iceland	3	0
Jordan	2	0	Mexico	453	228
Korea	1	2	West Indies:		
Kuwait	1	0	American Virgin Islands	4	0
Lebanon	11	1	Antigua	12	1
Macao	0	1	Aruba	2	0
Nepal	0	1	Bahamas	19	3
Pakistan	11	1	Bahamas(?)	0	1
Singapore	7	2	Barbados	6	2
Syria	2	0	Cayman Islands	6	0
Thailand	10	6	Cuba	26	4
Turkey	20	0	Curacao	1	0
Vietnam	3	1	Dominica	2	1
Australasia:			Dominican Republic	62	6
American Samoa	7	0	Grenada	1	0
Australia	13	79	Guadeloupe	2	1
Eniwetok	1	0	Haiti	22	4
Fiji	8	0	Haiti(?)	1	0
French Polynesia	1	0	Jamaica	69	22
Guam	10	1	Puerto Rico	57	8
Hawaii	576	8	Puerto Rico(?)	1	0
Johnston Island	1	0	St. Kitts	2	0
Kwajalein	3	0	St. Martin	1	0
Marshall Islands	1	0	Tortola	3	0
New Guinea	1	0	Trinidad	13	3
New Zealand	2	8	South America:		
Norfolk Island	0	7	Argentina	23	80
Okinawa	7	3	Bolivia	2	0
Philippines	29	6	Brazil	74	149
Philippines(?)	5	0	British Guiana	3	0
Southwest Pacific	1	0	Chile	2	1
Tahiti	31	1	Colombia	20	4
Tahiti(?)	0	4	Ecuador	53	16
West Pacific	1	0	Paraguay	1	4
Europe:			Peru	32	24
Austria	2	4	Peru(?)	2	0
Azores	32	4	South America (country(?))	1	0
Belgium	8	2	Surinam	2	0
Czechoslovakia	5	1	Uruguay	0	4
Denmark	13	4	Venezuela	12	3

Summary of Numbers of Interceptions Listed in Main Table—Continued

Country	Insect	Disease	Country	Insect	Disease
Totals:			Totals—Continued		
Africa.....	215	104	Total incompletely determined pests.....	3,223	1,293
Asia.....	739	805	Total insect interceptions.....	7,550	3,371
Australasia.....	698	117	Total disease interceptions.....		10,921
Europe.....	1,185	327	Grand total*.....		
North America.....	1,114	353			
South America.....	227	285			
Unknown.....	149	87			
Total.....	4,327	2,078			

*This total represents only pests of known or potential plant quarantine importance or organisms of scientific interest. The total of all interceptions made during the year was 33,033.

NOTE.—Interceptions were also made from British West Africa, Canton Island, Christmas Island, Crete, Ghana, Guinea, Ivory Coast, Malta, Martinique, Montserrat, Netherlands New Guinea, Portuguese Guinea, Rumania, and Zanzibar.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of inter- ceptions in—			Collected in—
		Consump- tion	Nonentry	Propaga- tion	
<i>Acanthoscelides armitagei</i> (Pic) (Bruchidae):					
<i>Cajanus cajan</i> (pigeonpea)-----	Colombia, Jamaica, Panama, Peru, Trinidad, unknown.	12	-----	1	Fla., N.Y.
<i>Phaseolus lunatus</i> (lima bean)-----	Colombia, Ecuador	-----	-----	2	D.C.
<i>P. vulgaris</i> (bean)-----	Colombia, Jamaica, Trinidad, unknown, Venezuela.	2	1	2	D.C., Fla., La., N.Y. Tex.
<i>Pisum sativum</i> (pea)-----	Panama	1	-----	-----	Fla.
Stores (with mixed fruits)-----	Unknown	-----	1	-----	N.Y.
<i>Acanthoscelides griseolus</i> (Fall.) (Bruchidae):					
<i>Cajanus cajan</i> (pigeonpea)-----	Panama, Peru	3	-----	-----	Fla., N.Y.
<i>Lens culinaris</i> (lentil)-----	Nicaragua	1	-----	-----	Calif.*
<i>Phaseolus lunatus</i> (lima bean)-----	Peru	-----	1	-----	Pa.
<i>P. vulgaris</i> (bean)-----	Panama	1	-----	-----	Calif.*
<i>Pisum sativum</i> (pea)-----	do	1	-----	-----	Fla.
<i>Sesbania aculeata</i> (cannabina)-----	Mexico	-----	-----	1	Calif.
<i>Sesbania</i> sp.-----	do	1	-----	3	Ariz., Calif.
<i>Acanthoscelides spinipes</i> (Er.) (Bruchidae):					
Legume (seed)-----	Greece	-----	-----	1	N.Y.
<i>Acentroptera nevermanni</i> Uhmann (Chrysomelidae):					
Bromeliad-----	Costa Rica	-----	-----	1	Fla.
<i>Achaea janata</i> (L.) (Noctuidae):					
Airplane-----	Unknown	-----	1	-----	Hawaii.
<i>Codiaeum variegatum</i> (croton)-----	Hawaii	1	-----	-----	Hawaii.
<i>Achatina fulica</i> Bowdich (Achatinidae):					
Baggage-----	do	8	-----	-----	Hawaii.
Military cargo-----	Okinawa	2	-----	-----	Calif.*
<i>Acrolepia assectella</i> (Zell.) (Hyponomeutidae):					
<i>Allium cepa</i> (onion)-----	France	1	-----	-----	N.Y.
<i>A. porrum</i> (leek)-----	Denmark, France, Italy, Netherlands, Norway, Spain.	-----	9	-----	N.Y., N.C. Ohio, Pa.
Stores-----	France	-----	1	-----	N.Y.
<i>Acronicta psi</i> (L.) (Noctuidae):					
<i>Rosa</i> hybrid (leaf)-----	Poland	1	-----	-----	N.Y.
<i>Adelphocoris lineolatus</i> (Goeze) (Miridae):					
<i>Fagus</i> sp. (beech) cutting-----	England	-----	-----	1	Mass.
<i>Adoretus sinicus</i> Burm. (Scarabaeidae):					
<i>Acalypha</i> sp. (copperleaf)-----	Hawaii	-----	-----	1	Hawaii.
Airplane-----	do	-----	2	-----	Hawaii.
Baggage-----	do	2	-----	-----	Hawaii.
Flowers-----	do	1	-----	-----	Hawaii.
<i>Mangifera indica</i> (mango)-----	do	1	-----	-----	Hawaii.
Orchid-----	do	1	-----	-----	Hawaii.
<i>Adoxophyes reticulana</i> (Hbn.) (Tortricidae):					
<i>Syringa</i> sp. (lilac) cut flowers-----	Netherlands	3	-----	-----	N.Y.
<i>Aeolus pictus</i> (Cand.) (Elateridae):					
Orchid-----	Honduras	-----	-----	2	Fla.
<i>Aganactesis indecora</i> Dyar (Galleriidae):					
<i>Cassia</i> sp. (senna) seed pod-----	Jamaica, Trinidad	2	-----	-----	Fla., N.Y.
<i>Agonopterix costosa</i> (Haw.) (Oecophoridae):					
<i>Cytisus scoparius</i> (Scotch-broom)-----	Canada	-----	-----	1	Wash.
<i>Agonozena pyrogramma</i> Meyr. (Agonozenidae):					
<i>Cocos nucifera</i> (coconut)-----	Guam	1	-----	-----	Hawaii.
<i>Akermes andersoni</i> Newst. (Coccidae):					
<i>Garcinia mangostana</i> (mangosteen) sepal-----	Liberia	1	-----	-----	N.Y.
<i>Aleurocanthus citripedus</i> Q. & B. (Aleyrodidae):					
<i>Citrus</i> sp. (leaf)-----	Philippines	1	-----	-----	Hawaii.
<i>Aleurocanthus woglumi</i> Ashby (Aleyrodidae):					
<i>Citrus aurantifolia</i> (lime) leaf-----	Mexico	3	-----	-----	Tex.
<i>C. sinensis</i> (sweet orange) leaf-----	do	1	-----	-----	Tex.
<i>Citrus</i> sp. (leaf)-----	Ecuador, Mexico	6	-----	-----	Fla., Tex.
<i>Aleurodicus tridescens</i> Okil. (Aleyrodidae):					
<i>Echinodorus</i> sp. (burhead)-----	Peru	-----	-----	3	Fla.
<i>Aleurothrixus myrtacei</i> Bondar (Aleyrodidae):					
<i>Laurus nobilis</i> (Grecian laurel) leaf-----	British Honduras	1	-----	-----	Fla.
<i>Aleurotrachelus camelliae</i> (Kuw.) (Aleyrodidae):					
<i>Camellia japonica</i> (leaf)-----	Japan	-----	-----	2	D.C.
<i>Aleyrodes lonicerae</i> Wlk. (Aleyrodidae):					
<i>Fragaria</i> sp. (strawberry) leaf-----	France	-----	-----	1	N.Y.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Alpheias conspirata</i> Hein. (Galleriidae):					
<i>Ananas comosus</i> (pineapple)	Mexico	4			Tex.
<i>Alsophila membranaria</i> (Christ.) (Geometridae):					
<i>Prunus</i> sp. (cut flowers)	Japan	2			Hawaii.
<i>Althos obscurus</i> (Stal) (Coreidae):					
Bromeliad	Mexico			1	Tex.
<i>Amitermes wheeleri</i> (Desn.) (Termitidae):					
Cactus	do			1	Tex.
<i>Amnestus uhleri</i> Dist. (Pentatomidae):					
<i>Chamaedorea</i> sp. (palm)	do			1	Tex.
<i>Amphimallon majalis</i> Raz. (Scarabaeidae):					
Quarters	Unknown		1		Mich.
<i>Anaballus amplicollis</i> (Fairm.) (Curculionidae):					
<i>Artocarpus</i> sp. (seed)	Guam			1	Hawaii.
<i>Anacridium aegyptium</i> (L.) (Aceridae):					
<i>Brassica oleracea</i> var. <i>capitata</i> (cabbage)	Italy		1		Md.
Military cargo	Spain	2			Mass., Tex.
<i>Anastrepha ludens</i> (Loew) (Tephritidae):					
<i>Casimiroa edulis</i> (white sapote)	Mexico	2			Tex.
<i>Citrus aurantifolia</i> (lime)	do	6			Ariz., Calif., Tex.
<i>C. aurantium</i> (sour orange)	do	1			Fla.
<i>C. paradisi</i> (grapefruit)	do	5	1		Ala., Tex.
<i>C. sinensis</i> (sweet orange)	Guatemala, Mexico	35	4		Ariz., Calif.,* Fla., Tex., Va.
<i>Cydonia oblonga</i> (quince)	Mexico	1			Tex.
<i>Mangifera indica</i> (mango)	do	19	1		Calif., Calif.,* Fla., Ill., N.Y., Tex.
<i>Pyrus communis</i> (pear)	do	1			Tex.
<i>Anastrepha mombinpraeoptans</i> Sein (Tephritidae):					
<i>Citrus sinensis</i> (sweet orange)	do	1			Tex.
<i>Eugenia jambos</i> (rose-apple)	British Honduras	1			Calif.*
<i>Mangifera indica</i> (mango)	Barbados, British Honduras, Costa Rica, Curacao, Dominican Republic, El Salvador, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico, Venezuela.	110	6		Ala., Calif., Calif.,* Fla., La., Md., N.Y., N.C., P.R., Tex.
<i>Psidium guajava</i> (guava)	Dominican Republic	1			Pa.
<i>Spondias cytherea</i> (vi-apple)	Jamaica	2			N.Y.
<i>S. mombin</i> (yellow mombin)	Costa Rica, Dominican Republic, El Salvador, Guatemala, Mexico, Nicaragua.	21	1		Calif.,* Fla., N.Y.
<i>S. purpurea</i> (purple mombin)	Guatemala	1			La.
<i>Terminalia catappa</i> (tropical almond)	Jamaica	1			N.Y.
<i>Anastrepha serpentina</i> (Wied.) (Tephritidae):					
<i>Achras zapota</i> (sapodilla)	El Salvador	1			Calif.*
<i>Calocarpum zapota</i> (mamey sapote)	do	2			Calif.*
<i>Anastrepha suspensa</i> (Loew) (Tephritidae):					
<i>Psidium guajava</i> (guava)	Jamaica, Puerto Rico	3			N.Y., P.R.
<i>Ancognatha scarabaeoides</i> Er. (Scarabaeidae):					
Airplane	Colombia		1		Fla.
<i>Ancylostoma stercora</i> (Zell.) (Phycitidae):					
Bromeliad (leaf)	Mexico			1	Fla.
<i>Cajanus cajan</i> (pigeonpea)	Canal Zone, Dominican Republic, Haiti, Jamaica, Panama, St. Kitts, St. Martin, Tortola.	29	1		Am. V.I., Calif.,* Fla., Ill., N.Y.
<i>Cicer arietinum</i> (chickpea)	El Salvador, Panama	2			Calif.,* Fla.
<i>Phaseolus vulgaris</i> (bean)	Dominican Republic	1			N.Y.
<i>Pisum sativum</i> (pea)	Ecuador	1			Fla.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Anthela ocellata</i> Wlk. (?) (Lymantriidae): Airplane	Australia		1		Hawaii.
<i>Antilocoris punctatus</i> (Dist.) (Lygaeidae): Orchid (plant)	Mexico			1	Tex.
<i>Antiteuchus panamensis</i> Ruckes (Pentatomidae): Orchid (plant)	Honduras			1	Fla.
<i>Antonina graminis</i> (Mask.) (Coccidae): <i>Digitaria pentzii</i> (Pentz fingergrass)	Formosa			1	D.C.
<i>Anuraphis apiifolia</i> Theob. (Aphidae): <i>Cynara scolymus</i> (artichoke)	Italy		1		Wis.
<i>Foeniculum vulgare</i> (fennel)	do	1			Mass.
<i>Anuraphis cardui</i> (L.) (Aphidae): <i>Lactuca sativa</i> (lettuce)	do		1		N.Y.
<i>Aonidiella citrina</i> Coq. (Coccidae): <i>Citrus aurantium</i> (sour orange)	Japan		1		Calif.*
<i>C. reticulata</i> (Mandarin orange)	do	1			Hawaii.
<i>C. sinensis</i> (sweet orange)	Japan, Republic of South Africa, Spain, unknown.	2	3		Fla., Hawaii, Mich.
<i>Acnidiella comperei</i> McKenzie (Coccidae): <i>Citrus paradisi</i> (grapefruit)	Cuba			1	D.C.
<i>Aonidiella inornata</i> McKenzie (Coccidae): <i>Cocos nucifera</i> (coconut)	Philippines		1		Calif.*
<i>Cycas revoluta</i> (sago palm)	Okinawa			1	Hawaii.
<i>Aphis callunae</i> Theob. (Aphidae): <i>Calluna vulgaris</i> (heather)	Poland	1			N.Y.
<i>Apion griseum</i> Sm. (Curculionidae): <i>Phaseolus vulgaris</i> cv. (string bean)	Mexico		4		Tex.
<i>Apomecyna saltator</i> (Fab.) (Cerambycidae): <i>Cucumis dipsaceus</i> (teaselgourd)	Hawaii		1		Hawaii.
<i>Aracercus levipennis</i> Jord. (Anthribidae): <i>Leucaena leucocephala</i> (white popinae leadtree) pod.	do		1		Hawaii.
<i>Archachatina marginata</i> (Swainson) (Achatinidae): Cargo (as specimen for zoo)	Spain		1		Calif.*
<i>Ardis sulcata</i> (Cam.) (Tenthredinidae): <i>Rosa hybrid</i> (leaf)	Germany		1		Ill.
<i>Arge ochropa</i> (Gmel.) (Argidae): <i>Rosa hybrid</i> (out flower)	Poland		2		N.Y.
<i>Arge pleuritica</i> (Klug) (Argidae): Airplane	France(?)			1	Pa.
<i>Arge similis</i> (Voll.) (Argidae): <i>Rhododendron obtusum</i> var. <i>kaempferi</i> (torch azalea)	Japan			1	D.C.
<i>Rhododendron</i> sp.	do			1	D.C.
<i>Argyresthia confjugella</i> (Zell.) (Hyponomeutidae): <i>Malus sylvestris</i> (apple)	Norway, Union of Soviet Socialist Republics.	3			N.Y.
<i>Sorbus</i> sp. (mountainash) berry	England, Norway, Scotland.	3		1	N.Y.
<i>Argyresthia eugeniella</i> Busck (Hyponomeutidae): <i>Psidium guajava</i> (guava)	Puerto Rico		1		P.R.
<i>Arianta arbustorum</i> (L.) (Helicidae): <i>Fragaria</i> sp. (strawberry) plant	Netherlands			1	N.Y.
Soil with <i>Rosa hybrid</i> (plant)	Germany		1		N.Y.
<i>Arion ater</i> (L.) (Arionidae): <i>Beta vulgaris</i> var. <i>cicla</i> (Swiss chard)	Italy		1		N.Y.
<i>Bromeliad</i> (leaf)	Netherlands			1	Fla.
Leaf—unidentified	France		1		N.Y.
<i>Arion circumscriptus</i> Johnston (Arionidae): Soil on <i>Rosa hybrid</i>	Germany			1	N.J.
<i>Arion hortensis</i> Fer. (Arionidae): <i>Brassica oleracea</i> var. <i>capitata</i> (cabbage)	England, France		2		N.Y., P.R.
<i>Lactuca sativa</i> (lettuce)	France		2		N.Y.
<i>Malus sylvestris</i> (apple)	Germany, Ireland		2		Ill., Mich
Soil	France		1		Mass, Ill.
Soil with flower bulb	do			1	Ill.
<i>Arphnus melanotylus</i> Ashlock (Lygaeidae): Bromeliad (plant)	Mexico			1	Tex

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of in- terceptions in—			Collected in—
		Consump- tion	Nonentry	Propaga- tion	
<i>Aspidiotus destructor</i> Sign. (Coccidae): <i>Cocos nucifera</i> (coconut).....	American Virgin Islands, Bahamas, Costa Rica, Cay- man Islands, Nica- ragua, Panama.	5	2	-----	Bahamas, Calif.,* Fla., N.Y.
<i>Kentia</i> sp. (palm) leaf.....	Japan.....	-----	1	-----	Calif.*
<i>Maranta</i> sp. (arrowroot) leaf.....	Panama.....	-----	-----	1	Fla.
<i>Prunus domestica</i> (plum).....	Mexico.....	-----	-----	1	Tex.
<i>Terminalia catappa</i> (tropical almond).....	Jamaica.....	1	-----	-----	Fla.
<i>Aspidiotus diffinis</i> Newst. (Coccidae): <i>Spondias</i> sp. (mombin).....	Mexico.....	1	-----	-----	Ariz.
<i>Aspidiotus excisus</i> Green (Coccidae): <i>Cocos nucifera</i> (coconut) cap.....	Costa Rica.....	1	-----	-----	Calif.*
<i>Aspidiotus herculeanus</i> Ckll. & Hadden (Coccidae): Fruit—unidentified.....	El Salvador.....	1	-----	-----	Calif.*
<i>Spondias mombin</i> (yellow mombin).....	Nicaragua.....	1	-----	-----	Calif.*
<i>Aspidiotus mendax</i> (McKenzie) (Coccidae): Bromeliad (leaf).....	Brazil.....	-----	-----	1	Fla.
<i>Aspidiotus palmarum</i> Ckll. (Coccidae): Artocarpus sp. (leaf).....	Philippines.....	-----	1	-----	Hawaii.
Bromeliad (leaf).....	Germany.....	-----	-----	1	Fla.
<i>Cocos nucifera</i> (coconut) cap.....	Costa Rica.....	1	-----	-----	Calif.*
<i>Cycas revoluta</i> (sago palm).....	Mexico.....	-----	-----	1	Tex.
<i>Kentia</i> sp. (palm) leaf.....	Japan.....	-----	1	-----	Calif.*
<i>Trichopilia tortilis</i> (orchid) leaf.....	Guatemala.....	-----	-----	1	Fla.
<i>Asterobemisia carpinii</i> (Koch) (Aleyrodidae): <i>Rubus</i> sp. (leaf).....	France.....	-----	3	-----	Mass., N.Y.
<i>Asterolecanium bambusae</i> (Bdv.) (Coccidae): <i>Bambusa</i> sp. (bamboo).....	Mexico.....	1	-----	-----	Calif.
<i>Asterolecanium epidendri</i> (Bouché) (Coccidae): Broughtonia sp. (orchid).....	Jamaica.....	-----	-----	1	Fla.
<i>Cattleya</i> sp. (orchid) leaf.....	Costa Rica.....	-----	-----	1	Fla.
<i>Epidendrum collare</i> (orchid) leaf.....	Ecuador.....	-----	-----	2	Calif.*
<i>Odontoglossum</i> sp. (orchid) leaf.....	Costa Rica.....	-----	-----	1	Fla.
<i>Oncidium</i> sp. (orchid) leaf.....	Brazil, Peru.....	-----	-----	2	Fla.
Orchid (leaf).....	Brazil, Cuba, Ja- maica, Nicaragua, Panama, Peru.	-----	-----	8	Fla.
<i>Asterolecanium euphorbiae</i> Rsl. (Coccidae): <i>Euphorbia stellaspina</i> (starspine euphorbia)....	Republic of South Africa.....	-----	-----	1	Tex.
<i>Asterolecanium miliaris miliaris</i> (Bdv.) (Coccidae): Bamboo (node).....	Cuba.....	1	-----	-----	Fla.
<i>Asterolecanium pseudomiliaris</i> Green (Coccidae): <i>Bambusa vulgaris</i> (common bamboo).....	Hawaii.....	1	-----	-----	Hawaii.
<i>Asterolecanium simile</i> Rsl. (Coccidae): <i>Orbignya cohune</i> (cohune palm) seed.....	British Honduras.....	-----	-----	1	Fla.
<i>Atheas nigricornis</i> Champ. (Tingidae): Bromeliad.....	Mexico.....	-----	-----	1	Tex.
<i>Aulacaspis ericacearum</i> Takagi (Coccidae): <i>Epigaea asiatica</i> (Asiatic trailing-arbutus).....	Japan.....	-----	-----	1	D.C.
<i>Aulacaspis tubercularis</i> Newst. (Coccidae): <i>Mangifera indica</i> (mango).....	El Salvador, Formosa, Pakistan.....	8	-----	1	Calif.,* Fla., Wash.
<i>Austrotortrix postvittana</i> (Wlk.) (Tortricidae): Airplane.....	New Zealand.....	-----	1	-----	Hawaii.
<i>Autographa gamma</i> (L.) (Noctuidae): <i>Brassica oleracea</i> var. <i>botrytis</i> (cauliflower).....	France.....	-----	1	-----	N.Y.
<i>Lactuca sativa</i> (lettuce).....	do.....	-----	1	-----	N.Y.
<i>Baris lepidii</i> Germ. (Curculionidae): <i>Armoracia lapathifolia</i> (horseradish) root.....	Czechoslovakia.....	1	-----	-----	N.Y.
<i>Bathydema socia</i> Uhler (Lygaeidae): Orchid (plant).....	Ecuador.....	-----	-----	2	Fla., N.Y.
<i>Batrachedra linaria</i> Clarke (Cosmopterigidae): <i>Agave shawii</i>	Mexico.....	-----	-----	2	Calif.
<i>Bephrata maculicollis</i> Cam. (Eurytomidae): <i>Annona muricata</i> (soursoop).....	Venezuela.....	1	-----	-----	Fla.
<i>Bibio marci</i> (L.) (Bibionidae): Airplane.....	France.....	-----	1	-----	N.Y.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Blastodacna atra</i> (Haw.) (Cosmopterigidae):					
<i>Malus sylvestris</i> (apple).....	Poland, unknown.....	1	1	-----	N.Y.
<i>Blastophagus piniperda</i> (L.) (Scolytidae):					
Conifer (crate).....	Portugal.....	1	-----	-----	Fla.
<i>Blissus diplopterus</i> Dist. (Lygaeidae):					
<i>Ornithogalum thyrsoides</i> (Cape chinkerichee)....	Republic of South Africa.....	1	-----	-----	N.Y.
<i>Prunus armeniaca</i> (apricot).....	do.....	2	-----	-----	N.Y.
<i>Blosyris scopis</i> (Guen.) (Noctuidae):					
Airplane.....	Unknown.....	-----	1	-----	N.Y.
<i>Bostrichus capucinus</i> (L.) (Bostrichidae):					
<i>Glycyrrhiza</i> sp. (licorice) root.....	Syria.....	1	-----	-----	Md.
<i>Brachybaenus ablutus</i> (Brunn.) (Gryllacrididae):					
Airplane.....	Mexico.....	-----	1	-----	Tex.
<i>Brachycerus albidentatus</i> Gyll. (Curculionidae):					
<i>Allium sativum</i> (garlic).....	Italy.....	1	-----	-----	N.Y.
<i>Bradybaena similis</i> (Fer.) (Bradybaenidae):					
<i>Anthurium</i> sp. (cut flowers).....	Hawaii.....	2	-----	-----	Hawaii.
<i>Antirrhinum majus</i> (snapdragon) cut flowers.....	Bermuda.....	1	-----	-----	N.Y.
<i>Asparagus plumosus</i> (fern asparagus).....	Hawaii.....	1	-----	-----	Hawaii.
Plants—unidentified.....	Bermuda.....	-----	-----	1	Va.
<i>Zingiber officinale</i> (ginger).....	Hawaii.....	1	-----	1	Hawaii.
<i>Brevipalpus obovatus</i> Donn. (Tenuipalpidae):					
<i>Citrus sinensis</i> (sweet orange).....	Argentina.....	-----	1	-----	Ga.
<i>Bruchidius lividimanus</i> (Gyll.) (Bruchidae):					
<i>Cytisus battandieri</i> (broom) seed.....	France.....	-----	-----	1	N.J.
<i>Bruchus dentipes</i> (Baudi) (Bruchidae):					
<i>Vicia faba</i> (broadbean).....	Italy.....	1	-----	-----	Ill.
<i>Bruchus ervi</i> Froel. (Bruchidae):					
<i>Lens culinaris</i> (lentil).....	England, Greece, Italy, Spain, Turkey.....	5	3	-----	Fla., N.J., N.Y., Pa., Wis.
<i>Bruchus lentis</i> Froel. (Bruchidae):					
<i>Lens culinaris</i> (lentil).....	Italy, Netherlands.....	3	1	-----	N.J., N.S.C.
<i>Bruchus signaticornis</i> Gyll. (Bruchidae):					
<i>Lathyrus</i> sp. (peavine).....	Italy.....	1	-----	-----	N.Y.
<i>Lens</i> sp. (lentil).....	do.....	1	-----	1	N.Y.
<i>Vicia faba</i> (broadbean).....	do.....	1	-----	-----	N.Y.
<i>Bruchus tristis</i> Boh. (Bruchidae):					
<i>Lathyrus sativus</i> (grass peavine).....	do.....	1	-----	1	N.Y.
<i>Lupinus</i> sp. (lupine) seed.....	Azores.....	-----	-----	1	N.Y.
<i>Bulimulus fraterculus</i> (Potiez & Michaud) (Bulimulidae):					
Military cargo.....	Morocco.....	1	-----	-----	N.Y.
<i>Bulimulus hepatostomus</i> Pfeiffer (Bulimulidae):					
Cactus (plant).....	Mexico.....	-----	-----	1	Tex.
<i>Bulimulus unicolor</i> (Sowerby) (Bulimulidae):					
<i>Musa paradisiaca</i> var. <i>sapientum</i> (banana).....	Honduras.....	3	-----	-----	N.Y., S.C.
<i>Cacoecimorpha pronubana</i> (Hbn.) (Tortricidae):					
<i>Dianthus caryophyllus</i> (carnation) cut flowers.....	Unknown.....	1	-----	-----	N.Y.
Plant material (flowers and vegetables).....	France.....	1	-----	-----	N.Y.
<i>Punica granatum</i> (pomegranate).....	Italy.....	3	-----	-----	N.Y.
<i>Callidium rufipenne</i> Motsch. (Cerambycidae):					
Wood (milled lumber).....	Japan.....	-----	1	-----	Calif.*
<i>Callosobruchus analis</i> (F.) (Bruchidae):					
<i>Cajanus cajan</i> (pigeonpea).....	India.....	-----	1	-----	Tex.
<i>Phaseolus aureus</i> (mung bean).....	do.....	-----	1	-----	Tex.
<i>Calocoris hispanicus</i> (Gmelin) (Miridae):					
<i>Rosa</i> hybrid (rose) petals.....	France.....	1	-----	-----	N.Y.
<i>Campylenchis hastata</i> F. (Membracidae):					
<i>Coffea</i> sp. (coffee) berry.....	Trinidad.....	-----	-----	1	Am. V.I.
<i>Capaneus tetricus</i> Stal (Coreidae):					
<i>Oncidium luridum</i> (orchid) plant.....	Mexico.....	-----	-----	1	Tex.
Orchid.....	do.....	-----	-----	1	Tex.
<i>Capillifera plebeia</i> (Draparnaud) (Helicellidae):					
Soil.....	Italy.....	1	-----	-----	N.Y.
<i>Cardiophorus histrio</i> Erichson (Elateridae):					
Succulent (plant).....	Republic of South Africa.....	-----	-----	1	Fla.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Carposina niponensis</i> Wlsm. (Carposinidae):					
<i>Malus sylvestris</i> (apple).....	Japan.....	---	9	---	Calif.* Ha- waii, Pa., Wash. Wash.
<i>Pyrus communis</i> (pear).....	do.....	1	---	---	
<i>Carvedon gonagra</i> (F.) (Bruchidae):					
Bagging (used).....	Netherlands.....	1	---	---	S.C.
Stores.....	India, unknown.....	---	2	---	La., Tex.
<i>Tamarindus indica</i> (tamarind) pod.....	India.....	---	3	---	Pa., Tex.
<i>Caulotops distant</i> (Reuter) (Miridae):					
<i>Agave victoriae-reginae</i>	Mexico.....	---	---	5	Tex.
<i>Cecilioides acicula</i> (Müller) (Achatinidae):					
<i>Apium graveolens</i> (celery).....	Netherlands.....	---	1	---	Pa.
Bulb—unidentified.....	Germany.....	---	---	1	N.Y.
Orchid (plant).....	British Honduras.....	---	---	1	Fla.
Soil with <i>Brassica napobrassica</i> (rutabaga).....	Germany.....	---	1	---	Fla.
Soil with propagative material (cactus, <i>Olea europaea</i> , <i>Prunus</i> sp., <i>Sedum</i> sp., and unidentified plants).	Azores, Germany, Iran, Italy.....	---	---	6	D.C., Mass., Mich., Pa.
<i>Cecilioides aperta</i> (Swainson) (?) (Achatinidae):					
<i>Encephalartos hildebrandtii</i> (Hildebrandt kaffirbread).	Kenya.....	---	---	1	N.J.
<i>Cenopalpus pulcher</i> (C. & F.) (Tenuipalpidae):					
<i>Sorbus domestica</i> (service tree mountainash) fruit and leaf.	Italy.....	2	---	---	N.Y.
<i>Cepaea nemoralis</i> (L.) (Helicidae):					
Military cargo.....	France.....	3	---	---	La., N.Y.
<i>Ceratitis capitata</i> (Wied.) (Tephritidae):					
<i>Capsicum annuum</i> (pepper).....	Italy.....	1	---	---	N.Y.
<i>Citrus limon</i> (lemon).....	do.....	1	---	---	N.Y.
<i>C. paradisi</i> (grapefruit).....	Cyprus, Italy, Spain, Turkey.....	---	5	---	Ala., Ga., Md., N.Y., Pa.
<i>C. reticulata</i> (Mandarin orange).....	Argentina, Italy.....	8	---	---	N.Y.
<i>C. sinensis</i> (sweet orange).....	Azores, Italy, Leb- anon, Portugal, Spain, United Arab Republic, unknown. Brazil, Hawaii.....	5	11	---	Fla., N.Y., Pa., P.R.
<i>Coffea arabica</i> (Arabian coffee) berry.....	Brazil, Hawaii.....	50	---	2	Calif.* Fla., Hawaii.
<i>Coffea</i> sp.....	Brazil.....	2	---	---	N.Y.
<i>Cydonia oblonga</i> (quince).....	Greece, Italy.....	3	---	---	N.Y.
<i>Diospyros</i> sp. (persimmon).....	Italy.....	1	---	---	N.Y.
<i>Eriobotrya japonica</i> (loquat).....	do.....	2	---	---	N.Y.
<i>Ficus carica</i> (fig).....	Argentina, Italy.....	17	---	---	Fla., Mass., N.Y.
<i>Malus sylvestris</i> (apple).....	Italy.....	1	---	---	N.Y.
<i>Opuntia humifusa</i> (prickly pear).....	Greece, Italy.....	4	---	---	N.Y.
<i>Prunus domestica</i> (plum).....	Italy.....	2	---	---	Mass., N.Y.
<i>P. persica</i> (peach).....	do.....	2	2	---	N.Y.
<i>P. persica</i> var. <i>nectarina</i> (nectarine).....	Argentina.....	1	---	---	Fla.
<i>Psidium littorale</i> (Cattley guava).....	Portugal.....	1	---	---	N.Y.
<i>P. littorale</i> var. <i>lucidum</i> (yellow Cattley guava).....	do.....	1	---	---	N.Y.
<i>Punica granatum</i> (pomegranate).....	Argentina, Israel, Italy.....	6	---	---	Fla., N.Y.
<i>Pyrus communis</i> (pear).....	Italy.....	6	---	---	Mass., N.Y.
Rosaceae (fruit).....	Cyprus.....	2	---	---	N.Y.
<i>Sorbus</i> sp. (mountainash) fruit.....	Italy.....	1	---	---	N.Y.
<i>Terminalia catappa</i> (tropical almond).....	Hawaii.....	2	---	---	Hawaii.
<i>Vitis</i> sp. (grape).....	Azores.....	---	1	---	N.Y.
<i>Ceratitis capitata</i> (Wied.) (?) (Tephritidae):					
<i>Citrus grandis</i> (pummelo).....	Hawaii.....	1	---	---	Hawaii.
<i>C. paradisi</i> (grapefruit).....	Peru (?).....	---	1	---	Fla.
<i>C. sinensis</i> (sweet orange).....	Italy, Spain.....	---	2	---	Fla., Mass
<i>Coffea arabica</i> (Arabian coffee) berry.....	Hawaii.....	3	---	---	Hawaii.
<i>Coffea</i> sp. (seed).....	Ethiopia.....	---	---	1	D.C.
<i>Diospyros kaki</i> (kaki persimmon).....	Argentina.....	1	---	---	Fla.
<i>Pandanus</i> sp. (screw pine) lei.....	Hawaii.....	1	---	---	Hawaii.
<i>Ceratitis colae</i> Silv. (Tephritidae):					
<i>Coffea</i> sp. (seed).....	Ethiopia.....	---	---	1	D.C.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Cerconota anonella</i> (Sepp) (Stenomidae):	Brazil	1			N.Y.
<i>Annona squamosa</i> (sugar-apple)	Brazil, Honduras, Paraguay.		1	3	Fla., Tex.
<i>Annona</i> sp. (fruit)					
<i>Ceroastes rubens</i> Mask. (Coccidae):					
<i>Alyxia olivaeformis</i> (maile alyxia) leaf	Hawaii	1			Calif.*
<i>Cibotium</i> sp. (tree fern)	do	1			Hawaii.
<i>Polypodium</i> sp. (fern)	Tahiti	1			Hawaii.
<i>Ceratomyza atrofasciata</i> Jac. (Chrysomelidae):					
<i>Fragaria</i> sp. (strawberry)	Mexico	2			N.Y.
<i>Ceutorhynchus pleurostigma</i> Marsh. (Curculionidae):					
<i>Brassica rapa</i> (turnip)	Italy		1		Calif.*
<i>Characoma albulalis</i> Wlk. (?) (Noctuidae):					
Airplane	Unknown		1		Hawaii.
<i>Chilo loftini</i> Dyar (Crambidae):					
<i>Saccharum officinarum</i> (sugarcane)	Mexico	44			Ariz., Calif.
<i>Chilo suppressalis</i> (Wlk.) (Crambidae):					
Cargo (with <i>Santalum</i> sp. (sandalwood) tree)	Japan			1	Hawaii.
<i>Oryza sativa</i> (rice) straw	Japan, Philippines, Spain, unknown.	15	2		Calif.,* Hawaii, N.J., N.Y., Va.
<i>Chilo zonellus</i> (Swinh.) (Crambidae):					
Airplane	Philippines		1		Hawaii.
<i>Chlorotettix tethys</i> Van Duzee (Cicadellidae):					
Airplane	Nicaragua		1		P.R.
<i>Chondropoma picta</i> (Pfeiffer) (?) (Pomatiasidae):					
Orchid (plant)	Cuba			1	Fla.
<i>Chondrula pupa</i> (Bruguere) (?) (Enidae):					
Roots—unidentified	Italy	1			N.Y.
<i>Chrysomphalus agavis</i> (Towns. & Ckll.) (Coccidae):					
<i>Yucca</i> sp.	Mexico			1	Calif.*
<i>Chrysomphalus calurus</i> (Ckll.) (Coccidae):					
<i>Spondias mombin</i> (yellow mombin)	Guatemala, Nicaragua.	2			Calif.*
<i>Chrysomphalus nigropunctatus</i> (Ckll.) (Coccidae) (tentative):					
<i>Dracaena</i> sp. (stem)	Costa Rica			1	Fla.
<i>Chrysomphalus nulliporus</i> McKenzie (Coccidae):					
<i>Dendrobium</i> sp. (orchid) leaf	India			1	N.J.
<i>Chrysomphalus odontoglossi</i> (Ckll.) (Coccidae):					
<i>Cydonia oblonga</i> (quince)	Peru	1			Fla.
<i>Chrysomphalus paulistus</i> (Hempel) (Coccidae) (tentative):					
<i>Laurus</i> sp. (laurel) leaf	Argentina	1			Fla.
<i>Chrysomphalus personatus</i> (Comst.) (Coccidae):					
<i>Citrus aurantifolia</i> (lime)	Brazil, Mexico		4		Calif.*
<i>C. aurantium</i> (sour orange)	Brazil		1		Calif.*
<i>C. limon</i> (lemon)	do		1		Calif.*
<i>C. paradisi</i> (grapefruit)	do		1		Calif.*
<i>C. sinensis</i> (sweet orange)	Argentina, Brazil, unknown.	2	19		Calif.,* Fla.
<i>Cocos nucifera</i> (coconut) cap	Costa Rica	1			Pa.
Leaf—unidentified	do		1		Calif.*
<i>Mangifera indica</i> (mango)	Mexico	2			Calif.*
<i>Chrysomphalus sphaeroides</i> (Ckll.) (Coccidae):					
<i>Chamaedorea</i> sp. (palm) plant	do			1	Calif.
<i>Chrysomphalus tenax</i> (McKenzie) (Coccidae):					
<i>Philodendron dubium</i>	do			1	Tex.
<i>Chrysomphalus tingi</i> (McKenzie) (Coccidae):					
<i>Agave americana</i> (century plant)	do			1	Calif.*
<i>Chrysomphalus umboniferus</i> (Newst.) (Coccidae):					
<i>Bromeliad</i> (plant)	Costa Rica			1	Fla.
<i>Cattleya</i> sp. (orchid) leaf	Honduras			1	Fla.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Chrysomphalus umboniferus</i> —Continued					
<i>Diachaea</i> sp. (orchid) leaf.....	Costa Rica.....	-		1	Fla.
Orchid (leaf).....	Canal Zone, Costa Rica, El Salvador, Guatemala, Mexico, Peru.....			13	Ariz., Calif.,* Fla.
<i>Philodendron</i> sp. (leaf).....	Peru.....			1	Fla.
<i>Sobralia</i> sp. (orchid) leaf.....	Costa Rica.....			1	Calif.*
<i>Cladius pectinicornis</i> (Fourc.) (Tenthredinidae):					
<i>Rosa</i> hybrid (rose).....	Denmark, England, Germany, Netherlands, Switzerland.....	4	1	1	Ill., Mich., N.Y., Wash.
Soil with <i>Ilex</i> sp. plant.....				1	N.Y.
<i>Clausilia lineolata</i> Held (?) (Clausiliidae):					
Military cargo.....	France.....	1			N.J.
<i>Cleistophus similis</i> (Chev.) (Curculionidae):					
<i>Chrysanthemum</i> sp. (cut flowers).....	Guatemala.....	1			Fla.
<i>Clerada apicicornis</i> Sign. (Lygaeidae):					
Baggage.....	Hawaii.....	1			Hawaii.
Grass (dried—used for tea).....	Dominican Republic.....	1			N.Y.
<i>Clystiana ambiguella</i> (Hbn.) (Phalonidae):					
<i>Prunus persica</i> (peach).....	Italy.....	1			N.Y.
<i>Vitis</i> sp. (grape).....	do.....	1			N.Y.
<i>Coccus alpinus</i> deLotto (Coccidae):					
<i>Coffea arabica</i> (Arabian coffee).....	Brazil.....	1		1	Fla.
<i>Coccus viridis</i> (Green) (Coccidae):					
<i>Alpinia purpurata</i>	Hawaii.....	1			Hawaii.
<i>Alstonia</i> sp. (leaf).....	New Guinea.....	1			Calif.*
<i>Citrus</i> sp. (plant).....	Tahiti.....			1	Hawaii.
<i>Coffea arabica</i> (Arabian coffee) berry.....	Hawaii.....	8			Hawaii.
<i>Gardenia jasminoides</i>	do.....	121	2	7	Calif.* Hawaii.
<i>Ixora chinensis</i>	Fiji.....	1			Hawaii.
<i>Ixora</i> sp.....	Tahiti.....	2			Hawaii.
<i>Plumeria rubra</i> (Mexican frangipani).....	Hawaii.....			1	Hawaii.
<i>Plumeria</i> sp.....	do.....		1	2	Hawaii.
<i>Polianthes tuberosa</i> (tuberose).....	Tahiti.....	1			Hawaii.
<i>Schinus terebinthifolia</i> (Brazil peppertree).....	Hawaii.....	1			Hawaii.
<i>Triphasia trifolia</i> (limeberry).....	do.....			1	Hawaii.
<i>Cochlicella barbara</i> (L.) (Helicellidae):					
Military cargo.....	Italy, Libya, Morocco, Spain.....	24			La., N.Y., S.C., Va.
<i>Mirabilis jalapa</i> (common four-o'clock) seed.....	France.....			1	Pa.
Soil.....	Italy.....	1			N.Y.
<i>Cochlicella conoidea</i> (Draparnaud) (Helicellidae):					
Military cargo.....	Spain.....	1			Va.
<i>Cochlicella ventrosa</i> (Fer.) (Helicellidae):					
<i>Brassica oleracea</i> var. <i>botrytis</i> (broccoli) seed.....	Italy.....			1	N.Y.
<i>Cedrus</i> sp. (cedar).....	Bermuda.....		1		Fla.
Military cargo.....	Azores, Italy, Morocco, Spain, Turkey.....	13			La., N.Y., S.C., Tex., Va.
Soil with unidentified plants.....	Bermuda.....			1	Va.
<i>Conchaspis orchidarum</i> Mamet (Coccidae):					
Orchid (pseudobulb).....	Panama.....			1	P.R.
<i>Conchylodes bryophilalis</i> Hamp. (Pyraustidae):					
Airplane.....	Costa Rica.....		1		Fla.
<i>Conocephalus longipennis</i> (Haan) (Tettigoniidae):					
Airplane.....	Philippines.....		1		Hawaii.
<i>Conoderus exsul</i> (Sharp) (Elateridae):					
<i>Asparagus myriocladus</i>	Hawaii.....	1			Hawaii.
<i>Conotelus mexicanus</i> Murr. (Nitidulidae):					
<i>Chrysanthemum</i> sp. (cut flowers).....	Mexico.....	5			Ariz., Tex.
<i>Cucurbita</i> sp.....	do.....	1			Ariz.
<i>Gardenia</i> sp.....	Hawaii.....	1			Hawaii.
<i>Lathyrus odoratus</i> (sweetpea).....	Mexico.....	1			Tex.
<i>Plumeria</i> sp.....	Hawaii.....	1			Hawaii.
<i>Spinacia oleracea</i> (spinach).....	Mexico.....	1			Tex.
<i>Vanda</i> sp. (orchid).....	Hawaii.....	1			Hawaii.
<i>Zinnia</i> sp. (cut flowers).....	Mexico.....	1			Ariz.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Conotrachelus aguacatae</i> Barber (Curculionidae): <i>Persea americana</i> (avocado).....	Mexico.....	11			Ariz., Tex.
<i>Conotrachelus perseae</i> Barber (Curculionidae): <i>Persea americana</i> (avocado).....	do.....	1			Tex.
<i>Contigaspis indogoferae</i> Hall (Coccidae): Succulent (plant).....	Republic of South Africa.....			1	D.C.
<i>Coptotermes testaceus</i> L. (Rhinotermitidae): <i>Jacarand:</i> sp. (log).....	Brazil.....	1			La.
<i>Coryda nemoraloides</i> (C. B. Adams) (Helminthoglyptidae): <i>Philodendron</i> sp. (plant).....	Jamaica.....			1	Fla.
<i>Corythaica carinata</i> Uhler (Tingidae): Herb (dried).....	Barbados.....	1			N.Y.
<i>Mentha</i> sp. (mint) leaf.....	Haiti.....	1			N.Y.
<i>Corythaica cyathicollis</i> (Costa) (Tingidae): Flowers.....	Antigua.....	1			Am. V.I.
<i>Corythucha mceifreshi</i> Drake (Tingidae): <i>Montanoa hibiscifolia</i>	Mexico.....	1			Tex.
<i>Coryzorhaphis cruciata</i> Stal (Pentatomidae): Cargo.....	Honduras.....	1			S.C.
<i>Cosmopolites sordidus</i> (Germ.) (Curculionidae): <i>Musa</i> sp. (banana) plant.....	Mexico.....			1	Tex.
<i>Crocidophora sinisalis</i> (Wlk.) (Pyraustidae): Airplane.....	Japan(?).....			1	Hawaii.
<i>Cryphula apicata</i> (Dist.) (Lygaeidae): Bromeliad (plant).....	Canal Zone, Mexico.....			3	Ariz., Fla., Tex.
Cactus (plant).....	Mexico.....			1	Tex.
Orchid (plant).....	British Honduras, Guatemala, Honduras, Mexico.....			10	Ariz., Fla., Tex.
Plant—unidentified.....	Mexico.....			1	Tex.
<i>Cryptolabes gnidiella</i> (Mill.) (Phycitidae): <i>Citrus sinensis</i> (sweet orange).....	Italy, Spain, unknown.....	1	11		Fla., N.Y., N.C.
<i>Punica granatum</i> (pomegranate).....	France, Greece, Israel, Italy.....	15			Mich., N.Y.
<i>Vitis</i> sp. (grape).....	Italy.....	1			N.Y.
<i>Cryptocephalus marginicollis</i> Suffr. (Chrysomelidae): <i>Ananas comosus</i> (pineapple).....	Cuba.....	1			Fla.
<i>Cryptophlebia leucotreta</i> (Meyr.) (Olethreutidae): <i>Citrus sinensis</i> (sweet orange).....	Republic of South Africa.....		2		Pa.
<i>Coffea arabica</i> (Arabian coffee).....	Ethiopia.....			1	D.C.
<i>Cryptophlebia ombrodelta</i> (Lower) (Olethreutidae): <i>Phaseolus lunatus</i> (lima bean).....	Hawaii.....	1			Hawaii.
<i>Pithecellobium dulce</i> (guamachil apes-earring) pod.....	do.....	1			Hawaii.
<i>Samanea saman</i> (raintree saman) seed.....	do.....			1	Hawaii.
<i>Cryptotermes brevis</i> (Wlk.) (Kalotermitidae): Paper (carton).....	do.....	2			Hawaii.
<i>Ctenoglyphus plumiger</i> (Koch) (Glycyphagidae): <i>Citrus sinensis</i> (sweet orange).....	Argentina.....		1		Fla.
<i>Curculio elephas</i> (Gyll.) (Curculionidae): <i>Castanea</i> sp. (chestnut).....	Greece, Italy, Portugal, Spain, Yugoslavia.....	118			Ill., Mass., N.Y., Pa.
<i>Quercus suber</i> (cork oak) seed.....	Spain.....			1	N.J.
<i>Quercus</i> sp. (seed).....	Italy.....	2			N.Y.
<i>Curculio nucum</i> L. (Curculionidae): <i>Castanea</i> sp. (chestnut).....	do.....	1			N.Y.
<i>Corylus avellana</i> (European filbert) nut.....	Italy, Lithuania.....	2			N.Y.
<i>Corylus</i> sp. (hazelnut).....	France.....	1			N.Y.
<i>Cylas formicarius</i> (F.) var. (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato).....	Puerto Rico.....	2			P.R.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of inter-ceptions in—			Collected in—
		Consump- tion	Nonentry	Propaga- tion	
<i>Cylas formicarius elegantulus</i> (Summers) (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato).....	Antigua, Cuba, Dominican Republic, Haiti(?), Trinidad, Venezuela.	8	6	-----	Ala., Fla., N.Y., P.R.
<i>Cylas puncticollis</i> Boh. (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato).....	Sierra Leone.....	-----	1	-----	Md.
<i>Dacus dorsalis</i> Hend. (?) (Tephritidae): <i>Artocarpus altilis</i> (breadfruit).....	Hawaii.....	1	-----	-----	Hawaii.
<i>Carica papaya</i> (papaya).....	do.....	2	-----	-----	Hawaii.
<i>Mangifera indica</i> (mango).....	Guam, Hawaii.....	5	-----	-----	Calif.,* Hawaii.
<i>Murraya paniculata</i> (orange-jasmine) fruit.....	Hawaii.....	1	-----	-----	Hawaii.
<i>Musa</i> sp. (banana).....	do.....	1	-----	-----	Hawaii.
<i>Psidium guajava</i> (guava).....	Hawaii, Philippines.....	3	-----	-----	Hawaii.
<i>Terminalia catappa</i> (tropical almond).....	Hawaii.....	7	-----	-----	Hawaii.
<i>Dacus dorsalis</i> Hend. (?) (Tephritidae): <i>Eugenia malaccensis</i> (Malay-apple).....	do.....	1	-----	-----	Hawaii.
<i>Psidium guajava</i> (guava).....	Unknown.....	-----	1	-----	Hawaii.
<i>Terminalia catappa</i> (tropical almond).....	Hawaii.....	1	-----	-----	Hawaii.
<i>Dacus oleae</i> (Gmel.) (Tephritidae): <i>Olea europaea</i> (olive).....	Cyprus, Italy, Lebanon, Spain, Syria.	43	-----	-----	Mass., N.Y.
<i>Deilephila nerii</i> (L.) (Sphingidae): Cargo (with cow horns in boxes).....	Africa (country(?)).....	1	-----	-----	La.
<i>Deloyala guttata</i> (Ol.) (Chrysomelidae): Airplane.....	Dominican Republic.....	-----	1	-----	P.R.
<i>Dendrocoris variegatus</i> Nelson (Pentatomidae): Orchid (plant).....	Mexico.....	-----	-----	1	Tex.
Plant—unidentified.....	do.....	-----	-----	1	Tex.
<i>Dendrothripoides ipomoeae</i> Bagnall (Thripidae): <i>Operculina tuberosa</i> (wood-rose).....	Hawaii.....	1	-----	-----	Hawaii.
<i>Dialeurodes chittendeni</i> Laing (Aleyrodidae): <i>Rhododendron</i> 'Ursula Sims' <i>Rhododendron</i> sp.....	Germany..... England, Nether- lands.	----- -----	----- 19	1 -----	N.J. N.J.
<i>Dialeurodes citrifolii</i> (Morg.) (Aleyrodidae): <i>Citrus sinensis</i> (sweet orange) leaf.....	Nicaragua.....	1	-----	-----	Calif.*
<i>Dialeurodes kirkaldyi</i> (Kot.) (Aleyrodidae): <i>Gardenia</i> sp. (leaf).....	Tahiti.....	2	-----	-----	Calif.,* Hawaii.
<i>Jasminum sambac</i> (Arabian jasmine).....	Hawaii.....	2	-----	1	Hawaii.
<i>Jasminum</i> sp. (leaf).....	Philippines.....	-----	-----	1	Calif.*
<i>Diaphania indica</i> (Saund.) (Pyraustidae): <i>Cucumis</i> sp.....	Jamaica.....	2	-----	-----	Fla.
<i>Diaphone eumela</i> (Cram.) (Noctuidae): <i>Ornithogalum thyrsoides</i> (Cape chinkerlichee).....	Republic of South Africa.	2	-----	-----	N.Y.
<i>Diaspis juniperi</i> (Bouché) (Coccidae): <i>Juniperus squamata</i> var. <i>wilsonii</i> (Wilson singleseed juniper).....	Netherlands.....	-----	-----	1	D.O.
<i>Juniperus</i> sp. (berry).....	Yugoslavia.....	-----	-----	1	Mich.
<i>Thuja occidentalis</i> 'Indomitabile'.....	Netherlands.....	-----	-----	1	D.O.
<i>Diaspis minima</i> Targ. (Coccidae): <i>Cupressus</i> sp. (cypress) cone.....	France, Italy.....	2	-----	-----	Mass., N.Y.
<i>Diatraea magnifacella</i> Dyar (Crambidae): <i>Saccharum officinarum</i> (sugarcane) node.....	Mexico.....	1	-----	-----	Tex.
<i>Dichelops furcatus</i> (F.) (Pentatomidae): <i>Vitis</i> sp. (grape).....	Argentina.....	1	-----	-----	La.
<i>Dichrocercis punctiferalis</i> (Guen.) (Pyraustidae): <i>Pinus</i> sp. (5-needle pine) twig.....	Japan.....	-----	-----	1	Calif.*
<i>Dichromothrips corbetti</i> (Priesner) (Thripidae): <i>Vanda</i> 'Miss Joachim' (orchid).....	Hawaii.....	4	-----	-----	Hawaii.
<i>Diocalandra taitensis</i> (Guer.) (Curculionidae): <i>Cocos nucifera</i> (coconut).....	do.....	4	1	-----	Calif.,* Hawaii.
<i>Dolerus anthracinus</i> (Klug) (Tenthredinidae): Airplane.....	France.....	-----	1	-----	Ill.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of inter-ceptions in—			Collected in—
		Consump- tion	Noncon- sumption	Propaga- tion	
<i>Drosicha howardi</i> (Kuw.) (Coccidae) (tentative): Rhododendron sp.-----	Japan-----	-----	-----	1	D.C.
<i>Drymaeus alternans</i> (Beck) (Bulimulidae): Bromeliad (plant)-----	Costa Rica, Honduras, Guatemala-----	-----	-----	2	Fla.
Orchid (plant)-----	-----	-----	-----	1	Tex.
<i>Drymaeus cuernavacensis</i> (Crosse & Fischer) (Bulimulidae): Orchid (plant)-----	Mexico-----	-----	-----	1	Tex.
<i>Drymaeus hegewischi</i> (Pfeiffer) (Bulimulidae): Bromeliad (plant)-----	do-----	-----	-----	2	Ariz., Tex.
<i>Drymaeus hepatostomus</i> (Pfeiffer) (?) (Bulimuli- dae): Selaginella sp. (plant)-----	do-----	-----	-----	1	Tex.
<i>Drymaeus heyneimanni</i> (Pfeiffer) (Bulimulidae): Orchid (plant)-----	do-----	-----	-----	1	Tex.
<i>Drymaeus multilineatus</i> (Say) (Bulimulidae): Orchid (plant)-----	Venezuela-----	-----	-----	1	Fla.
<i>Drymaeus rudis</i> (Anton) (Bulimulidae): Orchid (plant)-----	Mexico-----	-----	-----	1	Tex.
<i>Dyscinetus frater</i> Bates (Scarabaeidae): Quarters-----	do-----	-----	1	-----	Fla.
<i>Dyscinetus laetipunctatus</i> Bates (Scarabaeidae): Quarters-----	do-----	-----	1	-----	Fla.
<i>Dysdercus mimulus</i> Hussey (Pyrrhocoridae): Automobile-----	do-----	-----	2	-----	Tex.
Railway car-----	do-----	-----	1	-----	Tex.
<i>Dysdercus mimus</i> (Say) (?) (Pyrrhocoridae): Cargo (with bananas)-----	Ecuador-----	1	-----	-----	Fla.
<i>Dysdercus obliquus</i> (H.-S.) (?) (Pyrrhocoridae): Railway car-----	Mexico-----	-----	1	-----	Ariz.
<i>Dyspessa ulula</i> (Bkh.) (Cossidae): Allium sativum (garlic)-----	Spain-----	1	-----	-----	P.R.
<i>Earias insulana</i> (Bdv.) (Noctuidae): Hibiscus esculentus (okra) pod-----	Unknown-----	1	-----	-----	N.Y.
<i>Ectomyelois ceratoniae</i> (Zell.) (Phycitidae): Annona reticulata (custard-apple)-----	Jamaica-----	1	-----	-----	Fla.
Barringtonia sp. (pod)-----	Hawaii-----	3	-----	-----	Hawaii.
Ceratonia siliqua (carob) pod-----	Italy, Netherlands(?), Yugoslavia-----	5	-----	-----	N.Y.
Citrus limon (lemon)-----	Italy-----	-----	1	-----	N.Y.
C. paradisi (grapefruit)-----	do-----	1	-----	-----	Md.
C. sinensis (sweet orange)-----	Azores, Italy, Repub- lic of South Africa, Spain, Union of So- viet Socialist Re- publics, unknown-----	2	8	-----	Fla., Mass., N.Y., N.C., Va.
<i>Cydonia oblonga</i> (quince)-----	Greece, Italy-----	2	-----	-----	N.Y.
<i>Ficus carica</i> (fig)-----	Italy-----	2	-----	-----	N.Y.
<i>Juglans</i> sp. (walnut)-----	Greece, Italy-----	5	-----	-----	N.Y., Wash.
Legume (pod)-----	Italy-----	1	-----	-----	N.Y.
<i>Prunus amygdalus</i> (almond)-----	Greece-----	1	-----	-----	N.Y.
<i>Punica granatum</i> (pomegranate)-----	Greece, Italy-----	4	-----	-----	N.Y.
<i>Pyrus communis</i> (pear)-----	Italy-----	1	-----	-----	N.Y.
<i>Tamarindus indica</i> (tamarind) pod-----	Bahamas-----	1	1	-----	Fla.
<i>Ectomyelois phoea</i> (Durrant) (?) (Phycitidae): Ficus carica (fig) dried-----	Italy-----	1	-----	-----	N.Y.
<i>Elaphidion conspersum</i> Newm. (Cerambycidae): Airplane-----	Dominican Republic-----	-----	1	-----	P.R.
<i>Ephesia calidella</i> (Guen) (Phycitidae): Capsicum annuum (pepper)-----	Italy-----	1	-----	-----	N.Y.
<i>Epichorista ionephele</i> (Meyr.) (Tortricidae): Ornithogalum thyrsoides (Cape chinkerichee)-----	Republic of South Africa-----	1	-----	-----	N.Y.
<i>Epilachna borealis</i> (F.) var. (Coccinellidae): Musa paradisiaca var. sapientum (banana)-----	Ecuador-----	2	-----	-----	Md., Tex.
<i>Epinotia aporema</i> (Wism.) (Olethreutidae): Phaseolus vulgaris cv. (string bean)-----	Mexico-----	1	1	-----	Tex.
<i>Epitraneus lactipennis</i> Carn. (Chalcididae): Vanda 'Miss Joachim' (orchid)-----	Hawaii-----	1	-----	-----	Hawaii.
<i>Eriophyes canestrinii</i> (Nal.) (Eriophyidae): Buxus sempervirens (boxwood)-----	England, Netherlands-----	-----	3	2	N.J., Wash.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of inter-ceptions in—			Collected in—
		Consump- tion	Nonentry	Propaga- tion	
<i>Eriophyes leionotus</i> (Nal.) (Eriophyidae):					
<i>Betula coerules</i> (blueleaf birch) leaf	Sweden	1			N.Y.
<i>Ethelema scbrina</i> Sharp (Colydiidae):					
Bromeliad (plant)	Mexico			1	Tex.
<i>Eucalymnatus tessellatus</i> (Sign.) (Coccidae):					
<i>Gardenia</i> sp. (leaf)	do	2			Tex.
Orchid (leaf)	Dominica			1	Fla.
<i>Eucheira socialis</i> Westw. (Pieridae):					
<i>Arbutus menziesii</i> (Pacific madrone)	Mexico	1			Tex.
<i>Euphyllura olivina</i> (Costa) (Psyllidae):					
<i>Olea europaea</i> (olive) branch	Italy	1			N.Y.
<i>Eurygaster integriceps</i> Puton (Pentatomidae):					
<i>Triticum aestivum</i> (wheat)	Israel			1	N.Y.
<i>Eurytoma crchidearum</i> (Westw.) (Eurytomidae):					
<i>Cattleya labiata</i> (orchid)	Brazil			1	Fla.
<i>Cattleya</i> sp.	Colombia, Hawaii, unknown.			4	Fla., Hawaii.
Orchid	Mexico			1	Calif.*
<i>Euscepes postfasciatus</i> (Fairm.) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)	Brazil, Hawaii, Peru, Puerto Rico, Trini- dad.	2	3		Ala., Calif.,* Md., P.R.
<i>Eustrophinus marginatus</i> (Champ.) (Melandryi- dae):					
Orchid	Mexico			2	Tex.
<i>Euxoa bilitura</i> (Guen.) (Noctuidae):					
Airplane	Unknown			1	Fla.
<i>Everes comyntas</i> (Godt.) (Lycaenidae):					
<i>Phaseolus vulgaris</i> cv. (string bean)	Mexico	4			Tex.
<i>Pisum sativum</i> (pea)	do	1			Tex.
<i>Egergestis forficulis</i> (L.) (Pyraustidae):					
<i>Brassica oleracea</i> var. <i>capitata</i> (cabbage)	France, Germany, Italy.			6	N.Y., N.C.
<i>Erptochiamera albomaculata</i> (Dist.) (Lygaeidae):					
Orchid (plant)	Guatemala, Mexico			3	Fla., Tex.
<i>Erptochiamera confusa</i> Barber (Lygaeidae):					
Orchid (plant)	Mexico			1	Tex.
<i>Solanum melongena</i> (eggplant)	do	1			Ariz.
<i>Erptochiamera formosa</i> (Dist.) (Lygaeidae):					
<i>Aloe vera</i> (true aloe)	do			1	Tex.
<i>Philodendron hastatum</i>	do			1	Tex.
<i>Erptochiamera tumens</i> (Stal) (Lygaeidae):					
Bromeliad (plant)	Canal Zone			1	Fla.
<i>Fiorinia theae</i> Green (Coccidae):					
<i>Camellia</i> sp. (leaf)	Mexico	1			Tex.
<i>Forficula aetolica</i> Brunn. (Forficulidae):					
<i>Punica granatum</i> (pomegranate)	Greece	1			N.Y.
<i>Forficula decipiens</i> Gene (Forficulidae):					
<i>Triticum aestivum</i> (wheat) straw jacket	France	1			N.J.
<i>Forficula senegalensis</i> Serv. (Forficulidae):					
Baggage	Africa (country(?))	1			Md.
<i>Frankliniella formosa</i> Mlt. (Thripidae):					
<i>Chrysanthemum morifolium</i> (florists chrysan- themum) cut flowers.	Japan	16	2		Hawaii, Wash.
<i>Cyclamen</i> sp.	do	1			Hawaii.
<i>Dianthus caryophyllus</i> (carnation)	Formosa, Japan	19	4		Hawaii, Oreg., Wash.
<i>Disporum kawakamii</i> (fairly bells)	Formosa			1	Wash.
Flowers	Formosa, Japan, unknown.	2	2		Wash.
<i>Gardenia</i> sp.	Japan			1	Hawaii.
<i>Litchi chinensis</i> (lychee)	Hong Kong	1			Hawaii.
<i>Oryza sativa</i> (rice)	Okinawa	1			Hawaii.
<i>Pandanus</i> sp. (screwpine)	American Samoa	1			Hawaii.
<i>Rosa</i> hybrid	Japan, Philippines	1	1		Hawaii.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Frankliniella intonsa</i> (Tryb.) (Thripidae):					
<i>Dianthus caryophyllus</i> (carnation).....	Germany, unknown.....	1	1	-----	N.Y., Wash.
Flowers.....	England, Iceland, unknown.....	1	2	-----	N.J., Pa., Wash.
<i>Gladiolus</i> hybrid (cut flowers).....	Israel.....	1	-----	-----	N.Y.
Nursery stock.....	Netherlands.....	-----	-----	1	N.J.
<i>Rosa</i> hybrid (rose).....	England, France, Germany, unknown, Yugoslavia.....	4	2	1	Mass., Mich., N.Y., Pa., Wash.
Soil with <i>Primula</i> sp. (plant).....	England.....	-----	-----	1	N.J.
<i>Frankliniella panamensis</i> Hood (Thripidae):					
<i>Zantedeschia aethiopica</i> (calla lily).....	Colombia.....	1	-----	-----	N.Y.
<i>Frankliniella schultzei</i> (Tryb.) (Thripidae):					
<i>Chrysanthemum</i> sp.....	Australia.....	1	-----	-----	Hawaii.
<i>Dianthus</i> sp.....	do.....	-----	1	-----	Hawaii.
<i>Frankliniella sulphurea</i> Schmutz (Thripidae):					
<i>Rosa</i> hybrid (cut flowers).....	Tahiti.....	1	-----	-----	Hawaii.
<i>Frankliniella tenuicornis</i> (Uzel) (Thripidae):					
Flowers.....	Unknown.....	-----	1	-----	Pa.
<i>Frankliniella williamsi</i> Hood (Thripidae):					
<i>Chrysanthemum</i> sp. (cut flowers).....	Mexico.....	1	-----	-----	Ariz.
Orchid (plant).....	do.....	-----	-----	1	Tex.
<i>Zea mays</i> (corn).....	do.....	2	-----	-----	Ariz., Tex.
<i>Fundella pellucens</i> (Zell.) (Phycitidae):					
<i>Cajanus cajan</i> (pigeonpea).....	Jamaica, St. Kitts.....	2	-----	-----	Am. V.I., N.Y.
<i>Phaseolus vulgaris</i> cv. (string bean).....	Surinam.....	-----	1	-----	Fla.
<i>Pisum sativum</i> (pea).....	Puerto Rico.....	1	-----	-----	P.R.
<i>Vigna sinensis</i> (cowpea).....	do.....	1	-----	-----	P.R.
<i>Furcaspis oceanica</i> Ldgr. (Coccidae):					
<i>Cocos nucifera</i> (coconut).....	Eniwetok, Kwajalein, Marshall Islands, unknown.....	5	-----	-----	Hawaii.
<i>Galgupha punctifer</i> McA. & Mall. (Pentatomidae):					
Bromeliad (plant).....	Mexico.....	-----	-----	1	Tex.
<i>Galgupha quadrisignata</i> (Stal) (Pentatomidae):					
Bromeliad (plant).....	do.....	-----	-----	1	Tex.
Orchid (plant).....	Honduras.....	-----	-----	1	Fla.
<i>Genaparlatoria pseudaspidiotus</i> (Ldgr.) (Coccidae):					
Orchid.....	Singapore.....	-----	-----	1	Calif.*
<i>Vanda teres</i> (orchid).....	Formosa.....	-----	-----	1	Calif.*
<i>Vanda</i> sp.....	Hawaii.....	-----	-----	2	Calif.*
<i>Geotomus pygmaeus</i> (Dallas) (Cydniidae):					
Airplane.....	Tahiti.....	-----	1	-----	Hawaii.
<i>Alpinia purpurata</i>	Hawaii.....	1	-----	-----	Hawaii.
Baggage.....	do.....	1	-----	-----	Hawaii.
<i>Cordyline terminalis</i> (ti).....	do.....	-----	-----	1	Hawaii.
<i>Glycyphagus michaeli</i> Oud. (Glycyphagidae):					
<i>Malus sylvestris</i> (apple).....	Japan.....	1	-----	-----	Wash.
<i>Gnorimoschema borsaniella</i> Koehr. (Gelechiidae):					
<i>Capsicum annuum</i> (pepper).....	Peru.....	1	-----	-----	Fla.
<i>Gnorimoschema gudmannella</i> (Wism.) (Gelechiidae):					
<i>Capsicum annuum</i> (pepper).....	Mexico.....	6	-----	-----	Ariz., Calif., Tex.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	1	-----	-----	Tex.
<i>Gnorimoschema ocellatella</i> (Boyd) (Gelechiidae):					
<i>Beta vulgaris</i> (beet).....	United Arab Republic.....	-----	3	-----	Pa.
<i>B. vulgaris</i> var. <i>cicla</i> (Swiss chard).....	Italy.....	-----	1	-----	N.Y.
Stores.....	do.....	-----	1	-----	N.Y.
<i>Gnorimoschema plaesiosema</i> (Turner) (Gelechiidae):					
<i>Solanum tuberosum</i> (potato).....	Peru.....	1	-----	-----	Fla.
<i>Goniogaster varicolor</i> Mayr (Torymidae):					
<i>Ficus</i> sp. (wild fig).....	Ethiopia.....	1	-----	-----	N.Y.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of in- terceptions in—			Collected in—
		Consump- tion	Noncon- sumption	Propaga- tion	
<i>Gonocerus insidiator</i> (F.) (Coreidae):					
<i>Mimosa</i> sp. (blooms).....	France.....	1			N.Y.
<i>Gortyna flavago</i> (Schiff.) (Noctuidae):					
<i>Cynara cardunculus</i> (cardoon) stem.....	Italy.....	1			Md.
<i>Gracilaria azalea</i> Brants (Gracilariidae):					
<i>Rhododendron</i> sp. (azalea) leaf.....	Belgium, Netherlands.....			3	N.Y.
<i>Grapholitha funebrana</i> (Treit.) (Olethreutidae):					
<i>Prunus domestica</i> (plum).....	Czechoslovakia, Poland.....	2			N.Y.
<i>Grapholitha janthiana</i> (Dup.) (Olethreutidae):					
<i>Malus sylvestris</i> (apple).....	Hungary.....	1			N.Y.
<i>Grapholitha packardii</i> Zell. (Olethreutidae):					
<i>Cydonia oblonga</i> (quince).....	Mexico.....	1			Tex.
<i>Gymnandrosoma aurantianum</i> Costa Lima (Olethreutidae):					
<i>Citrus sinensis</i> (sweet orange).....	Colombia, unknown.....		2		Md., N.Y.
<i>Gymnococcus agasium</i> (Dougl.) (Coccidae):					
<i>Cactus</i> (plant).....	Mexico.....			1	N.Y.
<i>Haplothrips aculeatus</i> (F.) (Phlaeothripidae):					
Flowers.....	Iceland.....		1		N.J.
Packing (with <i>Aphelandra</i> sp. cuttings).....	Denmark.....			1	N.Y.
Plant material (dried).....	Poland.....	1			Ill.
<i>Haplothrips clarisetis</i> Priesner (?) (Phlaeothrip- idae):					
<i>Portulaca oleracea</i> (purslane).....	Mexico.....	1			Tex.
<i>Haplothrips cottei</i> (Vuillet) (Phlaeothripidae):					
<i>Dianthus caryophyllus</i> (carnation).....	Portugal.....	2			N.Y.
<i>Haplothrips gowdeyi</i> (Frankl.) (Phlaeothripidae):					
<i>Aster</i> sp.....	Australia.....		1		Hawaii.
<i>Chrysanthemum</i> sp.....	Australia, Japan.....	1	1		Hawaii, Wash.
Flowers.....	Guadeloupe, Haiti, Japan.....	4			Fla., P.R., Wash.
<i>Helichrysum</i> sp. (everlasting flower).....	Formosa.....	1			Hawaii.
<i>Hibiscus</i> sp.....	Okinawa.....	1			Hawaii.
<i>Moluccella laevis</i> (bell of Ireland).....	Haiti.....	1			Fla.
<i>Nerine</i> sp. (cut flowers).....	Republic of South Africa.....	1			N.Y.
Orchid.....	Mexico.....			1	Hawaii.
<i>Ornithogalum</i> sp. (chinkerichee).....	Republic of South Africa.....		1		N.Y.
<i>Pollanthes tuberosa</i> (tuberosa).....	Tahiti.....	1			Hawaii.
<i>Harmolita ips</i> (Wlk.) (Eurytomidae):					
Straw (packing).....	France.....	1			Ga.
<i>Helicella candidula</i> (Studer) (Helicellidae):					
Soil.....	Italy.....	1			N.Y.
<i>Helicella caperata</i> (Montagu) (Helicellidae):					
Herbs (dry).....	Cuba.....	1			Fla.
<i>Impatiens balsamina</i> (garden balsam) seed.....	England.....			1	N.Y.
<i>Helicella cespitum</i> (Draparnaud) (Helicellidae):					
Military cargo.....	Spain.....	2			La., N.Y.
<i>Helicella conspurcata</i> (Draparnaud) (Helicellidae):					
<i>Laurus nobilis</i> (Grecian laurel).....	Italy.....			1	N.Y.
Military cargo.....	Italy, Spain.....	3			Del., La., Tex.
Soil with <i>Ailanthus</i> sp. and unidentified plant.....	Italy.....			2	N.Y.
<i>Helicella derbentina</i> Andr. (Helicellidae):					
Military cargo.....	Turkey.....	3			La., N.Y.
<i>Helicella itala</i> (L.) (Helicellidae):					
<i>Cichorium endivia</i> (endive).....	Italy.....		1		N.Y.
<i>C. intybus</i> (escarole).....	do.....		1		N.Y.
<i>Lactuca sativa</i> (lettuce).....	do.....		1		N.Y.
<i>Cotinus coggygria</i> (common smoketree) seed.....	do.....			1	N.J.
<i>Helicella maritima</i> (Draparnaud) (Helicellidae):					
Military cargo.....	Greece, Spain.....	6			Del., N.Y., S.C., Tex.
<i>Mirabilis jalapa</i> (common four-o'clock) seed.....	France.....			1	Pa.
<i>Rosa</i> hybrid.....	do.....	2			N.Y.
<i>Thymus</i> sp. (thyme) plant.....	Italy.....			1	N.Y.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Helicella neglecta</i> (Draparnaud) (Helicellidae):					
Military cargo.....	Spain, Turkey.....	4			La., N.Y.
<i>Helicella protea</i> Ziegler (Helicellidae):					
Military cargo.....	Turkey.....	1			N.Y.
<i>Helicella pyramidata</i> (Draparnaud) (Helicellidae):					
<i>Ficus carica</i> (fig).....	Italy.....	1			N.Y.
Military cargo.....	Greece.....	1			La.
<i>Stipa tenacissima</i> (esparto needlegrass).....	Italy.....	1			Mich.
<i>Vicia faba</i> (broadbean).....	do.....	1			N.Y.
<i>Helicella striata</i> (Müller) (Helicellidae):					
Military cargo.....	Azores, France, Greece, Italy, Spain, Turkey, unknown.	18			La., N.Y., S.C., Tex., Va.
<i>Onobrychis viciifolia</i> 'Montana' (seed).....	Spain.....		1		D.C.
<i>Opuntia humifusa</i> (pricklypear).....	Italy.....	1			N.Y.
<i>Rosa</i> hybrid.....	France.....	1			N.Y.
Soil with <i>Laurus nobilis</i> and unidentified plants.....	Italy.....		4		N.Y.
<i>Stipa tenacissima</i> (esparto needlegrass).....	do.....	1			Mich.
<i>Helicella trochoides</i> (Poiret) (Helicellidae):					
<i>Clematis</i> hybrid (seed).....	do.....		1		N.J.
<i>Helicella variabilis</i> (Draparnaud) (Helicellidae):					
Automobile.....	France.....	1			Md.
Baggage.....	Italy.....	1			N.Y.
Cargo (with iron pipes).....	Spain.....	1			La.
Military cargo.....	Spain, Turkey.....	5			N.Y.
<i>Mirabilis jalapa</i> (common four-o'clock) seed.....	France.....		1		Pa.
<i>Onobrychis viciifolia</i> (sainfoin) seed.....	Italy.....		1		N.Y.
<i>Helicella virgata</i> (DaCosta) (Helicellidae):					
Military cargo.....	Spain.....	1			N.Y.
<i>Helicina durangoana</i> Mousson(?) (Helicinidae):					
Orchid (plant).....	Mexico.....		1		Tex.
<i>Helicina neritella</i> Lamarck (Helicinidae):					
Orchid (plant).....	Jamaica.....		3		Fla.
<i>Helicina oweniana</i> Pfeiffer(?) (Helicinidae):					
Bromeliad (plant).....	Mexico.....		1		Tex.
<i>Helicina substriata</i> Gray (Helicinidae):					
Orchid (pseudobulb).....	Cayman Islands.....		1		Fla.
<i>Helicina zephyrina</i> Ductos (Helicinidae):					
Bromeliad (plant).....	Mexico.....		2		Tex.
<i>Chamaedorea elegans</i> (palm) seed.....	do.....		1		Tex.
<i>Heliothis armigera</i> (Hbn.) (Noctuidae):					
<i>Dianthus caryophyllus</i> (carnation).....	Unknown.....		1		N.Y.
<i>Helix aperta</i> Born (Helicidae):					
<i>Beta vulgaris</i> (beet).....	Italy.....		1		N.Y.
<i>Brassica oleracea</i> var. <i>botrytis</i> (cauliflower).....	Germany, Italy.....		2		N.Y., Tex.
<i>B. oleracea</i> var. <i>capitata</i> (cabbage).....	Italy.....		3		N.Y., S.C.
Military cargo.....	do.....	1			Va.
<i>Rosmarinus</i> sp. (rosemary).....	do.....		1		N.Y.
<i>Helix aspersa</i> Müller (Helicidae):					
Automobile.....	France.....	1			Tex.
Baggage (brought as food).....	Greece, Italy.....	3			Ill., Mass.
<i>Beta vulgaris</i> (beet).....	Italy.....		1		Pa.
<i>Brassica oleracea</i> var. <i>capitata</i> (cabbage).....	Azores, France, Peru.....		4		Ala., N.Y., P.R.
<i>Castanea</i> sp. (chestnut).....	Spain.....	1			Pa.
<i>Citrus reticulata</i> (Mandarin orange).....	Azores.....		2		Pa.
Flowers.....	Haiti.....	1			Fla.
<i>Lactuca sativa</i> (lettuce).....	Azores, France, Italy.....		6		N.Y.
Military cargo.....	Italy, Spain.....	2			La., Va.
Orchid (plant).....	Mexico.....			1	Tex.
Palm.....	do.....			1	Ariz.
<i>Pelargonium</i> sp. (geranium) plant.....	do.....			1	Calif.
Stores.....	Algeria, Portugal, unknown.		5		Am. V.I., Fla., Mich.
<i>Helix cincta</i> Muller (Helicidae):					
Baggage (brought as food).....	Greece.....	1			Mich.
<i>Helix leucorum</i> L. (Helicidae):					
Mail (as food).....	Italy.....	1			N.Y.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Helix pomatia</i> L. (Helicidae):					
Mail (as food).....	Austria.....	1			N.Y.
Stores.....	Algeria.....		1		Am. V.I
<i>Hemiteochus androsi</i> (Dall) (Helminthoglyptidae):					
<i>Lycopersicon esculentum</i> (tomato) plant.....	Bahamas.....			1	Fla.
Orchid (plant).....	do.....			2	Fla.
<i>Hemiteochus streatori</i> Pilsbry (Helminthoglyptidae):					
Orchid (plant).....	Cayman Islands.....			1	Fla.
<i>Heterobostrychus aequalis</i> (Waterh.) (Bostrichidae):					
Wood (crate).....	Ceylon, Indonesia.....	3	1		Calif.,* Md. N.Y.
<i>Heterogenea asella</i> (Schiff.) (Limaecodidae):					
<i>Castanea</i> sp. (chestnut) leaf.....	Italy.....		1		N.Y.
<i>Heterotermes convexinotatus</i> (Snyder) (Rhino-termitidae):					
<i>Manihot esculenta</i> (cassava).....	Guatemala.....			1	Fla.
<i>Orbignya cohune</i> (cohune palm) nut.....	Mexico.....	1			Ariz.
Orchid (plant).....	Brazil.....			1	N.Y.
<i>Pinus</i> sp. (pine) stump.....	British Honduras.....	1			La.
<i>Heterotermes maculatus</i> Light (Rhino-termitidae):					
<i>Citrullus vulgaris</i> (watermelon).....	Mexico.....	1			Tex.
<i>Hippotion echeclus</i> (Bdv.) (Sphingidae):					
Airplane.....	Southwest Pacific.....		1		Hawaii.
<i>Hispa atra</i> L. (Chrysomelidae):					
<i>Allium porrum</i> (leek).....	Spain.....		1		N.Y.
<i>Homothrips distinctus</i> Bagn. (Thripidae):					
<i>Protea</i> sp. (cut flowers).....	Republic of South Africa.....	1			N.Y.
<i>Hoterodes ausonia</i> (Cram.) (Pyraustidae):					
Cargo.....	Ecuador.....	1			Fla.
<i>Hygromia cinctella</i> (Draparnaud) (Helicellidae):					
Military cargo.....	Italy.....	1			La.
<i>Mirabilis jalapa</i> (common four-o'clock) seed.....	France.....			1	Pa.
<i>Iridomyrmex iniquus</i> Mayr (Formicidae):					
Bromeliad (plant).....	Guatemala.....			1	Tex.
<i>Cynoches</i> sp. (swanorchid).....	do.....			1	Fla.
Orchid (plant).....	do.....			4	Fla., Tex.
<i>Iridomyrmex pilifer</i> Mayr (Formicidae):					
Orchid (plant).....	Colombia.....			1	N.Y.
<i>Iridothrips iridis</i> (Wats.) (Thripidae):					
<i>Iris</i> hybrid (leaf).....	England.....			1	N.J.
<i>Jadera rufosusca</i> Barber (Coreidae):					
<i>Citrullus vulgaris</i> (watermelon).....	Puerto Rico.....	1			P.R.
<i>Jadera sanguinolenta</i> (F.) (Coreidae):					
Orchid (plant).....	Mexico.....			1	Fla.
<i>Jenneretia multistriata</i> (Deshayes) (Helminthoglyptidae):					
Orchid (plant).....	Cuba.....			1	Fla.
<i>Kaloterms synderi</i> Light (Kalotermitidae):					
Military cargo.....	do.....	1			S.C.
<i>Kuwania parva</i> (Mask.) (Coccidae):					
<i>Prunus</i> sp. (bark).....	Japan.....	1			Wash.
<i>Lamellaris gracilis</i> (Hutton) (Achatinidae):					
Bromeliad (plant).....	Peru.....			1	Fla.
Herbs (dried).....	Cuba.....	1			Fla.
Orchid (plant).....	Aruba, Venezuela.....			2	Fla., La.
Soil with <i>Diefenbachia</i> sp. (plant).....	Puerto Rico.....			1	Pa.
<i>Lamellaris micra</i> (Orbigny) (Achatinidae):					
Orchid (plant).....	Mexico.....			1	Tex.
<i>Lampides boeticus</i> (L.) (Lycaenidae):					
<i>Canavalia microcarpa</i> (mauna loa) lei.....	Hawaii.....	5	1		Calif.,* Hawaii.
<i>Pisum sativum</i> (pea).....	Japan.....		3		Md., Wash.
<i>Sesbania grandiflora</i> (agati sesbania).....	Hawaii.....	1			Hawaii.
<i>Largus affinis</i> Dist. (?) (Pyrrhocoridae):					
Orchid (plant).....	British Honduras.....				Fla.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of in- terceptions in—			Collected in—
		Consump- tion	Nonentry	Propaga- tion	
<i>Laspeyresia araucaria</i> Pastrana (Olethreutidae):					
<i>Araucaria angustifolia</i> (Parana araucaria).....	Argentina.....			1	D.C.
<i>A. excelsa</i> (Norfolk-Island-pine).....	Brazil.....	1		1	N.Y.
<i>Araucaria</i> sp. (seed).....	do.....			1	Fla.
<i>Laspeyresia nigricana</i> (Steph.) Olethreutidae:					
<i>Pisum sativum</i> (pea).....	England, Italy.....	1	1		N.Y.
<i>Laspeyresia splendana</i> (Hbn.) (Olethreutidae):					
<i>Castanea sativa</i> (European chestnut).....	Czechoslovakia, France, Greece, Italy, Portugal, Spain, unknown.	54	2	1	Md., Mass., N.J., N.Y.
" <i>Lecanium</i> " <i>catori</i> Green (Coccidae) (tentative):					
<i>Cola acuminata</i> (colanut).....	Nigeria.....	1			N.Y.
<i>Lecanium corni</i> Bouche (Coccidae):					
<i>Philadelphus coronarius</i> (sweet mockorange).....	Canada.....			1	N.J.
<i>Ribes</i> sp.....	Germany.....			1	N.J.
<i>Lecanium persicae</i> (F.) (Coccidae) (tentative):					
<i>Daphne</i> sp. (leaf).....	Australia.....	1			Hawaii.
<i>Lecanium rufulum</i> (Ckll.) (Coccidae):					
Twig—unidentified.....	Spain.....	1			Mass.
<i>Lepidosaphes carinata</i> (Ckll.) (Coccidae):					
<i>Beaucarnea</i> sp.....	Mexico.....			1	Tex.
<i>Lepidosaphes celtis</i> Kuw. (Coccidae):					
<i>Dracaena</i> sp.....	Japan.....			1	Wash.
<i>Lepidosaphes conchiformoides</i> Borchs. (Coccidae):					
<i>Diospyros kaki</i> (kaki persimmon).....	do.....	1			Hawaii.
<i>Lepidosaphes crotonis</i> (Ckll.) (Coccidae):					
<i>Malvaviscus arboreus</i> (South American wax- mallow).....	Cuba.....			1	D.C.
<i>Lepidosaphes esakii</i> Tak. (Coccidae):					
<i>Cocos nucifera</i> (coconut).....	Kwajalein.....	1			Hawaii.
<i>Lepidosaphes ficus</i> (Sign.) (Coccidae):					
<i>Ficus carica</i> (fig).....	Italy.....			1	N.J.
<i>Lepidosaphes philococcus</i> (Ckll.) (Coccidae):					
Cactus (plant).....	Mexico.....			3	Tex.
<i>Cephalocereus</i> sp. (cactus) plant.....	do.....			1	Tex.
<i>Pachycereus</i> sp. (cactus) plant.....	do.....			1	Tex.
<i>Lepidosaphes tokionis</i> (Kuw.) (Coccidae):					
<i>Codiaeum variegatum</i> (croton).....	Hawaii, Panama.....	10		4	Calif.,* Fla., Hawaii.
<i>Codiaeum</i> sp.....	American Virgin Is- lands, Canal Zone, Hawaii, Panama.	15		6	Fla., Hawaii, N.Y.
<i>Lepidosaphes tuberculata</i> Mal. (Coccidae):					
<i>Cymbidium</i> sp. (orchid).....	Hong Kong.....			1	Hawaii.
<i>Lepidosaphes tubulorum</i> Ferris (Coccidae):					
<i>Mangifera indica</i> (mango).....	Philippines.....	1			Hawaii.
<i>Leucania irregularis</i> (Wlk.) (Noctuidae):					
Airplane.....	Johnston Island.....		1		Hawaii.
<i>Leucaspis pusilla</i> Loew (Coccidae):					
<i>Pinus</i> sp. (pine) twig.....	Jordan.....	1			Mass.
Soil.....	do.....	1			Mass.
<i>Leucinodes orbonalis</i> Guen. (Pyraustidae):					
<i>Solanum melongena</i> (eggplant).....	West Africa.....		2		Mass.
<i>Leucoptera coffeella</i> G.-M. (Lyonetiidae):					
<i>Coffea arabica</i> (Arabian coffee) leaf.....	Brazil, Mexico.....	3	1		Fla., Tex.
<i>Leucoptera scitella</i> (Zell.) (Lyonetiidae):					
<i>Malus sylvestris</i> (apple).....	England, Italy.....		3		Fla., Md., N.C.
<i>Ligyrocoris aurivilliana</i> (Dist.) (Lygaeidae):					
<i>Agave</i> sp. (plant).....	Mexico.....			1	Tex.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	1			Calif.
<i>Ligyrocoris nitidicollis</i> (Stal) (Lygaeidae):					
Automobile.....	Mexico.....		1		Tex.
<i>Limax flavus</i> L. (Limacidae):					
<i>Rosa</i> hybrid.....	Greece.....			1	N.Y.
<i>Limax marginatus</i> Müller (Limacidae):					
<i>Allium porrum</i> (leek).....	Italy.....		1		N.Y.
<i>Brassica oleracea</i> var. <i>capitata</i> (cabbage).....	Azores.....		1		N.Y.
Bromeliad (plant).....	Costa Rica.....			1	Fla.
<i>Colocasia esculenta</i> (dasheen).....	Azores.....	1			N.Y.
<i>Echinodorus</i> sp. (burhead).....	Peru.....			1	Fla.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of inter-ceptions in—			Collected in—
		Consump- tion	Nonentry	Propaga- tion	
<i>Lima marginatus</i> —Continued					
<i>Juniperus</i> sp. (juniper) dwarf tree	Japan			1	Hawaii.
<i>Lactuca sativa</i> (lettuce)	Azores		2		N.Y.
Orchid (plant)	Colombia, Costa Rica, Mexico.			6	Fla., Tex.
<i>Peperomia</i> sp.	Mexico			1	Tex.
<i>Limothrips consimilis</i> Priesner (Thripidae):					
<i>Stipa tenacissima</i> (esparto needlegrass)	Italy	1			Md.
<i>Limothrips denticornis</i> (Hal.) (Thripidae):					
<i>Iris variegata</i> (Hungarian iris)	Czechoslovakia			1	N.J.
Nursery stock	Netherlands			1	N.J.
Plant material (dry)	Poland	1			Ill.
<i>Liogenys macropelma</i> Bates (Scarabaeidae):					
Airplane	Panama, South Amer- ica (country(?)).		3		Fla., P.R.
<i>Lirus junci</i> Boh. (Curculionidae):					
<i>Beta vulgaris</i> (beet)	United Arab Republic		1		Pa.
<i>Lobesia botrana</i> (Schiff.) (Olethreutidae):					
<i>Vitis</i> sp. (grape)	England, Italy, Lebanon.	6			N.Y.
<i>Loxostege amitina</i> (Btlr.) (Pyraustidae):					
<i>Prunus persica</i> var. <i>nectarina</i> (nectarine)	Chile	1			N.Y.
<i>Loxostege bifidalis</i> (F.) (Pyraustidae):					
<i>Brassica</i> sp. (mustard)	Mexico	1			Tex.
<i>Loxostege similalis</i> (Guen.) (Pyraustidae):					
<i>Chamaedorea elegans</i> (palm)	do	1			Tex.
<i>Lycetus africanus</i> Lesne (Lyctidae):					
Bamboo (stakes for flowers)	Japan	1			D.C.
<i>Glycyrrhiza glabra</i> (licorice) stem and root	Pakistan, Sudan	2			Calif.,* Md.
Wood (processed lumber)	India	1			N.Y.
<i>Lycetus brunneus</i> (Steph.) (Lyctidae):					
Cargo (boxes of live animals)	Colombia	1			Fla.
<i>Lygaeus cruentatus</i> Dist. (Lygaeidae):					
Cargo	Ecuador	2			Fla.
<i>Lygaeus modestus</i> Stal (Lygaeidae):					
Cargo	do	1			Fla.
<i>Lygaeus superbus</i> (Pollich) (Lygaeidae):					
Military cargo (crate)	Spain	1			Tex.
<i>Lygaeus teapensis</i> Dist. (Lygaeidae):					
Automobile	Mexico		1		Tex.
<i>Lygus lineolaris</i> (Palis.) (Miridae):					
<i>Chrysanthemum</i> sp. (cut flowers)	do	2			Ariz.
<i>Lygus rugulipennis</i> Poppius (Miridae):					
<i>Calluna vulgaris</i> (heather)	Germany			1	N.Y.
<i>Rhododendron</i> sp. (azalea)	England			1	N.J.
<i>Macrodema microptenum</i> Curtis (Lygaeidae):					
Soil with <i>Calluna vulgaris</i> (heather)	do			1	Ill.
<i>Macroscytus brunneus</i> (F.) (Pentatomidae):					
<i>Gladiolus</i> hybrid (cut flowers)	Israel	1			N.Y.
<i>Malacorhinus foveipennis</i> (Jac.) (Chrysomelidae):					
Orchid (plant)	Honduras			1	Fla.
<i>Mamestra brassicae</i> (L.) (Noctuidae):					
<i>Beta vulgaris</i> var. <i>ciela</i> (Swiss chard)	Italy		1		N.Y.
<i>Brassica chinensis</i> (Chinese cabbage)	Japan		2		N.Y.
<i>B. oleracea</i> var. <i>botrytis</i> (cauliflower)	France, Italy		2		N.Y., Tex.
<i>B. oleracea</i> var. <i>capitata</i> (cabbage)	France, Italy, Nether- lands.		9		N.Y.
<i>Lactuca sativa</i> (lettuce)	Germany		1		N.Y.
<i>L. sativa</i> var. <i>longifolia</i> (romaine lettuce)	France		1		N.Y.
<i>Maruca testulalis</i> (Geyer) (Pyraustidae):					
<i>Cajanus cajan</i> (pigeonpea)	Dominican Republic, Grenada, Puerto Rico.	8			Ill., N.Y., P.R.
<i>Canavalia microcarpa</i> (mauna loa)	Hawaii	12		1	Calif.,* Hawaii.
<i>Dolichos lablab</i> (hyacinth bean)	Trinidad	2			N.Y.
<i>Phaseolus vulgaris</i> cv. (string bean)	Brazil, Japan, Puerto Rico, Surinam.	14	4		Fla., N.Y., P.R., Wash.
<i>Phaseolus</i> sp.	Angola		1		N.Y.
<i>Sesbania grandiflora</i> (agati sesbania)	Hawaii	4			Hawaii.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Maruca testualis</i> —Continued					
<i>Sesbania</i> sp. (leil).....	Hawaii.....	1			Hawaii.
<i>Strongyloctonus macrobotrys</i>	Philippines.....	1			Hawaii.
<i>Matsumuraesia phaseoli</i> (Mats.) (Olethreutidae):					
<i>Phaseolus vulgaris</i> cv. (string bean).....	Japan.....		3		Calif., * Wash.
<i>Mecolaemus carvalhoi</i> (Costa Lima) (Miridae):					
Bromeliad (leaf).....	Peru.....			1	Fla.
<i>Megacerus alternatus</i> Bridw. (Bruchidae):					
<i>Ipomoea</i> sp. (?) (morningglory) seed.....	Hawaii.....			1	Calif.*
<i>Megachile concinna</i> Sm. (Megachilidae):					
Airplane.....	Dominican Republic.....		4		Fla., P.R.
<i>Megacyllene spinifera</i> (Newm.) (Cerambycidae):					
Logs—unidentified.....	Argentina.....	1			N.Y.
<i>Megalotomus rufipes</i> (Westw.) (Coreidae):					
Quarters (ship).....	Puerto Rico(?).....		1		Ala.
<i>Megasoma elephas</i> (F.) (Scarabaeidae):					
Cargo.....	Peru(?).....	1			Fla.
<i>Megastigmus pistaciae</i> Wlk. (Torymidae):					
<i>Pistacia</i> sp. (pistache) nut.....	Afghanistan.....	1			N.Y.
<i>Megastigmus strobilobius</i> Ratz. (Torymidae):					
<i>Picea glauca</i> (white spruce) seed.....	Denmark.....			1	N.J.
<i>Megastigmus suspectus</i> Borries (Torymidae):					
<i>Abies</i> sp. (fir).....	Turkey.....			1	D.C.
<i>Melanathus planifrons</i> Froeschner (Pentatomidae):					
<i>Cucumis melo</i> (muskmelon).....	Mexico.....	1			Ariz.
<i>Steliontha melolontha</i> (L.) (Scarabaeidae):					
Airplane.....	France, Switzerland.....		5		Alaska, N.Y.
<i>Membracis mexicana</i> Guerin (Membracidae):					
Cargo.....	Costa Rica.....	1			Fla.
<i>Fragaria</i> sp. (strawberry).....	Mexico.....	1			N.Y.
<i>Mesapamea secalis</i> (L.) (?) (Noctuidae):					
Airplane.....	Ireland.....		1		Mass.
<i>Mesovelia orientalis</i> Kirkaldy (Mesoveliidae):					
Airplane.....	Philippines(?).....		1		Hawaii.
<i>Metamasius hemipterus sericeus</i> (Oll.) (Curculionidae):					
<i>Musa paradisiaca</i> var. <i>sapientum</i> (banana).....	Ecuador.....	27			Ala., Fla., La., N.Y., Tex.
<i>Metopoplax ditomoides</i> (Costa) (Lygaeidae):					
Gramineae (stem).....	Morocco.....	1			N.J.
<i>Micrarionta stearnsiana</i> (Gabb) (Helminthoglyptidae):					
<i>Dudleya</i> sp.	Mexico.....			1	Calif.
" <i>Microporus</i> " <i>nigratus</i> (F.) (Pentatomidae):					
<i>Fragaria</i> sp. (strawberry) plant.....	France.....			1	N.Y.
<i>Milax gagates</i> (Draparnaud) (Limacidae):					
<i>Brassica oleracea</i> var. <i>botrytis</i> (cauliflower).....	Netherlands.....		1		Pa.
<i>B. oleracea</i> var. <i>capitata</i> (cabbage).....	Azores, England.....		2		N.Y.
<i>Mimosestes saltai</i> (Sharp) (Bruchidae):					
<i>Caesalpinia coriaria</i> (divi-divi) pod.....	Dominican Republic, Haiti.....	2			Md.
<i>Minthea rugicollis</i> (Wlk.) (Lyctidae):					
Bamboo (slat).....	India.....	1			Md.
Wood—unidentified (cage and crates).....	Ceylon, Colombia, India.....	4			Calif., * Fla., Md., Mass.
<i>Monacha cantiana</i> (Montagu) (Helicellidae):					
Plants—unidentified.....	Germany.....			1	N.J.
<i>Monacha carthusiana</i> (Müller) (Helicellidae):					
<i>Onobrychis viciaefolia</i> (sainfoin) seed.....	Italy.....			1	N.Y.
<i>Monacha olivieri</i> (Fer.) (Helicellidae):					
Military cargo (conex box).....	Turkey.....	2			N.Y.
<i>Monanthia monotropidia</i> Stal (Tingidae):					
Bromeliad.....	Mexico.....			1	Tex.
<i>Monomorium destructor</i> (Jerd.) (Formicidae):					
<i>Alpinia purpurata</i>	American Samoa.....	1			Hawaii.
Food.....	Bahamas, Hong Kong, Philippines.....	3			Fla., Ga.
Mail package (woven basket).....	Hawaii.....	1			Hawaii.
Orchid (flower and plants).....	Ecuador, Federation of Malaya, India.....	1		2	Fla., Mich., N.Y.
<i>Tulipa</i> hybrid (bulb).....	Japan.....			1	N.Y.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of in- terceptions in—			Collected in—
		Consump- tion	Nonentry	Propaga- tion	
<i>Monophadnoides alternipes</i> (Klug) (Tenthredinidae):					
Plant—unidentified	Netherlands			1	N.Y.
<i>Moodna bisinuella</i> Hamp. (Phycitidae):					
<i>Zea mays</i> (corn)	Mexico	1			Tex.
<i>Morganella longispina</i> (Morg.) (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime)	Tahiti		3		Calif.*
<i>C. grandis</i> (pummelo)	do		1		Calif.*
<i>C. paradisi</i> (grapefruit)	do	3	1		Calif.*
<i>C. sinensis</i> (sweet orange)	Fiji, Japan, Tahiti		4		Calif.*
<i>Orania aruensis</i> (palm)	Indonesia			1	D.C.
<i>Mormidea pictiventris</i> Stal (Pentatomidae):					
Orchid (plant)	British Honduras, Mexico			5	Fla., Tex.
<i>Mumetopia nigrimana</i> Coq. (Anthomyzidae):					
Airplane	Nicaragua		1		P.R.
<i>Myodocha longicollis</i> Stal (Lygaeidae):					
Orchid (plant)	Mexico			1	Tex.
<i>Myzaphis turanica</i> Nevsky (Aphidae):					
<i>Rosa</i> hybrid (cut flowers)	Israel	1			N.Y.
<i>Myzus ascalonicus</i> Donc. (Aphidae):					
<i>Allium cepa</i> (onion)	England			1	N.Y.
<i>Allium</i> sp.	Netherlands			1	N.J.
<i>Anemone</i> sp. (cut flowers)	France, Germany	2			N.Y.
<i>Rosa</i> hybrid (cut flowers)	Netherlands	1			N.Y.
<i>Viola</i> sp. (violet) cut flowers	Germany	1			Calif.*
<i>Nanagana breviuscula</i> Wlk. (Noctuidae):					
Airplane	Philippines(?)		1		Hawaii.
<i>Nasutitermes corniger</i> (Motsch.) (Termitidae):					
<i>Dalbergia</i> sp. (rosewood) log	Brazil	1			La.
Orchid (plant)	Canal Zone, Honduras			2	Fla.
<i>Nasutitermes dendrophilus</i> (Desn.) (Termitidae):					
<i>Musa paradisica</i> var. <i>sapientum</i> (banana)	Ecuador	1			Fla.
<i>Nasutitermes ephratae</i> (Holmgr.) (Termitidae):					
Bromeliad	Canal Zone			1	Fla.
Debris	Panama	1			Md.
Orchid (plant)	Honduras			1	Fla.
<i>Yucca</i> sp.	Dominican Republic	1			N.Y.
<i>Nasutitermes exitiosus</i> (Hill) (Termitidae):					
Food (for bird)	Australia	1			Hawaii.
<i>Nasutitermes mexicanus</i> Light (Termitidae):					
Cargo (with cactus plant)	Mexico			1	Ariz.
<i>Nasutitermes nigriceps</i> (Hald.) (Termitidae):					
Bromeliad (plant)	Jamaica			1	Fla.
Orchid (plant)	British Honduras			3	Fla.
<i>Nasutitermes rippertii</i> (Rambur) (Termitidae):					
Baggage	Bahamas	1			Bahamas.
Orchid (plant)	do			1	Fla.
<i>Neoadoroplatys saileri</i> Kormilev (Pentatomidae):					
Bamboo (log)	Mexico	1			Tex.
<i>Neoclytus acuminatus</i> (F.) (Cerambycidae):					
<i>Ananas comosus</i> (pineapple)	do	1			Tex.
Cargo (with pottery)	do	1			Tex.
<i>Neoclytus dysoni cooki</i> (Bartsch & Morrison) (Cyclophoridae):					
Palm	Guatemala			1	Tex.
<i>Neoleucinodes elegantalis</i> (Guen.) (Pyraustidae):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	24			Tex.
<i>Solanum melongena</i> (eggplant)	Brazil	1			Fla.
<i>S. quitoense</i> (naranjilla)	Colombia	1			Fla.
<i>Neolobophora inopinala</i> (Burr) (Forficulidae):					
Orchid (plant)	Guatemala			1	Fla.
<i>Nephotettix apicalis</i> (Motsch.) (Cicadellidae):					
Airplane	Philippines(?), unknown		3		Hawaii.
<i>Nesoecia nigrispina</i> (Stal) (Tettigoniidae):					
Orchid (plant)	British Honduras			1	Fla.
<i>Nipponaclerda biwakoensis</i> (Kuw.) (Coccidae):					
<i>Phragmites communis</i> (common reed) stem	Japan	2			Calif.,* Hawaii.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Nomophila noctuella</i> (D. & S.) (Pyraustidae): Airplane	Unknown, Venezuela		2		Hawaii, P.R.
<i>Nothorhina muricata</i> (Dalm.) (Cerambycidae): Wood (crate of marble)	Portugal	1			Calif.*
<i>Nysius coenosulus</i> Stal (Lygaeidae): Airplane	Hawaii		1		Hawaii.
<i>Gardenia jasminoides</i> (ell)	do	1			Hawaii.
<i>Nysius kingbergi</i> Usinger (Lygaeidae): Vanda 'Miss Joachim' (orchid) flower	do	1			Hawaii.
<i>Nysius tenellus</i> Barber (Lygaeidae): Chrysanthemum sp. (cut flowers)	Mexico	2			Ariz., Tex.
<i>Ochterus marginatus</i> (Latr.) (Ochteridae): Fish meal (residue)	Republic of South Africa		1		Fla.
<i>Odonaspis saccharicaulis</i> (Zehnt.) (Coccidae): Bulb—unidentified	Cuba			1	Fla.
<i>Oechalia schellenbergi</i> (Guerin) (Pentatomidae): Airplane	Japan(?)		1		Hawaii.
<i>Ofatulena duodecimstriata</i> (Wlsm.) (Olethreutidae): Prosopis glandulosa (honey mesquite) pod	Mexico	1			Tex.
<i>Ogdoecosta guttifera</i> Boh. (Chrysomelidae): Orchid (plant)	Bahamas			1	Fla.
<i>Oligonychus perditus</i> P. & B. (Tetranychidae): Juniperus sp. (juniper) dwarf tree	Japan			2	Wash.
<i>Onthophagus taurus</i> (Schr.) (Scarabaeidae): Automobile	Azores	1			S.C.
<i>Opeas pyrgula</i> Schmacker & Boettger (Achatinidae): Orchid (plant)	British Honduras			1	Tex.
<i>Opisthograptis luteolata</i> (L.) (Geometridae): Sorbus sp. (mountainash) berry	Scotland	1			N.Y.
<i>Opilomus nigripennis</i> pulcher Dallas (Pentatomidae): Bromeliad (plant)	Mexico			1	Fla.
<i>Opogona sacchari</i> (Bojer) (Tineidae): Musa paradisiaca (plantain banana)	Unknown	1			N.Y.
M. paradisiaca var. sapientum (banana)	Azores, unknown	1	1		Calif.,* Mass.
Orchid (leaf of plant)	East Africa			1	N.Y.
Saccharum officinarum (sugarcane)	Cape Verde Islands	1			N.Y.
<i>Opuntiaspis philococcus</i> (Ckll.) (Coccidae): Myrtillocactus geometrizans (cactus)	Mexico			1	Tex.
<i>Orthalicus boucardi</i> (Pfeiffer) (Bulimulidae): Bromeliad (plant)	do			1	Tex.
<i>Orthalicus decolor</i> (Strebel) (Bulimulidae): Orchid (pseudobulb)	Guatemala			1	Fla.
<i>Orthalicus obductus</i> (Shuttleworth) (Bulimulidae): Musa paradisiaca var. sapientum (banana)	Honduras	2			Md., S.C.
<i>Orthalicus pulchellus</i> protoglyptus (Pilsbry) (Bulimulidae): Orchid (plant)	Venezuela			1	Fla.
<i>Orthalicus undatus</i> (Bruguiere) (Bulimulidae): Brassavola sp. (orchid) plant	Jamaica			1	Fla.
Epidendrum sp. (orchid) plant	Canal Zone			1	Fla.
Orchid (plant)	Jamaica			1	Fla.
<i>Orthalicus undatus jamaicensis</i> (Pilsbry) (Bulimulidae): Baggage (specimen for science class)	do	1			Fla.
<i>Orthezia pseudosignis</i> Morr. (Coccidae): Gardenia sp. (cut flowers)	Mexico	1			Fl.
<i>Ortholomus jamaicensis</i> (Dallas) (Lygaeidae): Airplane	Antigua		1		P.R.
<i>Orthops katni</i> (L.) (Miridae): Nursery stock	Netherlands			1	N.J.
<i>Orthotylus ericetorum</i> (Fall.) (Miridae): Calluna vulgaris (heather)	England	1			N.Y.
<i>Ostrinia nubilalis</i> (Hbn.) (Pyraustidae): Airplane	Unknown		1		Hawaii.
Capsicum annuum (pepper)	Italy	1			N.Y.
Chrysanthemum morifolium (cut flowers)	Japan	1			Hawaii.
Malus sylvestris (apple)	Japan, Yugoslavia	1	1		Mich., N.Y.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Ostrinia nubilalis</i> —Continued					
<i>Phaseolus vulgaris</i> cv. (string bean)	Japan		2		Wash.
<i>Sorghum vulgare</i> var. <i>technicum</i> (broomcorn)	Italy	2	1		Md., Wis.
<i>Zea mays</i> (corn)	Italy, Japan	1	2	1	Calif.,* Md., N.Y., Wash.
<i>Otala lactea</i> (Müller) (Helicidae):					
<i>Brassica oleracea</i> var. <i>capitata</i> (cabbage)	Italy		1		N.Y.
Cargo (for food)	Morocco	1			N.Y.
Military cargo	France, Morocco	2			N.Y., Va.
Quarters (ship)	Morocco		1		Pa.
<i>Otala vermiculata</i> (Müller) (Helicidae):					
Baggage (brought as food)	Greece, Italy	4			Calif.,* Mass., Mich.
<i>Lilium longiflorum</i> (Easter lily)	Bermuda	1			N.Y.
Military cargo	Italy, Libya, Spain, Turkey	6			La., N.Y.
<i>Otosema odorata</i> (L.) (Noctuidae):					
Quarters	Unknown		1		Fla.
<i>Oulema gallaeciana</i> (Heyd.) (Chrysomelidae):					
Flowers	Poland	1			N.Y.
<i>Oulema melanopa</i> (L.) (Chrysomelidae):					
<i>Brassica oleracea</i> var. <i>capitata</i> (cabbage)	Italy		1		N.Y.
<i>Ooatus crataegarius</i> (Wlk.) (Aphidae):					
Soil with various plants	France		1		Mass.
<i>Ozycarenus hyalinipennis</i> (Costa) (Lygaeidae):					
<i>Gossypium barbadense</i> (Sea Island cotton)	Bolivia			1	D.C.
<i>Ornithogalum thyrsoides</i> (Cape chinkerichee)	Republic of South Africa	1			N.Y.
<i>Punica granatum</i> (pomegranate)	Israel	1			N.Y.
<i>Orychilus alliarius</i> (Müller) (Zonitidae):					
<i>Colocasia esculenta</i> (dasheen)	Azores	1			N.Y.
<i>Ozophora consanguineus</i> (Dist.) (Lygaeidae):					
<i>Agave</i> sp. (plant)	Mexico			1	Tex.
Automobile	do		1		Tex.
<i>Tillandsia</i> sp.	do			1	Tex.
<i>Ozophora quinque maculata</i> Barber (Lygaeidae):					
<i>Colocasia antiquorum</i>	Dominican Republic		1		Am. V.I.
<i>Pachybrachius albocinctus</i> Barber (Lygaeidae):					
<i>Benincasa hispida</i> (Chinese waxgourd)	Mexico	1			Ariz.
Bromeliad (plant)	Peru			1	Fla.
Cargo	Costa Rica	1			Ala.
<i>Pachybrachius intermedius</i> Barber (Lygaeidae):					
Orchid (plant)	Cayman Islands			1	Fla.
<i>Pachybrachius nietneri</i> (Dohrn) (Lygaeidae):					
Airplane	Thailand		1		Hawaii.
<i>Pagiocerus florii</i> (Eggers) (Scolytidae):					
<i>Zea mays</i> (corn)	Ecuador			1	Ill.
<i>Pagydus salicis</i> (Wlk.) (Pyraustidae):					
Airplane	Unknown		1		Hawaii.
<i>Patpita unionalis</i> (Hbn.) (Pyraustidae):					
<i>Jasminum</i> sp. (cut flowers)	France	1			N.Y.
<i>Papillifera cinera</i> (Philippi) (Clausiliidae):					
<i>Rosa</i> hybrid	Italy			1	N.Y.
<i>Papillifera papillaris</i> (Draparnaud) (Clausiliidae):					
Soil	do	1			N.Y.
<i>Paragonatus divergens</i> (Dist.) (Lygaeidae):					
Airplane	Panama		1		Fla.
<i>Citrus aurantifolia</i> (lime)	Mexico	1			Tex.
<i>Paraponys fluctuosalis</i> (Zell.) (Pyraustidae):					
Airplane	Japan(?), Philippines(?)		3		Hawaii.
<i>Parisoschoenus flavolimbatus</i> Champ. (Curculionidae):					
<i>Chamaedorea oblongata</i> (palm) stem	Mexico	1			Tex.
<i>Parlatoria cinerea</i> Hadden (Coccidae):					
<i>Citrus aurantifolia</i> (lime)	Brazil, Mexico		3		Calif.*
<i>C. grandis</i> (pummelo)	Japan		1		Calif.*
<i>C. limon</i> (lemon)	Brazil, Trinidad		3		Calif.*
<i>C. paradisi</i> (grapefruit)	Argentina, Brazil		3		Calif.*

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Parlatoria cinerea</i> Hadden—Continued					
<i>C. reticulata</i> (Mandarin orange).....	Brazil.....		1		Calif.*
<i>C. sinensis</i> (sweet orange).....	Argentina, Brazil, Mexico, unknown. Philippines.....	4	28		Calif.,* Mich.
<i>Jasminum</i> sp. (leaf of plant).....				1	Calif.*
<i>Parlatoria citri</i> McKenzie (Coccidae):					
<i>Citrus limon</i> (lemon).....	Japan.....		1		Pa.
<i>C. reticulata</i> (Mandarin orange).....	Philippines, Vietnam.....	2			Hawaii.
<i>C. sinensis</i> (sweet orange).....	Philippines, Thailand.....	1	1		Hawaii.
<i>Parlatoria crotonis</i> Dougl. (Coccidae):					
<i>Codiaeum variegatum</i> (croton).....	American Virgin Islands, French Polynesia, Hawaii, Panama.....	2		3	Fla., Hawaii, N.Y.
<i>Parlatoria zizyphus</i> (Lucas) (Coccidae):					
<i>Citrus aurantifolia</i> (lime).....	Hawaii, Philippines, Thailand.....	2	1		Calif.,* Hawaii.
<i>C. grandis</i> (pummelo).....	Hong Kong.....	1			Hawaii.
<i>C. limon</i> (lemon).....	Hong Kong, Italy, Japan, Philippines, Republic of the Congo, unknown.....	3	5		Calif.,* Hawaii, N.C., Pa.
<i>C. paradisi</i> (grapefruit).....	Algeria, China, Formosa, Japan, Philippines.....	1	4		Calif.,* Hawaii, P.R.
<i>C. reticulata</i> (Mandarin orange).....	Formosa, Japan, Philippines, Thailand.....	5	3		Hawaii, Wash.
<i>C. sinensis</i> (sweet orange).....	Algeria, British Guiana, Formosa, France, Guam, Hong Kong, Iran, Japan, Okinawa, Philippines, Thai- land, Tunisia, unknown.....	9	19		Calif.,* Fla., Hawaii, N.J., N.Y.
<i>Citrus</i> sp. (leaf).....	Philippines, Thailand.....	2			Hawaii.
<i>Paroecanthus annulatus</i> (Seudd.) (Gryllidae):					
Orchid (plant).....	Honduras.....			1	Fla.
<i>Paulinia acuminata</i> (DeG.) (Acrididae):					
Aquatic plant.....	Peru.....			1	Fla.
<i>Pealius hibisci</i> (Kot.) (Aleyrodidae):					
<i>Gardenia jasminoides</i> (leaf).....	Hawaii.....	1			Calif.*
<i>Pectinophora gossypiella</i> (Saund.) (Gelechiidae):					
<i>Gossypium barbadense</i> (Sea Island cotton; boll).....	.....do.....	1			Hawaii.
<i>G. hirsutum</i> (Upland cotton; seed).....	Mexico.....		1		Tex.
<i>Gossypium</i> sp. (cotton; bale).....	Puerto Rico.....	1			Fla.
<i>Gossypium</i> sp. (cotton; boll).....	Antigua, Bermuda, Cayman Islands, Cuba, Hawaii, Mexico, Turkey.....	13	1	1	Del, Fla., Hawaii, Md., N.Y., Pa., Tex.
<i>Gossypium</i> sp. (cotton; lint).....	Mexico.....		1		Tex.
<i>Gossypium</i> sp. (cottonseed).....	India, Mexico, Paki- stan, Thailand.....	14	2		N.Y., S.C., Tex.
<i>Gossypium</i> sp. (seed cotton).....	Mexico, Pakistan.....		1	2	Tex.
<i>Hibiscus esculentus</i> (okra) pod.....	Barbados, Dominican Republic, Haiti, Jamaica.....	14	7		Fla., N.Y., Pa., P.R.
<i>Penicbroa fasciata</i> Steph. (Cerambycidae):					
Debris.....	Syria.....		1		Md.
<i>Pentalonia nigronervosa</i> Coq. (Aphidae):					
<i>Alpinia rutica</i> (Malay galangal).....	Hawaii.....	1			Hawaii.
<i>A. purpurata</i> (cut flowers).....	Guam, Hawaii, Tahiti.....	19	3		Calif.,* Hawaii.
<i>Colocasia antiquorum</i> (taro).....	Hawaii.....		1		Hawaii.
Flowers.....	Dominican Republic, Honduras.....	1	1		Fla., La.
<i>Isotoma longiflora</i>	Hawaii.....	1			Hawaii.
<i>Musa</i> sp.....	American Samoa.....	1			Hawaii.
Plant—unidentified.....	Japan.....			1	Hawaii.
<i>Strongylodon macrobetrus</i>	Philippines.....	1			Hawaii.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Pentamerismus oregonensis</i> McG. (Tenuipalpidae):					
<i>Juniperus chinensis</i> (pyramid Chinese juniper)	Japan			1	Wash.
<i>Peritrechus nubilus</i> (Fallen) (Lygaeidae):					
Fruit	Unknown		1		N. Y.
<i>Petroselinum crispum</i> (parsley)	do		1		N. Y.
<i>Peritrechus sylvestris</i> (F.) (Lygaeidae):					
<i>Fragaria</i> sp. (strawberry) plant	France			1	N. Y.
<i>Petrora cristata</i> (Wish.) (Olethreutidae):					
<i>Pinus thumbergii</i> (Japanese black pine) cone	Japan		1		Pa.
<i>Phalacropterix apiformis</i> (Rossi) (Psychidae):					
Military cargo (conex box)	Italy	1			Va.
<i>Pheidole megacephala</i> (F.) (Formicidae):					
Airplane	Antigua		1		P. R.
<i>Alpinia purpurata</i>	Hawaii, unknown	1	1		Hawaii, N. Y.
<i>Anthurium</i> sp.	Hawaii	1			Hawaii.
<i>Citrus aurantifolia</i> (lime)	Brazil		1		Hawaii.
<i>Cocos nucifera</i> (coconut)	Hawaii		1		Calif.*
<i>Colocasia</i> sp. (tuber)	American Samoa		1		Hawaii.
<i>Dracaena fragrans</i> 'Massange'	Puerto Rico			1	N. Y.
Fern	Japan		1		Hawaii.
<i>Ficus benghalensis</i> (banyan fig)	Hawaii			1	Hawaii.
Flowers	do	2			Hawaii.
Food	do	2			Hawaii.
Leaf—unidentified	Cuba	1			N. Y.
<i>Musa paradisiaca</i> var. <i>sapientum</i> (banana)	Bermuda	1			Bermuda.
Orchid	British Honduras, Honduras.			3	Fla., La.
Palm	American Samoa	1		1	Hawaii.
Plants—unidentified	do			1	Hawaii.
<i>Samanea saman</i> (raintree saman)	Fiji	3			Hawaii.
Soil	do	1			Hawaii.
<i>Strelitzia</i> sp.	Hawaii	1			Hawaii.
<i>Strongyloides</i> sp. (cut flowers)	do	1			Hawaii.
<i>Phenacoccus rotundus</i> Kanda (Coccidae) (tentative):					
<i>Rhododendron austrokiusianum</i>	Japan			1	D. C.
<i>Philaenus leucopthalmus</i> (L.) (Cercopidae):					
<i>Fragaria</i> sp. (strawberry) plant	France			1	N. Y.
<i>Phitia febrilis</i> (L.) (Bibionidae):					
<i>Tulipa</i> hybrid (tulip) cut flowers	Netherlands	1			N. Y.
<i>Phloeotribus scarabaeoides</i> (Bern.) (Scolytidae):					
<i>Olea europaea</i> (olive) wood	Lebanon	1			N. Y.
<i>Phytomyza rufipes</i> Meig. (Agromyzidae):					
<i>Brassica oleracea</i> var. <i>botrytis</i> (cauliflower)	England		1		Ga.
<i>Raphanus sativus</i> (radish)	Denmark, unknown		10		N. Y.
<i>Pieris brassicae</i> (L.) (Pieridae):					
<i>Brassica oleracea</i> var. <i>botrytis</i> (cauliflower)	Germany, Italy		2		Fla., N. Y.
<i>B. oleracea</i> var. <i>capitata</i> (cabbage)	Azores, Belgium, Italy.		11		N. Y., Pa.
Military cargo	Italy	1			La.
<i>Pinnaspis buxi</i> (Bouché) (Coccidae):					
<i>Cordyline terminalis</i> (ti)	Hawaii, Panama	22		1	Fla., Hawaii.
<i>Cordyline</i> sp.	Hawaii, unknown	2	1	1	N. Y., Hawaii.
<i>Dracaena</i> sp.	Panama	11			Fla.
<i>Neomoorea</i> sp. (orchid) leaf	Canal Zone			2	Fla.
Orchid (leaf)	Thailand			1	Fla.
<i>Spathiphyllum</i> sp. (leaf)	Hawaii			1	Hawaii.
<i>Pinnaspis uniloba</i> (Kuw.) (Coccidae):					
<i>Alyxia olivaeformis</i> (maile alyxia) leaf	do	1			Calif.*
<i>Pityogenes chalcographus</i> (L.) (Scolytidae):					
Bark (on wooden crate)	Germany, Sweden	2			Wis.
<i>Plagiodera punctigera</i> Stal (Chrysomelidae):					
Bromeliad	Mexico			1	Tex.
<i>Plagionotus arcuatus</i> (L.) (Cerambycidae):					
Dunnage	Unknown		1		Mich.
<i>Planococcus dorsospinosus</i> Ezzat & McConnell (Coccidae):					
<i>Litchi chinensis</i> (lychee)	China	1			Wash.
<i>Platoceticus symmetrica</i> Dyar (Psychidae):					
<i>Musa paradisiaca</i> var. <i>sapientum</i> (banana)	Ecuador, Guatemala	2			La., S. C.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consump- tion	Nonentry	Propaga- tion	
<i>Platynota rostrana</i> (Wlk.) (Tortricidae):					
<i>Capsicum annuum</i> var. <i>grossum</i> (bell pepper)	Puerto Rico	2			P.R.
<i>Physalis</i> sp. (husk tomato)	Mexico	1			Tex.
<i>Pleurothallis</i> sp. (orchid)	Haiti			1	Fla.
<i>Zizyphus</i> sp. (jube)	Mexico	1			Tex.
<i>Platypus rugulosus</i> Chap. (Platypodidae):					
Bamboo (log)	do.	1			Tex.
<i>Plectia plagiata</i> Wied. (Bibionidae):					
<i>Lycopersicon esculentum</i> (tomato)	do.	1			Ariz.
<i>Plinthinus brevipennis</i> (Latr.) (Lygaeidae):					
<i>Petroselinum crispum</i> (parsley)	Azores		1		N.Y.
<i>Plinthinus putoni</i> Horvath (Lygaeidae):					
Moss (packing material)	Italy	1			N.Y.
<i>Plusia chalcites</i> (Esp.) (Noctuidae):					
Vanda 'Miss Joachim' (orchid) flower	Hawaii	2			Hawaii.
<i>Poecilozonites bermudensis</i> (Pfeiffer) (?) (Zoni- tidae):					
Soil with <i>Persea americana</i> (avocado) seedling	Bermuda			1	N.Y.
<i>Poecilozonites circumfirmatus</i> (Redfield) (Zoni- tidae):					
<i>Lactuca sativa</i> (lettuce)	Unknown		1		N.Y.
<i>Nerium oleander</i> (oleander)	Bermuda			1	Bermuda.
Soil with <i>Persea americana</i> (avocado) seedling	do.			1	N.Y.
Soil with unidentified plants	do.			1	N.Y.
<i>Polygyra bahamensis</i> Vanatta (Polygyridae):					
Orchid (plant)	Bahamas			1	Fla.
<i>Polygyra matermontana</i> Pilsbry (Polygyridae):					
<i>Musa</i> sp. (banana)	Mexico	1			Ariz.
<i>Polygyra richardsoni</i> (Martens) (Polygyridae):					
Cactus (plant)	do.			1	Tex.
<i>Porphyrobaphe iostoma</i> (Sowerby) (Bulimuli- dae):					
<i>Musa paradisiaca</i> var. <i>sapientum</i> (banana)	Ecuador	2			Calif.,* N.Y.
<i>Potosiopaca</i> (Fab.) (Scarabaeidae):					
Debris	Unknown		1		Mich.
<i>Praticolella ampla</i> (Pfeiffer) (Polygyridae):					
Orchid (plant)	Mexico			1	Tex.
<i>Prays oleellus</i> (F.) (Hyponomeutidae):					
<i>Olea europaea</i> (olive)	Italy, Lebanon, Syria	5			N.Y., Ohio, Pa.
<i>Prodenia litura</i> (F.) (Noctuidae):					
Airplane	West Pacific		1		Hawaii.
<i>Capsicum annuum</i> (pepper)	Israel		1		N.Y.
Flowers	Formosa		2		Wash.
<i>Gladiolus</i> hybrid (cut flowers)	Japan	1			Hawaii.
<i>Protopulvinaria longivalvata</i> Green (Coccidae):					
<i>Gardenia jasminoides</i> (cut flowers)	Costa Rica, Tahiti	2			Fla., Hawaii
<i>Peperomia</i> sp. (plant)	Jamaica			1	Fla.
<i>Protopulvinaria pyriformis</i> (Ckll.) (Coccidae):					
<i>Bauhinia variegata</i> (Buddist bauhinia)	Bahamas		1		Fla.
<i>Gardenia jasminoides</i> (leaf)	Bahamas, Cuba, El Salvador	4		1	Bahamas, Calif.,* Fla., La.
<i>Pseudaonidia trilobitiformis</i> (Green) (Coccidae):					
<i>Citrus aurantifolia</i> (lime)	Argentina, Brazil	1	5		Calif.*
<i>C. limon</i> (lemon)	Brazil, Philippines, Tahiti	1	4		Calif.,* Hawaii.
<i>C. paradisi</i> (grapefruit)	Philippines	1			Hawaii.
<i>Mangifera indica</i> (mango)	Brazil, Venezuela	1	1		Fla.
<i>Pseudischnaspis atenuis</i> (Newst.) (Coccidae):					
Orchid (pseudobulb and plants)	British Honduras, Canal Zone, Costa Rica, El Salvador, Mexico, Panama			7	Ariz., Fla., Wash.
<i>Pseudischnaspis bowreyi</i> (Ckll.) (Coccidae):					
<i>Ficus elastica</i> (Indiarubber fig) leaf	Mexico			1	Tex.
Orchid (leaf)	Peru			1	Fla.
<i>Pseudischnaspis longissima</i> (Ckll.) (Coccidae):					
<i>Mangifera indica</i> (mango)	El Salvador, unknown	1	2		Calif.*
<i>Pseudococcus boninensis</i> (Kuw.) (Coccidae):					
<i>Cordyline terminalis</i> (ti) cutting	Unknown			1	Wash.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Pseudococcus citriculus</i> Green (Coccidae):					
<i>Citrus sinensis</i> (sweet orange).....	Japan.....		1		Hawaii.
<i>Pseudococcus ferrisi</i> (Ezzat & McConnell) (Coccidae):					
<i>Gardenia</i> sp. (leaf).....	Mexico.....			1	Calif.
<i>Pseudococcus gahani</i> Green (Coccidae):					
<i>Citrus limon</i> (lemon).....	Chile.....		1		Fla.
<i>C. sinensis</i> (sweet orange).....	France.....	1			N.Y.
<i>Pseudococcus lilacinus</i> Ckll. (Coccidae):					
<i>Psidium guajava</i> (guava).....	Philippines.....	1			Hawaii.
<i>Pseudococcus palmarum</i> (Ehrh.) (Coccidae):					
<i>Cocos nucifera</i> (coconut).....	Guam, Hawaii.....	11		4	Calif.,* Hawaii, Tex.
<i>Pseudodiaspis yuccae</i> (Ckll.) (Coccidae):					
<i>Nolina palermi</i>	Mexico.....			1	Calif.
<i>Yucca</i> sp.....	do.....			1	Calif.
<i>Pseudoparlatoria ostreata</i> Ckll. (Coccidae):					
<i>Oncidium</i> sp. (orchid) leaf.....	Costa Rica.....			1	Fla.
Orchid (leaf).....	Bolivia.....			1	Fla.
<i>Pelargonium</i> sp. (geranium) stem.....	Guatemala.....			1	Calif.*
<i>Pseudoparlatoria turgida</i> Ferris (Coccidae):					
Bromeliad (leaf).....	Brazil.....			1	Fla.
<i>Pseudophasma cyllarus</i> (Westw.) (Phasmatidae):					
Orchid (plant).....	Jamaica.....			1	Fla.
<i>Psylla melanoneura</i> Foerst. (?) (Psyllidae):					
<i>Crataegus</i> sp. (hawthorn) leaf.....	France.....	1			N.Y.
<i>Psylla pyri</i> (L.) (Psyllidae):					
<i>Mentha</i> sp. (mint) leaf.....	Italy.....	1			N.Y.
<i>Pulvinaria psidii</i> Mask. (Coccidae):					
<i>Alpinia purpurata</i>	Hawaii.....	32			Hawaii.
<i>Anthurium</i> sp.....	do.....			1	Hawaii.
<i>Carissa grandiflora</i> (Natal-plum carissa).....	Mexico.....			1	Tex.
<i>Clusia rosea</i> (covey elusia).....	Hawaii.....	1			Hawaii.
<i>Gardenia jasminoides</i> (leaf).....	do.....	6			Calif.,* Hawaii.
<i>Izora chinensis</i>	Fiji.....	1			Hawaii.
<i>Lagerstroemia</i> sp. (crapemyrtle).....	Indonesia.....			1	Hawaii.
<i>Litchi chinensis</i> (lychee) twig and fruit.....	Unknown.....	1			Wash.
<i>Puto mexicanus</i> (Ckll.) (Coccidae):					
<i>Epidendrum</i> sp. (orchid).....	Mexico.....			1	Tex.
Orchid (plant).....	do.....			1	Tex.
<i>Puto ulter</i> Ferris (Coccidae):					
<i>Cattleya boursingiana</i> (orchid).....	Guatemala.....			1	Tex.
Orchid (plant).....	do.....			1	Fla.
<i>Pyrgocorypha sallei</i> Sauss. (Tettigoniidae):					
Automobile.....	Mexico.....	1			Ariz.
<i>Musa paradisica</i> var. <i>sapientum</i> (banana).....	do.....	1			Tex.
<i>Pyrrhidium sanguineum</i> (L.) (Cerambycidae):					
<i>Apium graveolens</i> (celery) seed.....	Unknown.....	1			N.C.
<i>Pyrrhocoris apterus</i> (L.) (Pyrrhocoridae):					
Straw (jacket for liquor bottle).....	Greece.....		1		Tex.
<i>Radiodiscus proameri</i> H. B. Baker (Endodontidae):					
Orchid (plant).....	Mexico.....			1	Tex.
Soil with unidentified plant.....	do.....			1	Tex.
<i>Reticulitermes flavipes</i> (Koll.) (Rhinotermitidae):					
<i>Ananas comosus</i> (pineapple).....	do.....	1			Tex.
Automobile.....	do.....		1		Tex.
Cactus.....	do.....			1	Tex.
Orchid (plant).....	do.....			1	Tex.
Railway car.....	do.....		1		Tex.
<i>Retimella hammonis</i> (Ström.) (Zonitidae):					
Plants—unidentified.....	Germany.....			1	N.J.
<i>Rubus</i> sp.....	France.....		1		Mass.
<i>Rhagoletis cerasi</i> (L.) (Tephritidae):					
<i>Prunus</i> sp. (cherry).....	Czechoslovakia, France, Germany, Italy, Spain, unknown.....	6	22		N.Y., P.R., Tex.
<i>Rhaphigaster nebulosa</i> (Poda) (Pentatomidae):					
Baggage.....	Italy.....	1			Mass.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Rhinocola ericae</i> (Curt.) (Psyllidae):					
<i>Calluna vulgaris</i> (heather).....	England, Germany, Ireland, Scotland.	2	---	2	N.Y., Wash.
<i>Rhipiphorothrips pulchellus</i> Morgan (Thripidae):					
<i>Theobroma cacao</i> (cacao) leaf.....	Philippines.....	1	---	---	Wash.
<i>Rhophobota naevana</i> (Hbn.) (Olethreutidae):					
<i>Ilex sugeroki</i> (sugeroki holly).....	Japan.....	---	---	1	D.C.
<i>Rhyacionia buoliana</i> (Schiff.) (Olethreutidae):					
<i>Pinus</i> sp. (pine).....	Brazil.....	---	1	---	Ala.
<i>Rhynchaenus populi</i> (F.) (Curculionidae):					
<i>Syringa</i> sp. (lilac) cut flowers.....	Netherlands.....	1	---	---	N.Y.
<i>Rhynchophorus palmarum</i> (L.) (Curculionidae):					
Cargo.....	Ecuador.....	1	---	---	La.
<i>Rhyparochromus immaculatus</i> (Rey) (Lygaeidae):					
<i>Fragaria</i> sp. (strawberry) leaf of plant.....	France.....	---	---	1	N.Y.
<i>Roucasia ovala</i> Goux. (Aleyrodidae):					
<i>Hedera</i> sp. (ivy).....	Italy.....	---	---	1	Mass.
<i>Rumina decollata</i> (L.) (Achatinidae):					
Palm (seed).....	Mexico.....	---	---	1	Tex.
Soil with unidentified plants.....	Bermuda, Mexico.....	---	---	3	Tex., Va.
<i>Schasicheila bahamensis</i> Pfeiffer (Heliicidae):					
Orchid (plant).....	Bahamas.....	---	---	1	Fla.
<i>Schneidereria pistaciella</i> Weber (Gelechiidae):					
<i>Anacardium</i> sp. (cashew) nut.....	Greece.....	1	---	---	N.Y.
<i>Pistacia mutica</i> (Turkterebinth pistache) nut.....	do.....	4	---	---	N.Y.
<i>P. vera</i> (common pistache) nut.....	Lebanon.....	1	---	---	Ohio.
<i>Schoenobius incertulas</i> (Wlk.) (Schoenobiidae):					
Airplane.....	Japan, unknown.....	---	3	---	Hawaii.
<i>Sciocoris fuscosparsus</i> Stal (Pentatomidae):					
<i>Vitis</i> sp. (grape).....	Republic of South Africa.....	1	---	---	N.Y.
<i>Sclerocona acutellus</i> (Ev.) (Pyraustidae):					
<i>Phragmites communis</i> (common reed) fence.....	Japan.....	1	---	---	Calif.
<i>Sculptaria reticulata</i> (Martens) (Corillidae):					
<i>Myrothamnus flabellifolia</i> (plant).....	Republic of the Congo.....	---	---	1	D.C.
<i>Selenaspidus silvaticus</i> Ldgr. (Coccidae):					
<i>Protea</i> sp.....	Republic of South Africa.....	1	---	---	Mass.
<i>Selenothrips rubrocinctus</i> (Giard) (Thripidae):					
<i>Anthurium</i> sp.....	Hawaii.....	1	---	---	Hawaii.
<i>Cordyline terminalis</i> (ti) leaf.....	do.....	1	---	---	Hawaii.
<i>Eugenia jambos</i> (rose-apple).....	Dominican Republic.....	1	---	---	N.Y.
Flowers.....	Guadeloupe.....	1	---	---	P.R.
<i>Garcinia mangostana</i> (mangosteen).....	Guatemala.....	1	---	---	La.
Leaf—unidentified.....	Dominican Republic.....	1	---	---	Fla.
<i>Theobroma cacao</i> (cacao) leaf.....	Philippines.....	1	---	---	Wash.
<i>Sesamia cretica</i> Led. (Noctuidae):					
<i>Sorghum vulgare</i> var. <i>technicum</i> (broomcorn).....	France, Greece, Italy.....	8	---	---	Md., Mass., N.Y.
<i>Sesamia inferens</i> (Wlk.) (Noctuidae):					
Airplane.....	Japan.....	---	1	---	Hawaii.
<i>Sesamia nonagrioides</i> (Lef.) (Noctuidae):					
Baggage.....	Unknown.....	1	---	---	N.Y.
<i>Sorghum vulgare</i> var. <i>technicum</i> (broomcorn).....	Azores.....	1	---	---	N.Y.
<i>Sinoxylon anale</i> Lesne (Bostrichidae):					
<i>Dalbergia</i> sp. (rosewood) log.....	Vietnam.....	1	---	---	La.
Wood (crates and processed lumber).....	India.....	4	---	---	Mass., N.Y., Oreg.
<i>Sinoxylon conigerum</i> Gerst. (Bostrichidae):					
<i>Dalbergia</i> sp. (rosewood) log.....	Vietnam.....	1	---	---	La.
Wood (crate and van).....	Ceylon, India.....	2	---	---	Calif., * Pa.
<i>Sinoxylon sexdentatum</i> (Ol.) (Bostrichidae):					
<i>Allium sativum</i> (garlic).....	Italy.....	1	---	---	N.Y.
<i>Siphanta acuta</i> (Wlk.) (Flatidae):					
<i>Anthurium</i> sp. (cut flowers).....	Hawaii.....	1	---	---	Hawaii.
<i>Kalanchoe</i> sp.....	do.....	---	---	1	Hawaii.
<i>Phaius waltchii</i> (orchid).....	do.....	1	---	---	Hawaii.
<i>Sirex juvenis</i> (L.) (Siricidae):					
Cargo (household goods).....	Japan.....	1	---	---	Va.
<i>Sisamnes contractus</i> Dist. (Lygaeidae):					
Cactus.....	Mexico.....	---	---	1	Tex.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Spanioneura fonscolombei</i> Foerst. (Psyllidae):					
Flowers.....	England, unknown.....		2		Wash.
<i>Ligustrum</i> sp. (privet).....	Unknown.....		1		Mich.
<i>Sphenarches caffer</i> (Zell.) (Pterophoridae):					
<i>Cajanus cajan</i> (pigeonpea) pod.....	Puerto Rico.....	1			N.Y.
<i>Spodoptera mauritia acronyctoides</i> (Guen.) (Noctuidae):					
<i>Plumeria</i> sp.....	Hawaii.....	2			Hawaii.
<i>Steneotarsonemus laticeps</i> (Halb.) (Tarsonemidae):					
<i>Narcissus</i> sp. (bulb).....	England, Ireland, New Zealand, Northern Ireland.....			193	N.J.
<i>Stenoma catenifer</i> Wlsm. (Stenomidae):					
<i>Persea americana</i> (avocado).....	British Honduras, Colombia, Costa Rica, Ecuador, El Salvador, Honduras, Mexico, Nicaragua, Panama, Venezuela.....	30	4	1	Calif., * Fla., Md., N.Y., Tex.
<i>Stenoptilia stigmatodactyla</i> Zell. (Pterophoridae):					
<i>Gentiana</i> sp. (gentian) cut flowers.....	Switzerland.....	3			Mass., N.J., N.Y.
<i>Stephanitis nashi</i> Esaki & Takeya (Tingidae):					
<i>Chrysanthemum</i> sp. (cut flowers).....	Japan.....	1			Hawaii.
<i>Stephanoderes hampei</i> (Ferr.) (Scolytidae):					
<i>Coffea arabica</i> (Arabian coffee).....	Brazil, Liberia, Republic of South Africa, West Africa.....	5			D.C., Fla., Hawaii, La., Md. D.C.
<i>C. canephora</i> (robust coffee).....		1			
<i>Stereotydeus mexicanus</i> Baker (Eupodidae):					
Orchid (plant).....	Mexico.....			1	Tex.
Plant—unidentified.....	do.....	1			Tex.
<i>Sternonchus mangiferae</i> (F.) (Curculionidae):					
<i>Mangifera indica</i> (mango).....	Hawaii.....	39	5	4	Calif., * Ga., Hawaii.
<i>Sterra inquinata</i> (Scop.) (Geometridae):					
<i>Capsicum annuum</i> (pepper).....	Italy.....	2			Pa.
<i>Stygnocoris fuliginosus</i> Geoffroy (Lygaeidae):					
<i>Fragaria</i> sp. (strawberry) plant.....	France.....			1	N.Y.
<i>Subulina octona</i> (Bruguiera) (Achatinidae):					
Military cargo (conex box).....	Libya.....	1			N.C.
Orchid (plant).....	British Honduras, Colombia, Jamaica, Mexico, Jamaica.....			9	Fla., Tex.
Soil with <i>Codiaeum</i> sp. (plant).....	Honduras.....			1	Bahamas.
Soil with <i>Coleus</i> sp. (plant).....	Puerto Rico.....			2	La. Pa.
Soil with <i>Dieffenbachia</i> sp. (plant).....	Mexico.....			1	Pa. Ariz.
Soil with unidentified plants.....					
<i>Suidasia medianensis</i> Oud. (Acaridae):					
<i>Pandanus</i> sp. (screwpine).....	Tahiti.....	1			Hawaii.
<i>Symphylus ramivittata</i> (Wlk.) (Pentatomidae):					
Aquatic plant.....	Peru.....			1	Fla.
<i>Synrias diffundens</i> (Wlk.) (?) (Noctuidae):					
Airplane.....	Venezuela.....		1		Fla.
<i>Systole albipennis</i> Wlk. (Eurytomidae):					
<i>Foeniculum vulgare</i> (common fennel).....	Italy.....			1	N.J.
<i>Taeniothrips atratus</i> (Hal.) (Thripidae):					
<i>Callistephus chinensis</i> (China aster).....	Netherlands.....	1			N.Y.
<i>Calluna vulgaris</i> (heather).....	Scotland.....	1			Mass.
<i>Dianthus caryophyllus</i> (carnation).....	Portugal, Scotland, Spain, unknown, England, Germany, Iceland, Ireland, unknown.....	2	1	1	N.Y., Pa.
Flowers.....	England.....	5	5		Mass., N.J., Pa., Wash.
<i>Lathyrus odoratus</i> (sweetpea).....	England, Netherlands.....	1		7	Wash. N.J.
Nursery stock.....	England.....		1		Wash.
<i>Petroselinum crispum</i> (parsley).....	Finland.....	1			N.Y.
<i>Rosa hybrid</i> (rose).....					
<i>Taeniothrips dianthi</i> Priesner (Thripidae):					
Flowers.....	England.....	1			Mass.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Taeniothrips discolor</i> (Karny) (Thripidae) (tentative):					
<i>Dianthus caryophyllus</i> (carnation)	Israel	1			N.Y.
<i>Taeniothrips ericae</i> (Hal.) (Thripidae):					
<i>Callistephus chinensis</i> (China aster)	Netherlands	1			N.Y.
<i>Calluna vulgaris</i> (heather)	Canada, Ireland, Scotland	2		3	Alaska, Pa., Wash.
<i>Taeniothrips gracilis</i> Mlt. (Thripidae):					
<i>Antirrhinum majus</i> (snapdragon)	Japan	1			Hawaii.
<i>Lycoris radiata</i> (shorttube lycoris) bulb	do			3	N.Y., Wash.
<i>L. squamigera</i> (autumn lycoris) bulb	do			6	N.J., N.Y., Wash.
<i>Lycoris</i> sp.	do			7	Calif., * N.J., N.Y., Wash.
<i>Narcissus tazetta</i> (polyanthus narcissus)	Hong Kong	1			Hawaii.
<i>Taeniothrips hawaiiensis</i> (Morg.) (Thripidae):					
<i>Allium sativum</i> (garlic)	Philippines	1			Hawaii.
<i>Calotropis gigantea</i> (Akund calotrope)	Hawaii	1			Hawaii.
<i>Chrysanthemum</i> sp. (cut flowers)	Japan	1			Hawaii.
<i>Dianthus caryophyllus</i> (carnation)	do	2	2		Hawaii.
Flowers	Australia, Hawaii	2			Hawaii.
<i>Gardenia jasminoides</i>	Hawaii	50			Hawaii.
<i>Gardenia</i> sp.	Japan		1		Hawaii.
<i>Hibiscus</i> sp.	Hawaii, Okinawa	1		1	Hawaii.
<i>Narcissus tazetta</i> (polyanthus narcissus)	Japan	1			Hawaii.
<i>Oryza sativa</i> (rice) straw	do	2			Hawaii.
<i>Plumeria rubra</i> (Mexican frangipani)	Hawaii	1			Hawaii.
<i>Plumeria</i> sp.	do	3			Calif., * Hawaii.
<i>Sesbania grandiflora</i> (agati sesbania)	do	1			Hawaii.
<i>Vanda</i> 'Miss Joachim' (orchid)	do	1			Hawaii.
<i>Vanda</i> sp.	do	1			Hawaii.
<i>Taeniothrips picipes</i> (Zett.) (Thripidae):					
<i>Convallaria</i> sp. (lily-of-the-valley)	Norway	1			N.Y.
<i>Gentiana</i> sp. (gentian) cut flowers	Switzerland	1			N.Y.
<i>Rhododendron</i> sp. (azalea) cut flowers	England	1			N.Y.
<i>Taeniothrips vitticornis</i> (Karny) (Thripidae):					
<i>Canavalia microcarpa</i> (mauna loa)	Hawaii	1			Hawaii.
<i>Talponia batesi</i> Hein. (Olethreutidae):					
<i>Annona cherimola</i> (cherimoya) fruit	Mexico	6			Tex.
<i>A. muricata</i> (soursop) seed	Dominican Republic		1		Pa.
<i>Annona</i> sp. (seed)	Mexico	1			Tex.
<i>Talurus rugosus</i> (Jac.) (Chrysomelidae):					
Airplane	Nicaragua		1		P.R.
" <i>Targionia</i> " <i>bromitiae</i> (Leon) (Coccidae):					
<i>Ananas comosus</i> (pineapple)	Azores, Mexico, Portugal	3			Calif., N.Y.
" <i>Targionia</i> " <i>hartii</i> (Ckll.) (Coccidae):					
<i>Dioscorea</i> sp. (yam) fruit	Cuba	1	1		Fla.
<i>Zingiber officinale</i> (ginger)	Hong Kong	1			Calif. *
" <i>Targionia</i> " <i>sacchari</i> (Ckll.) (Coccidae):					
<i>Cymbopogon citratus</i> (lemongrass)	Puerto Rico			1	D.C.
<i>Saccharum officinarum</i> (sugarcane)	do		1		Pa.
<i>Targionia yuccarum</i> (Ckll.) (Coccidae):					
<i>Dudleya</i> sp. (plant)	Mexico			1	Calif.
<i>Teleonemia scrupulosa</i> Stal (Tingidae):					
<i>Mentha</i> sp. (mint)	Panama	1			Fla.
<i>Tenthetoris angustimarginatus</i> Hsiao & Sailer (Miridae):					
Orchid (plant)	Mexico			2	Tex.
<i>Tenthetoris confusus</i> Hsiao & Sailer (Miridae):					
Orchid (plant)	British Honduras, Mexico			3	Fla., Tex.
<i>Tenthetoris distinctus</i> Hsiao & Sailer (Miridae):					
Orchid (plant)	Mexico			2	Tex.
<i>Tenthetoris exitosus</i> (Dist.) (Miridae):					
Orchid (plant)	Peru			2	Fla.
<i>Tenthetoris venezuelensis</i> Hsiao & Sailer (Miridae):					
Orchid (plant)	Venezuela			1	Tex.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of inter- ceptions in—			Collected in—
		Consump- tion	Nonenry	Propaga- tion	
<i>Tentecoris vestitus</i> (Dist.) (Miridae):					
<i>Oncidium</i> sp. (orchid)	Guatemala			1	Fla.
<i>Tetrastria meticulosalis</i> Guen. (Pyraustidae):					
Orchid (plant)	Peru			1	Fla.
<i>Teratophylla fulvioides</i> Carvalho (Miridae):					
Bromeliad	Mexico			1	Tex.
<i>Tetraleurodes aucubae</i> (Kuw.) (Aleyrodidae):					
<i>Citrus sinensis</i> (sweet orange)	Japan		1		Calif.*
<i>Tetraleurodes graminis</i> Takah. (Aleyrodidae):					
<i>Paspalum</i> sp. (paspalum grass)	Formosa			1	Wash.
<i>Tetranychus cinnabarinus</i> (Bois.) (Tetranychidae):					
<i>Chrysanthemum morifolium</i> (cut flowers)	Japan	1			Hawaii.
<i>Dianthus caryophyllus</i> (carnation)	do	1			Wash.
<i>Phaseolus vulgaris</i> (bean)	Mexico	1			Calif.
<i>Tetranychus viennensis</i> Zacher (Tetranychidae):					
<i>Malus sylvestris</i> (apple)	Poland	1			Wash.
<i>Theba pisana</i> (Müller) (Helicidae):					
Automobile	Morocco	1			S.C.
Baggage (probably for food)	Italy	1			N.Y.
<i>Brassica oleracea</i> var. <i>botritis</i> (cauliflower)	Morocco		1		Va.
<i>B. oleracea</i> var. <i>capitata</i> (cabbage)	Spain		1		N.Y.
Cargo—general	Morocco, Spain	3	1		La., Mass., N.Y.
Flowers	Israel	1			N.Y.
Herb—unidentified	Cuba	1			Fla.
<i>Lactuca sativa</i> (lettuce)	Italy		1		N.Y.
Military cargo	Azores, France, Italy, Libya, Morocco, Spain, unknown.	58			La., Mass., N.Y., S.C., Tex., Va.
Mollusks	Morocco	4			N.Y.
<i>Muscari comosum</i> (cipollino)	do	1			N.Y.
<i>Petroselinum crispum</i> (parsley)	France, Spain		2		N.Y., Pa.
Plant material	France, Israel	2			D.C., N.Y.
<i>Rosa</i> hybrid	France	2			N.Y.
<i>Rosmarinus officinalis</i> (rosemary)	Azores	1			Mass.
<i>Solanum tuberosum</i> (potato)	Spain		1		Tex.
Stores	Unknown		1		Mich.
<i>Theba planata</i> (Holtz) (Helicidae):					
Military cargo (metal cylinder)	Spain	1			Va.
<i>Thrips angusticeps</i> Uzel (Thripidae):					
Flowers	do	1			Wash.
<i>Lactuca sativa</i> (lettuce)	Unknown		1		Calif.*
<i>Thrips flavus</i> Schrank (Thripidae):					
<i>Antirrhinum majus</i> (snapdragon)	Germany	1			N.Y.
<i>Chrysanthemum</i> sp. (cut flowers)	Japan	1			Alaska.
<i>Dianthus caryophyllus</i> (carnation)	Scotland unknown.		1	1	N.Y., Pa.
Flowers (mixed)	England, Ireland, unknown.	2	5		Mass., Pa., Wash.
<i>Gardenia</i> sp. (cut flowers)	Japan	1			Wash.
Nursery stock	England, Netherlands			10	N.J.
<i>Rosa</i> hybrid	England		1		Ill.
Soil with unidentified plants	France		1		Mass.
<i>Thrips imarginis</i> Bagnall (Thripidae):					
<i>Chrysanthemum</i> sp.	Australia	1			Hawaii.
Flowers (mixed, wild)	do	1			Wash.
<i>Thrips major</i> Uzel (Thripidae):					
<i>Callistephus chinensis</i> (China aster)	Netherlands	1			N.Y.
<i>Dianthus caryophyllus</i> (carnation)	Italy	1			N.Y.
Flowers (mixed)	England, Turkey, unknown.	1	3		N.Y., Pa., Wash.
Nursery stock	Netherlands			3	N.J.
<i>Rosa</i> hybrid	Denmark, England, Poland.	3			Hawaii, N.Y.
<i>Toxotrypana curvicauda</i> Gerst. (Tephritidae):					
<i>Carica papaya</i> (papaya)	Puerto Rico	1			P.R.
<i>Tranes internatus</i> Pascoe (Curculionidae):					
<i>Macrozamia fawcettii</i> (cycad)	Australia			1	Calif.*
<i>Trialeurodes similis</i> Rsl. (Aleyrodidae):					
<i>Persea americana</i> (avocado) leaf	Mexico	1		1	Tex.
<i>Trialeurodes variabilis</i> (Q.) (Aleyrodidae):					
<i>Citrus</i> sp. (leaf)	do	2			Tex.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonconsumption	Propagation	
<i>Trialeurodes vitrinellus</i> Ckll. (Aleyrodidae):					
<i>Citrus</i> sp. (leaf).....	Mexico.....	1			Tex.
<i>Trichia hispida</i> (L.) (Helicellidae):					
<i>Apium graveolens</i> (celery).....	Netherlands.....		1		Pa.
<i>Brassica oleracea</i> var. <i>capitata</i> (cabbage).....	England.....		1		Ga.
<i>Erica</i> sp. (heath).....	Australia.....			1	N.Y.
Liliaceae.....	Ireland.....			1	N.Y.
<i>Malus sylvestris</i> (apple).....	Spain.....		1		N.Y.
Military cargo.....	France.....	1			La.
Plants—unidentified.....	Germany.....			1	N.J.
<i>Rosa</i> hybrid.....	France.....	1			N.Y.
Soil and sphagnum moss.....	Germany.....	1			Tex.
Soil with various plants.....	Belgium, England.....	1		2	Mass., Mich.
<i>Tropaeolum</i> sp. (nasturtium) seed.....	Netherlands.....			1	Pa.
<i>Trichia striolata</i> (Pfeiffer) (Helicellidae):					
<i>Cotinus coggygia</i> (common smoketree).....	Austria, Italy.....			5	N.J.
<i>Dianthus caryophyllus</i> (carnation).....	Ireland.....	1			N.Y.
<i>Primula</i> sp. (primrose) plant.....	England.....			1	Wash.
<i>Trionymus sacchari</i> (Ckll.) (Coccidae):					
<i>Saccharum officinarum</i> (sugarcane).....	Barbados, Cuba, Fiji, India.....	3		2	D.C., Hawaii, N.Y.
<i>Trioxa anceps</i> Tuth. (Psyllidae):					
<i>Persea americana</i> (avocado) leaf.....	Mexico.....	1			Tex.
<i>Tropoderma granarium</i> Everts (Dermestidae):					
<i>Acacia senegal</i> (gum arabic).....	India, Sudan.....	44			Md., N.Y.
<i>Anogeissus latifolia</i> (gum ghatti).....	India.....	3			N.Y.
<i>Arachis hypogaea</i> (peanut) debris.....	West Africa.....		1		Ohio.
Bagging (including new and used burlap and wrappers on celery seed, cinnamon quills, cotton waste, crates of brassware, flax waste, gum arabic, guar gum, karaya gum, lentils, nutmeg, pepper, pigeonpeas, potatoes, psyllium husks, rice, and senna siftings).	Belgium, Ceylon, England, India, Indonesia, Netherlands, Pakistan, Senegal, Singapore, Sudan, United Arab Republic, unknown.	92	6		Ala., La., Mass., N.Y., N.C., Pa., S.C., Tex.
<i>Cajanus cajan</i> (pigeonpea).....	England, India, Singapore.....	1	8		Calif., * Ga., N.C., Pa., Tex.
Cargo (hold of ship).....	Unknown.....		6		S.C.
<i>Cinnamomum</i> sp. (cinnamon) quills.....	Ceylon.....	1			N.Y.
<i>Cuminum cyminum</i> (cumin) seed.....	India, Iran.....	7	2		N.Y., N.C., Pa., Tex.
<i>Curcuma longa</i> (turmeric).....	India.....	1			N.Y.
<i>Cyamopsis tetragonoloba</i> (guar gum).....	India, Pakistan, unknown.....	8	1		Md., N.Y., S.C., Tex.
Debris (in storeroom).....	Korea, unknown.....		2		Fla., Mass.
<i>Glycine max</i> (soybean).....	Senegal.....		1		N.Y.
Grain (as cargo and residue).....	India, Mexico, Sudan, unknown.....	3	2		Minn., N.Y., Tex.
Karaya gum.....	India, Sudan.....	8			N.Y.
<i>Oryza sativa</i> (rice).....	Formosa, India, Italy, Singapore, Thailand, unknown.....		14		Calif., * Ga., N.Y., N.C., Ohio, Pa., Tex., Wash.
<i>Phaseolus vulgaris</i> (bean).....	Netherlands.....		1		Tex.
<i>Pisum sativum</i> (pea).....	Formosa, India.....		2		Calif., * Pa.
<i>Rhizophora</i> sp. (mangrove) bark.....	Tanganyika.....	1			S.C.
Stores (including chili pepper, coriander, cumin seed, flour, mung bean, noodles, pigeonpea, rice, and sugar)	Belgium, China, Formosa, France, Greece, India, Italy, Kuwait, Sierra Leone, Singapore, Sudan, unknown.....		27		Calif., * Fla., Ga., Hawaii, La., Mass., Mich., N.Y., N.C., Pa., S.C., Tex., Wash.
<i>Terminalia</i> sp. (myrobalan).....	India.....	4			Ga., Pa., S.C., Va.
<i>Triticum aestivum</i> (wheat).....	Belgium, unknown.....	1	1		Md., Tex.
<i>Zea mays</i> (corn) seed.....	Hong Kong.....			1	Hawaii.
<i>Tropidacris cristata</i> (L.) (Acrididae):					
Quarters.....	Ecuador.....		1		Fla.
<i>Tropidacris latreillei</i> (Perty) (Acrididae):					
Cargo.....	do.....	1			Tex.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Udea ferrugalis</i> (Hbn.) (Pyraustidae):					
<i>Apium graveolens</i> (celery).....	France.....		1		N.Y.
<i>Brassica oleracea</i> var. <i>botrytis</i> (cauliflower).....	England.....		1		Ga.
<i>B. oleracea</i> var. <i>capitata</i> (cabbage).....	Portugal.....		1		N.Y.
<i>Cucurbita pepo</i> (zucchini squash).....	Italy.....		1		N.Y.
<i>Pelargonium</i> sp. (geranium).....	Portugal.....			1	Mass.
<i>Unaspis citri</i> (Comst.) (Coccidae):					
<i>Citrus aurantifolia</i> (lime).....	American Samoa.....	1			Hawaii.
<i>C. limon</i> (lemon).....	Canal Zone, Panama, Trinidad, Costa Rica, Puerto Rico.....	1	2		Calif.*
<i>C. paradisi</i> (grapefruit).....	Panama.....	1			Calif.*
<i>C. reticulata</i> (Mandarin orange).....	Argentina, unknown.....		3		Calif.*
<i>C. sinensis</i> (sweet orange).....	El Salvador.....	1			Calif.*
<i>Citrus</i> sp. (leaf).....					
<i>Unaspis yanoneensis</i> (Kuw.) (Coccidae):					
<i>Citrus aurantifolia</i> (lime).....	Japan.....		2		Hawaii, Oreg.
<i>C. aurantium</i> (sour orange).....	do.....		16		Calif.,* Pa.
<i>C. grandis</i> (pummelo).....	do.....		2		Hawaii, Oreg.
<i>C. ichangensis</i> × <i>C. reticulata</i> (ichandarin).....	do.....		2		Calif.*
<i>C. limon</i> (lemon).....	Australia, Japan.....	2	14		Calif.,* Hawaii, Oreg., Pa.
<i>C. mitis</i> (calamondin orange).....	Japan.....		1		Calif.*
<i>C. paradisi</i> (grapefruit).....	do.....		8		Calif.,* Hawaii.
<i>C. paradisi</i> × <i>C. reticulata</i> (tangelo).....	do.....	1	1		Hawaii.
<i>C. reticulata</i> (Mandarin orange).....	Japan, Philippines.....	33	139		Calif.,* Hawaii, N.Y., Oreg.
<i>C. reticulata</i> hybrid.....	Hong Kong, Japan.....	2	2		Hawaii.
<i>C. sinensis</i> (sweet orange).....	Hong Kong, Japan, unknown.....	8	116		Calif.,* Hawaii, N.Y., Oreg., Pa.
<i>Citrus</i> sp.....	Japan.....	3	2		Hawaii, N.Y.
<i>Vaginulus occidentalis</i> (Guilting) (Veronicellidae):					
Bromeliad (plant).....	Canal Zone.....			1	Fla.
Orchid (plant).....	do.....			1	Tex.
<i>Philodendron</i> sp. (plant).....	Colombia.....			1	Fla.
<i>Vaginulus occidentalis</i> (Guilting) (?) (Veronicellidae):					
<i>Brassica oleracea</i> var. <i>capitata</i> (cabbage).....	Tortola.....	1			Am. V.I.
<i>Caladium</i> sp. (plant).....	Haiti.....			1	N.Y.
Orchid (plant).....	El Salvador.....			2	Fla.
<i>Valtissius diversus</i> (Dist.) (Lygaeidae):					
<i>Citrus aurantifolia</i> (lime).....	Mexico.....	1			Tex.
Orchid (plant).....	Costa Rica.....			1	Tex.
<i>Veronicella moreleti</i> (Crosse & Fischer) (Veronicellidae):					
<i>Chamaedorea</i> sp. (palm) leaf.....	Mexico.....	1			Pa.
<i>Musa paradisiaca</i> var. <i>sapientum</i> (banana).....	Honduras.....	1			S.C.
<i>Vilga dissimilis</i> Dist. (Coreidae):					
Orchid (plant).....	Canal Zone, Honduras, Panama.....			4	Fla.
<i>Vilga divarigata</i> Champ. (Coreidae):					
Orchid (plant).....	Canal Zone.....			4	Fla.
<i>Vinsonia stellerifera</i> (Westw.) (Coccidae):					
<i>Aspasia</i> sp. (orchid) leaf.....	do.....			1	Fla.
<i>Brassica caudata</i> (orchid) leaf.....	Canal Zone, Panama.....			2	Fla.
<i>Broughtonia</i> sp. (orchid) leaf.....	Jamaica.....			14	Fla.
<i>Cattleya</i> sp. (orchid) leaf.....	Antigua.....			1	N.J.
<i>Epidendrum fragrans</i> (orchid).....	Canal Zone.....			1	Fla.
<i>Epidendrum</i> sp.....	Antigua, Canal Zone, Jamaica, Panama, Trinidad.....			6	Fla.
<i>Gongora</i> sp. (orchid) leaf.....	Nicaragua.....			1	Fla.
<i>Lycaste</i> sp. (orchid) leaf.....	Canal Zone.....			1	Fla.
<i>Oncidium altissimum</i> (orchid) leaf.....	British Honduras.....			1	Fla.
<i>O. panamense</i> (orchid) leaf.....	Canal Zone.....			1	Fla.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Vinsonia stellifera</i> —Con. Orchid (leaf of plant)-----	American Virgin Islands, Antigua, Bahamas, British Guiana, British Honduras, Canal Zone, Dominica, Honduras, Jamaica, Mauritius, Panama, Trinidad, unknown.	-----	-----	42	Calif.,* Fla., P.R.
<i>Vitina diaphana</i> Draparnaud (Zonitidae): <i>Brassica oleracea</i> var. <i>capitata</i> (cabbage)-----	France-----	-----	1	-----	Pa.
<i>Xiphidiopsis lita</i> Heb. (Tettigoniidae): <i>Anthurium andraeanum</i> (flamingo anthurium)-----	Hawaii-----	1	-----	-----	Hawaii.
<i>Anthurium</i> sp. (cut flowers)-----	do-----	1	-----	-----	Hawaii.
Flowers-----	do-----	1	-----	-----	Hawaii.
Leaf—unidentified-----	do-----	1	-----	-----	Hawaii.
<i>Xylopsocus capucinus</i> (Fab.) (Bostrichidae): Wood (crate)-----	Indonesia-----	1	-----	-----	Calif.*
<i>Xystrocera globosa</i> (Ol.) (Cerambycidae): <i>Operculina tuberosa</i> (wood-rose)-----	Hawaii-----	1	-----	-----	Hawaii.
<i>Yosemitia didactyla</i> Dyar (Phycitidae): Cactus (plant)-----	Mexico-----	-----	-----	1	Tex.
<i>Zachrysia guanensis</i> Poey (Camaenidae): Baggage-----	Cuba-----	1	-----	-----	Fla.
<i>Zeadiatraea lineolata</i> (Wlk.) (Crambidae): <i>Zea mays</i> (corn)-----	Bahamas, Guatemala-----	1	2	-----	Fla., Tex.
<i>Zonitoides arboreus</i> (Say) (Zonitidae): Bromeliad (plant)-----	France, Mexico-----	-----	-----	2	Ariz., Fla.
Orchid (plant)-----	Aruba, Costa Rica, El Salvador, Germany, Guatemala, Mexico, Peru.	-----	-----	12	Ariz., Calif.,* Fla., Tex.
Palm (plant)-----	Mexico-----	-----	-----	1	Tex.
<i>Saintpaulia</i> sp. (African-violet)-----	Canada-----	-----	-----	1	Wash.
Soil with <i>Pinus</i> sp-----	Japan-----	-----	-----	1	Hawaii.
<i>Zygospila bigenera</i> Stal (Chrysomelidae): Orchid (plant)-----	Honduras-----	-----	-----	1	Fla.

Hosts and Insects

- ABIES:**
Megastigmus suspectus (Hymenoptera)
- ACACIA:**
Trogoderma granarium (Coleoptera)
- ACALYPHA:**
Adoretus sinicus (Coleoptera)
- ACHRAS:**
Anastrepha serpentina (Diptera)
- AGAVE:**
Batrachedra linaria (Lepidoptera)
Caulotepea distanti (Hemiptera)
Chrysomphalus tingi (Homoptera)
Ligyrocoris auricilliana (Hemiptera)
Ozophora consanguineus (Hemiptera)
- ALLIUM CEPA:**
Acrolepis assectella (Lepidoptera)
Myzus ascalonicus (Homoptera)
- ALLIUM PORRUM:**
Acrolepis assectella (Lepidoptera)
Hispa atra (Lepidoptera)
Limax marginatus (Mollusca)
- ALLIUM SATIVUM:**
Lepidosaphes albidentatus (Coleoptera)
Dyspessa ulula (Lepidoptera)
Sinoxylon serdentatum (Coleoptera)
Taeniothrips hawaiiensis (Thysanoptera)
- ALLIUM SP.:**
Myzus ascalonicus (Homoptera)
- ALOE:**
Erythrochloera formosa (Hemiptera)
- ALPINIA:**
Coccus viridis (Homoptera)
Geotomus pygmaeus (Hemiptera)
Monomorium destructor (Hymenoptera)
Pentalonia nigronervosa (Homoptera)
Pheidole megacephala (Hymenoptera)
Pulvinaria psidii (Homoptera)
- ALSTONIA:**
Coccus viridis (Homoptera)
- ALYXIA:**
Ceroplastes rubens (Homoptera)
Pinnaspis uniloba (Homoptera)
- ANACARDIUM:**
Schneidereria pistaciella (Lepidoptera)
- ANANAS:**
Alpheias conspirata (Lepidoptera)
Cryptoccephalus marginicollis (Coleoptera)
Neoclytus acuminatus (Coleoptera)
Reticulitermes flavipes (Isoptera)
"Targionia" bromiliae (Homoptera)
- ANEMONE:**
Myzus ascalonicus (Homoptera)
- ANNONA:**
Bephrcta maculicollis (Hymenoptera)
Ceronota anonella (Lepidoptera)
Ectomyelois ceratoniae (Lepidoptera)
Talponia batesi (Lepidoptera)
- ANOGEISSUS:**
Trogoderma granarium (Coleoptera)
- ANTHURIUM:**
Bradybaena similis (Mollusca)
Pheidole megacephala (Hymenoptera)
Pulvinaria psidii (Homoptera)
Selenothrips rubrocinctus (Thysanoptera)
Siphanta acuta (Homoptera)
Xiphidopsis lita (Homoptera)
- ANTIRRHINUM:**
Bradybaena similis (Mollusca)
Taeniothrips gracilis (Thysanoptera)
Thrips flavus (Thysanoptera)
- APIUM:**
Cecilioides acicula (Mollusca)
Pyrrhidium sanguineum (Coleoptera)
Trichia hispida (Mollusca)
Udea ferrugalis (Lepidoptera)
- ARACHIS:**
Trogoderma granarium (Coleoptera)
- ARAUCARIA:**
Laspeyresia araucaria (Lepidoptera)
- ARBUTUS:**
Eucheira socialis (Lepidoptera)
- ARMORACIA:**
Baris lepidii (Coleoptera)
- ARTOCARPUS:**
Anaballus amplicollis (Coleoptera)
Aspidiotus palmarum (Homoptera)
- Dacus dorsalis* (Diptera)
- ASPARGUS:**
Bradybaena similis (Mollusca)
Conoderus exsul (Coleoptera)
- ASPASIA:**
Vinsonia stellifera (Homoptera)
- ASTER:**
Haplothrips gowdeyi (Thysanoptera)
- BAMBOO:**
Asterolecanium milaris milaris (Homoptera)
Lyctus africanus (Coleoptera)
Minthea rugicollis (Coleoptera)
Neodoxoplatys saileri (Hemiptera)
Platypus rugulosus (Coleoptera)
- BAMBUSA:**
Asterolecanium bambusae (Homoptera)
A. pseudomiliaris (Homoptera)
- BARRINGTONIA:**
Ectomyelois ceratoniae (Lepidoptera)
- BAUHINIA:**
Protopulvinaria pyriiformis (Homoptera)
- BEAUCARNEA:**
Lepidosaphes carinata (Homoptera)
- BENINCASA:**
Pachybrachius albocinctus (Hemiptera)
- BETA:**
Arion ater (Mollusca)
Gnorimoschema ocellatella (Lepidoptera)
Helix aperta (Mollusca)
H. aspersa (Mollusca)
Lizus juncti (Coleoptera)
Mamestra brassicae (Lepidoptera)
- BETULA:**
Eriophyes leionotus (Acarina)
- BRASSAVOLA:**
Orthalicus undatus (Mollusca)
- BRASSIA:**
Vinsonia stellifera (Homoptera)
- BRASSICA CHINENSIS:**
Mamestra brassicae (Lepidoptera)
- BRASSICA OLERACEA VAR. BOTRYTIS:**
Autographa gamma (Lepidoptera)
Cochlicella ventrosa (Mollusca)
Helix aperta (Mollusca)
Mamestra brassicae (Lepidoptera)
Milax gagates (Mollusca)
Phytomyza rufipes (Diptera)
Pieris brassicae (Lepidoptera)
Theba pisana (Mollusca)
Udea ferrugalis (Lepidoptera)
- BRASSICA OLERACEA VAR. CAPITATA:**
Anacardium aegyptium (Orthoptera)
Arion hortensis (Mollusca)
Evergestis forficata (Lepidoptera)
Helix aperta (Mollusca)
H. aspersa (Mollusca)
Limax marginatus (Mollusca)
Mamestra brassicae (Lepidoptera)
Milax gagates (Mollusca)
Otala lactea (Mollusca)
Oulema melanopa (Coleoptera)
Pieris brassicae (Lepidoptera)
Theba pisana (Mollusca)
Trichia hispida (Mollusca)
Udea ferrugalis (Lepidoptera)
Vaginulus occidentalis (?) (Mollusca)
Vittrina diaphana (Mollusca)
- BRASSICA RAPA:**
Ceutorhynchus pleurostigma (Coleoptera)
- BRASSICA SP.:**
Loxostege bifidialis (Lepidoptera)
- BROMELIAD:**
Acentroptera nevermanni (Coleoptera)
Althos obscurus (Hemiptera)
Ancylotoma stercora (Lepidoptera)
Arion ater (Mollusca)
Arphnus melanotylus (Hemiptera)
Aspidiotus mendax (Homoptera)
A. palmarum (Homoptera)
Atheas nigricornis (Hemiptera)
Chrysomphalus umbriferus (Homoptera)
Cryphula apicata (Hemiptera)
Drymaeus alternans (Mollusca)
D. hegewischi (Mollusca)
Elthea sobrina (Coleoptera)
Erythrochloera tumens (Hemiptera)

Hosts and Insects—Continued

BROMELIAD—Continued

Galgupha punctifer (Hemiptera)
G. quadrisignata (Hemiptera)
Helicina openiana (?) (Mollusca)
H. zephyrina (Mollusca)
Iridomyrmex iniquus (Hymenoptera)
Lamelaxis gracilis (Mollusca)
Limax marginatus (Mollusca)
Mecolaemus carvalhoi (Hemiptera)
Monanthia monotropidia (Hemiptera)
Nasutitermes ephrae (Isoptera)
N. nigriceps (Isoptera)
Oplomus nigripennis pulcher (Hemiptera)
Orthalicus boucardi (Mollusca)
Pachybrachius albocinctus (Hemiptera)
Plagioderia punctigera (Coleoptera)
Pseudoparlatoria turgida (Homoptera)
Termaophylla fulvipes (Hemiptera)
Vaginulus occidentalis (Mollusca)
Zonitoides arboreus (Mollusca)

BROUGHTONIA:

Asterolecanium epidendri (Homoptera)
Vinsonia stellifera (Homoptera)

BUXUS:

Eriophyes canestrinii (Acarina)

CACTUS:

Amitermes wheeleri (Isoptera)
Bulimulus hepatostomus (Mollusca)
Cryphula apicata (Hemiptera)
Gymnococcus agavium (Homoptera)
Lepidosaphes philococcus (Homoptera)
Polygyra richardsoni (Mollusca)
Reticulitermes flavipes (Isoptera)
Sisamnes contractus (Hemiptera)
Yosemitia didactica (Lepidoptera)

CAESALPINIA:

Mimosestes sallaei (Coleoptera)

CAJANUS:

Acanthoscelides armitagei (Coleoptera)
A. griseolus (Coleoptera)
Ancylostoma stercora (Lepidoptera)
Callosobruchus analis (Coleoptera)
Fundella pellucens (Lepidoptera)
Maruca testulalis (Lepidoptera)
Sphenarches caffer (Lepidoptera)
Trogoderma granarium (Coleoptera)

CALADIUM:

Vaginulus occidentalis (?) (Mollusca)

CALLISTEPHUS:

Taeniothrips atratus (Thysanoptera)
T. ericae (Thysanoptera)
Thrips major (Thysanoptera)

CALLUNA:

Aphis callunae (Homoptera)
Lygus rugulipennis (Hemiptera)
Orthotylus ericetorum (Hemiptera)
Rhinocola ericae (Homoptera)
Taeniothrips atratus (Thysanoptera)
T. ericae (Thysanoptera)

CALOCARPUM:

Anastrepha serpentina (Diptera)

CALOTROPIS:

Taeniothrips hawaiiensis (Thysanoptera)

CAMELLIA:

Aleurotrachelus camelliae (Homoptera)
Fiorinia theae (Homoptera)

CANAVALLIA:

Lampides boeticus (Lepidoptera)
Maruca testulalis (Lepidoptera)
Taeniothrips vitticornis (Thysanoptera)

CAPSICUM:

Ceratitis capitata (Diptera)
Ephestia calidella (Lepidoptera)
Gnorimoschema borsaniella (Lepidoptera)
G. gudmannella (Lepidoptera)
Ostrinia nubilalis (Lepidoptera)
Platynota rostrana (Lepidoptera)
Prodenia litura (Lepidoptera)
Sterrhia inquinata (Lepidoptera)

CARICA:

Dacus dorsalis (Diptera)
Toxotrypana curvicauda (Diptera)

CARISSA:

Publinaria psidii (Homoptera)

CASIMIROA:

Anastrepha ludens (Diptera)

CASSIA:

Aganactesis indecora (Lepidoptera)

CASTANEA:

Curculio elephas (Coleoptera)
C. nucum (Coleoptera)
Helix aspersa (Mollusca)
Heterogenea asella (Lepidoptera)
Laspeyresia splendana (Lepidoptera)

CATTLEYA:

Asterolecanium epidendri (Homoptera)
Chrysomphalus umboniferus (Homoptera)
Eurytoma orchidearum (Hymenoptera)
Puto ulter (Homoptera)
Vinsonia stellifera (Homoptera)

CEDRUS:

Cochlicella ventrosa (Mollusca)

CEPHALOCEREUS:

Lepidosaphes philococcus (Homoptera)

CERATONIA:

Ectomyelois ceratoniae (Lepidoptera)

CHAMAEDOREA:

Amnestus uhleri (Hemiptera)
Chrysomphalus sphaeroides (Homoptera)
Helicina zephyrina (Mollusca)
Loxostege similalis (Lepidoptera)
Parisochoenus flavolimbalis (Coleoptera)
Veronicella moreleti (Mollusca)

CHRYSANthemum:

Cleistolophus similis (Coleoptera)
Conotelus mexicanus (Coleoptera)
Frankliniella formosae (Thysanoptera)
F. schultzei (Thysanoptera)
F. williamsi (Thysanoptera)
Haplothrips gowdegi (Thysanoptera)
Lygus lineolaris (Hemiptera)
Nysius tenellus (Hemiptera)
Ostrinia nubilalis (Lepidoptera)
Stephanitis nashi (Hemiptera)
Taeniothrips hawaiiensis (Thysanoptera)
Tetranychus cinnabarinus (Acarina)
Thrips flavus (Thysanoptera)
T. imaginis (Thysanoptera)

CIBOTIUM:

Ceroplastes rubens (Homoptera)

CICER:

Ancylostoma stercora (Lepidoptera)

CICORIUM:

Helicella itala (Mollusca)

CINNAMOMUM:

Trogoderma granarium (Coleoptera)

CITRULLUS:

Heterodermes maculatus (Isoptera)

Jadera rufofusca (Hemiptera)

CITRUS AURANTIFOLIA:

Aleurocanthus woglumi (Homoptera)
Anastrepha ludens (Diptera)
Chrysomphalus personatus (Homoptera)
Morganella longispina (Homoptera)
Paragonatus divergens (Hemiptera)
Parlatoria cinerea (Homoptera)
P. zizyphus (Homoptera)
Pheidole megacephala (Hymenoptera)
Pseudonidia trilobitiformis (Homoptera)
Unaspis citri (Homoptera)
U. yanonensis (Homoptera)
Valtissius diversus (Hemiptera)

CITRUS AURANTIUM:

Anastrepha ludens (Diptera)
Aonidiella citrina (Homoptera)
Chrysomphalus personatus (Homoptera)
Unaspis yanonensis (Homoptera)

CITRUS GRANDIS:

Ceratitis capitata (?) (Diptera)
Morganella longispina (Homoptera)
Parlatoria cinerea (Homoptera)
P. zizyphus (Homoptera)
Unaspis yanonensis (Homoptera)

CITRUS ICHANGENSIS X C. RETICULATA:

Unaspis yanonensis (Homoptera)

CITRUS LIMON:

Ceratitis capitata (Diptera)

Chrysomphalus personatus (Homoptera)

Ectomyelois ceratoniae (Lepidoptera)

Parlatoria cinerea (Homoptera)

P. citri (Homoptera)

P. zizyphus (Homoptera)

Hosts and Insects—Continued

CITRUS LIMON—Continued

- Pseudonidia trilobitiformis* (Homoptera)
- Pseudococcus gahani* (Homoptera)
- Unaspis citri* (Homoptera)
- U. yanonenis* (Homoptera)

CITRUS MITIS:

- Unaspis yanonenis* (Homoptera)

CITRUS PARADISI:

- Anastrepha ludens* (Diptera)
- Aonidiella comperei* (Homoptera)
- Ceratitis capitata* (Diptera)
- Chrysomphalus personatus* (Homoptera)
- Ectomyelois ceratoniae* (Lepidoptera)
- Morganella longispina* (Homoptera)
- Parlatoria cinerea* (Homoptera)
- P. zizyphus* (Homoptera)
- Pseudonidia trilobitiformis* (Homoptera)
- Unaspis citri* (Homoptera)
- U. yanonenis* (Homoptera)

CITRUS PARADISI X C. RETICULATA:

- Unaspis yanonenis* (Homoptera)

CITRUS RETICULATA:

- Aonidiella citrina* (Homoptera)
- Ceratitis capitata* (Diptera)
- Heliz aspersa* (Mollusca)
- Parlatoria cinerea* (Homoptera)
- P. citri* (Homoptera)
- P. zizyphus* (Homoptera)
- Unaspis citri* (Homoptera)
- U. yanonenis* (Homoptera)

CITRUS RETICULATA HYBRID:

- Unaspis yanonenis* (Homoptera)

CITRUS SINENSIS:

- Aleurocanthus woglumi* (Homoptera)
- Anastrepha ludens* (Diptera)
- A. mombinpraeoptans* (Diptera)
- Aonidiella citrina* (Homoptera)
- Brevipalpus obovatus* (Acarina)
- Ceratitis capitata* (Diptera)
- Chrysomphalus personatus* (Homoptera)
- Cryptoblabes gnidiella* (Lepidoptera)
- Cryptophlebia leucotreta* (Lepidoptera)
- Ctenoglyphus plumiger* (Acarina)
- Dialeurodes trifolii* (Homoptera)
- Ectomyelois ceratoniae* (Lepidoptera)
- Gymnandrosoma aurantianum* (Lepidoptera)
- Morganella longispina* (Homoptera)
- Parlatoria cinerea* (Homoptera)
- P. citri* (Homoptera)
- P. zizyphus* (Homoptera)
- Pseudococcus citriculus* (Homoptera)
- P. gahani* (Homoptera)
- Tetraneurodes aucubae* (Homoptera)
- Unaspis citri* (Homoptera)
- U. yanonenis* (Homoptera)

CITRUS SP.:

- Aleurocanthus citriperdus* (Homoptera)
- A. woglumi* (Homoptera)
- Coccus viridis* (Homoptera)
- Parlatoria zizyphus* (Homoptera)
- Trialeurodes variabilis* (Homoptera)
- T. vitrinellus* (Homoptera)
- Unaspis citri* (Homoptera)
- U. yanonenis* (Homoptera)

CLEMATIS:

- Helicella trochoides* (Mollusca)

CLUSIA:

- Pulvinaria psidii* (Homoptera)

COCOS:

- Agonozena pyrogramma* (Lepidoptera)
- Aonidiella inornata* (Homoptera)
- Aspidiotus destructor* (Homoptera)
- A. excisus* (Homoptera)
- A. palmarum* (Homoptera)
- Chrysomphalus personatus* (Homoptera)
- Dioctandra taitensis* (Coleoptera)
- Furcaspis oceanica* (Homoptera)
- Lepidosaphes esaki* (Homoptera)
- Pheidole megacephala* (Hymenoptera)
- Pseudococcus palmarum* (Homoptera)

CODIAEUM:

- Achaea janata* (Lepidoptera)
- Lepidosaphes tokionis* (Homoptera)
- Parlatoria crotonis* (Homoptera)

COFFEA:

- Campylenchia hastata* (Homoptera)

Ceratitis capitata (Diptera)

C. colae (Diptera)

Coccus alpinus (Homoptera)

C. viridis (Homoptera)

Cryptophlebia leucotreta (Lepidoptera)

Leucoptera coffeella (Lepidoptera)

Stephanoderes hampei (Coleoptera)

COLA:

"Lecanium" catori (tentative) (Homoptera)

COLOCASIA:

Limax marginatus (Mollusca)

Orychilus alliarius (Mollusca)

Ozophora quinqueaculata (Hemiptera)

Pentalonia nigronervosa (Homoptera)

Pheidole megacephala (Hymenoptera)

CONVALLARIA:

Taeniothrips picipes (Thysanoptera)

CORDYLINE:

Geotomus pygmaeus (Hemiptera)

Pinnaspis buxi (Homoptera)

Pseudococcus boninensis (Homoptera)

Selenothrips rubrocinctus (Thysanoptera)

CORYLUS:

Curculio nucum (Coleoptera)

COTINUS:

Helicella itala (Mollusca)

Trichia striolata (Mollusca)

CRATAEGUS:

Psylla melanoneura (?) (Homoptera)

CUCUMIS:

Apomecyna saltator (Coleoptera)

Diaphania indica (Lepidoptera)

Melanaethus planifrons (Hemiptera)

CUCURBITA:

Conotelus mexicanus (Coleoptera)

Udea ferrugalis (Lepidoptera)

CUMINUM:

Trogoderma granarium (Coleoptera)

CUPRESSUS:

Diaspis minima (Homoptera)

CURCUMA:

Trogoderma granarium (Coleoptera)

CYAMOPSIS:

Trogoderma granarium (Coleoptera)

CYCAS:

Aonidiella inornata (Homoptera)

Aspidiotus palmarum (Homoptera)

CYCLAMEN:

Frankliniella formosae (Thysanoptera)

CYCNOCHES:

Iridomyrmex iniquus (Hymenoptera)

CYDONIA:

Anastrepha ludens (Diptera)

Ceratitis capitata (Diptera)

Chrysomphalus odontoglossi (Homoptera)

Ectomyelois ceratoniae (Lepidoptera)

Grapholitha packardii (Lepidoptera)

CYMBIDIUM:

Lepidosaphes tuberculata (Homoptera)

CYMBOPOGON:

"Targionia" sacchari (Homoptera)

CYNARA:

Anuraphis apitiifolia (Homoptera)

Gortyna flavago (Lepidoptera)

CYTISUS:

Agonopterix costosa (Lepidoptera)

Bruchidius lividimanus (Coleoptera)

DALBERGIA:

Nasutitermes corniger (Isoptera)

Sinozydon anale (Coleoptera)

S. conigerum (Coleoptera)

DAPHNE:

Lecanium persicae (tentative) (Homoptera)

DENDROBIUM:

Chrysomphalus nulliporus (Homoptera)

DIACHAEA:

Chrysomphalus umboniferus (Homoptera)

DIANTHUS:

Cacoecimorpha pronubana (Lepidoptera)

Frankliniella formosae (Thysanoptera)

F. intonsa (Thysanoptera)

F. schultzei (Thysanoptera)

Haplothrips cotlei (Thysanoptera)

Heliothis armigera (Lepidoptera)

Taeniothrips atratus (Thysanoptera)

T. discolor (tentative) (Thysanoptera)

Hosts and Insects—Continued

DIANTHUS—Continued

- T. hawaiiensis* (Thysanoptera)
- Tetranychus cinnabarinus* (Acarina)
- Thrips flavus* (Thysanoptera)
- T. major* (Thysanoptera)
- Trichia striolata* (Mollusca)

DIGITARIA:

- Antonina graminis* (Homoptera)

DIOSCOREA:

- "*Targionia*" *hartii* (Homoptera)

DIOSPYROS:

- Ceratitis capitata* (Diptera)
- Lepidosaphes conchiformoides* (Homoptera)

DISPORUM:

- Frankliniella formosae* (Thysanoptera)

DOLICHOS:

- Maruca testulalis* (Lepidoptera)

DRACAENA:

- Chrysomphalus nigropunctulatus* (tentative) (Homoptera)
- Lepidosaphes celtis* (Homoptera)
- Pheidole megacephala* (Hymenoptera)
- Pinnaspis buxi* (Homoptera)

DUDLEYA:

- Micrarionta stearnsiana* (Mollusca)
- Targionia yuccarum* (Homoptera)

ECHINODORUS:

- Aleurodicus iridescens* (Homoptera)
- Limax marginatus* (Mollusca)

ENCEPHALARTOS:

- Cecilioides aperta* (?) (Mollusca)

EPIDENDRUM:

- Asterolecanium epidendri* (Homoptera)
- Orthalicus undatus* (Mollusca)
- Puto mexicanus* (Homoptera)
- Vinsonia stellifera* (Homoptera)

EPIGAEA:

- Aulacaspis ericacearum* (tentative) (Homoptera)

ERICA:

- Trichia hispida* (Mollusca)

ERIOBOTRYA:

- Ceratitis capitata* (Diptera)

EUGENIA:

- Anastrepha mombinpraeoptans* (Diptera)
- Dacus dorsalis* (?) (Diptera)
- Selenothrips rubrocinctus* (Thysanoptera)

EUPHORBIA:

- Asterolecanium euphorbiae* (Homoptera)

FAGUS:

- Adelphocoris lineolatus* (Hemiptera)

FICUS:

- Ceratitis capitata* (Diptera)
- Ectomyelois ceratoniae* (Lepidoptera)
- Goniogaster varicolor* (Hymenoptera)
- Helicella pyramidata* (Mollusca)
- Lepidosaphes ficus* (Homoptera)
- Pheidole megacephala* (Hymenoptera)
- Pseudischinaspis boureyi* (Homoptera)

FOENICULUM:

- Anuraphis apiifolia* (Homoptera)
- Systole albipennis* (Hymenoptera)

FRAGARIA:

- Aleyrodes lonicerae* (Homoptera)
- Arianta arbustorum* (Mollusca)
- Ceratoma atrofasciata* (Coleoptera)
- Membracis mexicana* (Homoptera)
- "*Microporus*" *nigrinus* (Hemiptera)
- Peritrichus sylvestris* (Hemiptera)
- Philaenus leucophthalmus* (Homoptera)
- Rhyparochromus immaculatus* (Hemiptera)
- Stygnocoris fuliginosus* (Hemiptera)

GARCINIA:

- Akermes andersoni* (Homoptera)
- Selenothrips rubrocinctus* (Thysanoptera)

GARDENIA:

- Coccus viridis* (Homoptera)
- Conotelus mexicanus* (Coleoptera)
- Dialeurodes kirkaldyi* (Homoptera)
- Eucalymaus tessellatus* (Homoptera)
- Frankliniella formosae* (Thysanoptera)
- Nysius coenosulus* (Hemiptera)
- Orthesia pseudinignis* (Homoptera)
- Pealius hibisci* (Homoptera)
- Protopulvinaria longivalvata* (Homoptera)
- P. pyriformis* (Homoptera)
- Pseudococcus ferrisi* (Homoptera)

- Pulvinaria psidii* (Homoptera)
- Taeniothrips hawaiiensis* (Thysanoptera)
- Thrips flavus* (Thysanoptera)

GENTIANA:

- Stenoptilia stigmatodactyla* (Lepidoptera)
- Taeniothrips picipes* (Thysanoptera)

GLADIOLUS:

- Frankliniella intonsa* (Thysanoptera)
- Macroscytus brunneus* (Hemiptera)
- Prodenia litura* (Lepidoptera)

GLYCINE:

- Trogoderma granarium* (Coleoptera)

GLYCYRRHIZA:

- Bostrichus capucinus* (Coleoptera)
- Lyctus africanus* (Coleoptera)

GONGORA:

- Vinsonia stellifera* (Homoptera)

GOSSYPIUM:

- Ozycaenus hyalinipennis* (Hemiptera)
- Pectinophora gossypiella* (Lepidoptera)

GRAMINEAE:

- Metopoplax ditomoides* (Hemiptera)

HEDERA:

- Foucasia ovata* (Homoptera)

HELICHRYSUM:

- Haplothrips gowdeyi* (Thysanoptera)

HIBISCUS:

- Earias insulana* (Lepidoptera)
- Haplothrips gowdeyi* (Thysanoptera)
- Pectinophora gossypiella* (Lepidoptera)
- Taeniothrips hawaiiensis* (Thysanoptera)

ILEX:

- Rhopobota naevana* (Lepidoptera)

IMPATIENS:

- Helicella caperata* (Mollusca)

IPOMOEAE:

- Cylas formicarius* var. (Coleoptera)
- C. formicarius elegantulus* (Coleoptera)
- C. puncticolis* (Coleoptera)
- Euscapes postfasciatus* (Coleoptera)

IPOMOEAE (?):

- Megacerus alternatus* (Coleoptera)

IRIS:

- Iridothrips iridis* (Thysanoptera)
- Limothrips denticornis* (Thysanoptera)

ISOTOMA:

- Pentalonia nigronervosa* (Homoptera)

IXORA:

- Coccus viridis* (Homoptera)
- Pulvinaria psidii* (Homoptera)

JACARANDA:

- Coptotermes testaceus* (Isoptera)

JASMINUM:

- Dialeurodes kirkaldyi* (Homoptera)
- Palpita unionalis* (Lepidoptera)
- Parlatoria cinerea* (Homoptera)

JUGLANS:

- Ectomyelois ceratoniae* (Lepidoptera)

JUNIPERUS:

- Diaspis juniperi* (Homoptera)
- Limax marginatus* (Mollusca)
- Oligonychus perditus* (Acarina)
- Pentamerismus oregonensis* (Acarina)

KALANCHOE:

- Siphanta acuta* (Homoptera)

KENTIA:

- Aspidiotus destructor* (Homoptera)
- A. palmarum* (Homoptera)

LACTUCA:

- Anuraphis cardui* (Homoptera)
- Arion hortensis* (Mollusca)
- Autographa gamma* (Lepidoptera)
- Helicella itala* (Mollusca)
- Helix aspersa* (Mollusca)
- Limax marginatus* (Mollusca)
- Manisra brassicae* (Lepidoptera)
- Poecilozonites circumscriptus* (Mollusca)
- Theba pisana* (Mollusca)
- Thrips angusticeps* (Thysanoptera)

LAGERSTROEMIA:

- Pulvinaria psidii* (Homoptera)

LATHYRUS:

- Bruchus signaticornis* (Coleoptera)
- B. tristis* (Coleoptera)
- Conotelus mexicanus* (Coleoptera)

Hosts and Insects—Continued

- LATHYRUS**—Continued
Taeniothrips atratus (Thysanoptera)
- LAURUS**:
Aleurothrixus myrtacei (Homoptera)
Chrysomphalus paullist (tentative) (Homoptera)
Helicella conspurcata (Mollusca)
- LENS**:
Acanthoscelides griseolus (Coleoptera)
Bruchus ervi (Coleoptera)
B. lentis (Coleoptera)
B. signaticornis (Coleoptera)
- LEUCAENA**:
Araecerus leipennis (Coleoptera)
- LIGUSTRUM**:
Spanioneura fonscolombei (Homoptera)
- LILIAEAE**:
Trichia hispida (Mollusca)
- LILIUM**:
Otala vermiculata (Mollusca)
- LITOEI**:
Frankliniella formosae (Thysanoptera)
Planococcus dorsopinosus (Homoptera)
Pulvinaria psidii (Homoptera)
- LUPINUS**:
Bruchus tristis (Coleoptera)
- LYCASTE**:
Vinsonia stellifera (Homoptera)
- LYCOPERSICON**:
Gnorimoschema gudmannella (Lepidoptera)
Hemitrochus androsi (Mollusca)
Ligyrocoris aurivilliana (Hemiptera)
Neoleucinodes elegantalis (Lepidoptera)
Plectia plagiata (Diptera)
- LYCORIS**:
Taeniothrips gracilis (Thysanoptera)
- MACROZAMIA**:
Tranes internatus (Coleoptera)
- MALUS**:
Argyresthia conjugella (Lepidoptera)
Arion hortensis (Mollusca)
Blastodaena atra (Lepidoptera)
Carposina niponensis (Lepidoptera)
Ceratitidis capitata (Diptera)
Glycyphagus michaeli (Acarina)
Grapholitha janthiana (Lepidoptera)
Leucoptera scitella (Lepidoptera)
Ostrinia nubilalis (Lepidoptera)
Tetranychus viennensis (Acarina)
Trichia hispida (Mollusca)
- MALVAVISCUS**:
Lepidosaphes crotonis (Homoptera)
- MANGIFERA**:
Adoretus sinicus (Coleoptera)
Anastrepha ludens (Diptera)
A. mombinpraepotans (Diptera)
Aulacaspis tubercularis (Homoptera)
Chrysomphalus personatus (Homoptera)
Dacus dorsalis (Diptera)
Lepidosaphes tubulorum (Homoptera)
Pseudonidia trilobitiformis (Homoptera)
Pseudoschnaspis longissima (Homoptera)
Sternochetus mangiferae (Coleoptera)
- MANIHOT**:
Heterotermes convezinotatus (Isoptera)
- MARANTA**:
Aspidiotus destructor (Homoptera)
- MENTHA**:
Corythaica carinata (Hemiptera)
Psylla pyri (Homoptera)
Teleonemia scrupulosa (Hemiptera)
- MIMOSA**:
Gomocerus insidiator (Hemiptera)
- MIRABILIS**:
Cochlicella barbara (Mollusca)
Helicella maritima (Mollusca)
H. variabilis (Mollusca)
Hygromia cinctella (Mollusca)
- MOLUCELLA**:
Haplothrips gowdeyi (Thysanoptera)
- MONTANO**:
Corythucha mcelfreshi (Hemiptera)
- MURRAYA**:
Dacus dorsalis (Diptera)
- MUSA**:
Bulimulus unicolor (Mollusca)
- Cosmopolites sordidus* (Coleoptera)
Dacus dorsalis (Diptera)
Epilachna borealis var. (Coleoptera)
Metamasius hemipterus sericeus (Coleoptera)
Nasutitermes dendrophilus (Isoptera)
Opogona sacchari (Lepidoptera)
Orthalicus obductus (Mollusca)
Pentalonia nigronervosa (Homoptera)
Pheidole megacephala (Hymenoptera)
Platoeceticus symmicta (Lepidoptera)
Polygyra matermontana (Mollusca)
Porphyrobaphis iostoma (Mollusca)
Purgocorypha sallei (Orthoptera)
Veronicella moreleti (Mollusca)
- MUSCARI**:
Theba pisana (Mollusca)
- MYROTHAMNUS**:
Sculptaria reticulata (Mollusca)
- MYRTILLOCACTUS**:
Opuntiaspis philococcus (Homoptera)
- NARCISSUS**:
Stenotarsonemus laticeps (Acarina)
Taeniothrips gracilis (Thysanoptera)
T. hawaiiensis (Thysanoptera)
- NEOMOOREA**:
Pinnaspis buxi (Homoptera)
- NERINE**:
Haplothrips gowdeyi (Thysanoptera)
- NERIUM**:
Poecilozonites circumfirmatus (Mollusca)
- NOLINA**:
Pseudodiaspis yuccae (Homoptera)
- ODONTOGLOSSUM**:
Asterolecanium epidendri (Homoptera)
- OLEA**:
Dacus oleae (Diptera)
Euphyllura olivina (Homoptera)
Phloeotribus scarabaeoides (Coleoptera)
Prays oleellus (Lepidoptera)
- ONCIDIUM**:
Asterolecanium epidendri (Homoptera)
Capaneus tetricus (Hemiptera)
Pseudoparlaria oreatata (Homoptera)
Tenthecoris vestitus (Hemiptera)
Vinsonia stellifera (Homoptera)
- ONOBRYCHIS**:
Helicella striata (Mollusca)
H. variabilis (Mollusca)
Monacha carthusiana (Mollusca)
- OPERCULINA**:
Dendrothripoides ipomeae (Thysanoptera)
Xystrocerus globosa (Coleoptera)
- OPUNTIA**:
Ceratitidis capitata (Diptera)
Helicella striata (Mollusca)
- ORANIA**:
Morganella longispina (Homoptera)
- ORBIGNYA**:
Asterolecanium simile (Homoptera)
Heterotermes convezinotatus (Isoptera)
- ORCHID**:
Adoretus sinicus (Coleoptera)
Aeolus pictus (Coleoptera)
Antilocoris punctatus (Hemiptera)
Antiteuchus panamensis (Hemiptera)
Asterolecanium epidendri (Homoptera)
Bathydema socia (Hemiptera)
Capaneus tetricus (Hemiptera)
Cecilioides acicula (Mollusca)
Chondropoma picta (?) (Mollusca)
Chrysomphalus umboniferus (Homoptera)
Conchaspis orchidarum (Homoptera)
Cryphula apicata (Hemiptera)
Dendrocoris variegatus (Hemiptera)
Drymaeus alternans (Mollusca)
D. cuernnabensis (Mollusca)
D. heyneimanni (Mollusca)
D. multilineatus (Mollusca)
D. rudis (Mollusca)
Eucalymnatus tessellatus (Homoptera)
Eurytoma orchidearum (Hymenoptera)
Eustrophinus marginatus (Coleoptera)
Exopochioma albomaculata (Hemiptera)
E. confusa (Hemiptera)
Frankliniella williamsi (Thysanoptera)

Hosts and Insects—Continued

ORCHID—Continued

- Galgupha quadrisignata* (Hemiptera)
Genaparlatoria pseudospidotus (Homoptera)
Haplothrips gowdeyi (Thysanoptera)
Helicina durangoana (?) (Mollusca)
H. neritella (Mollusca)
H. substriata (Mollusca)
Helix aspersa (Mollusca)
Hemitrochus androsi (Mollusca)
H. streator (Mollusca)
Heterotermes convezinotatus (Isoptera)
Iridomyrmex iniquus (Hymenoptera)
I. pilifer (Hymenoptera)
Jadera sanguinolenta (Hemiptera)
Jenneretia multistriata (Mollusca)
Lamellaris gracilis (Mollusca)
L. micra (Mollusca)
Largus affinis (?) (Hemiptera)
Limax marginatus (Mollusca)
Malacorhinus foveipennis (Coleoptera)
Monomorium destructor (Hymenoptera)
Mormidea pavidiventris (Hemiptera)
Mydodocha longicollis (Hemiptera)
Nasutitermes corniger (Isoptera)
N. ephratae (Isoptera)
N. nigricipes (Isoptera)
N. rippertii (Isoptera)
Neolobophora inopinata (Dermaptera)
Nesocia nigrispina (Orthoptera)
Ogdocoesta guttifera (Coleoptera)
Opeas pyrgula (Mollusca)
Opogona sacchari (Lepidoptera)
Orthalicus decolor (Mollusca)
O. pulchellus protoglyptus (Mollusca)
O. undatus (Mollusca)
Pachybrachius intermedius (Hemiptera)
Parocanthus annulatus (Orthoptera)
Pheidole megacephala (Hymenoptera)
Pinnaspis buxi (Homoptera)
Polygyra bahamensis (Mollusca)
Praticolella ampla (Mollusca)
Pseudischinaspis alienus (Homoptera)
P. boureyi (Homoptera)
Pseudoparlatoria ostreata (Homoptera)
Pseudophasma cyllarus (Phasmatodea)
Puto mexicanus (Homoptera)
P. ulter (Homoptera)
Radiodiscus proameri (Mollusca)
Reticulitermes flavipes (Isoptera)
Schasicheila bahamensis (Mollusca)
Stereotydeus mexicanus (Acarina)
Subulina octona (Mollusca)
Tenhecoris angustimarginatus (Hemiptera)
T. confusus (Hemiptera)
T. distinctus (Hemiptera)
T. eritiosus (Hemiptera)
T. venezuelensis (Hemiptera)
Terastris meticulousalis (Lepidoptera)
Vaginulus occidentalis (Mollusca)
Valtissius diversus (Hemiptera)
Vilga dissimilis (Hemiptera)
V. divarigata (Hemiptera)
Vinsonia stellifera (Homoptera)
Zonitoides arboreus (Mollusca)
Zygospila bigenera (Coleoptera)
- ORINTHOALUM:**
Blissus diploperus (Hemiptera)
Diaphone eumela (Lepidoptera)
Epichorista ionephela (Lepidoptera)
Haplothrips gowdeyi (Thysanoptera)
Oryzaenus hyalinipennis (Hemiptera)
- ORYZA:**
Chilo suppressalis (Lepidoptera)
Frankliniella formosae (Thysanoptera)
Taeniothrips hawaiiensis (Thysanoptera)
Trogoderma granarium (Coleoptera)
- PACHYCEREUS:**
Lepidosaphes philococcus (Homoptera)
- PALM:**
Helix aspersa (Mollusca)
Neocyclus dysoni cooki (Mollusca)
Pheidole megacephala (Hymenoptera)
Rumina decollata (Mollusca)
Zonitoides arboreus (Mollusca)

PANDANUS:

- Ceratitis capitata* (?) (Diptera)
Frankliniella formosae (Thysanoptera)
Suidasia medanensis (Acarina)
- PASPALUM:**
Tetraleurodes graminis (Homoptera)
- PELARGONIUM:**
Helix aspersa (Mollusca)
Pseudoparlatoria ostreata (Homoptera)
Udea ferrugalis (Lepidoptera)
- PEPEROMIA:**
Limax marginatus (Mollusca)
Protopulvinaria longivalvata (Homoptera)
- PERSEA:**
Conotrachelus aguacatae (Coleoptera)
C. perseae (Coleoptera)
Stenomacra catenifer (Lepidoptera)
Trialeurodes similis (Homoptera)
Trioxa amepes (Homoptera)
- PETROSELINUM:**
Peritrechus nubilus (Hemiptera)
Plinthius brevipennis (Hemiptera)
Taeniothrips atratus (Thysanoptera)
Theba pisana (Mollusca)
- PHAIUS:**
Siphanta acuta (Homoptera)
- PHASEOLUS:**
Acanthoscelides armitagei (Coleoptera)
A. griseolus (Coleoptera)
Ancylostomia stercora (Lepidoptera)
Apion griseum (Coleoptera)
Callosobruchus analis (Coleoptera)
Cryptophlebia ombrodella (Lepidoptera)
Epinotia aporema (Lepidoptera)
Everes comyntas (Lepidoptera)
Fundella pellucens (Lepidoptera)
Maruca testalis (Lepidoptera)
Matsumuraeas phascoli (Lepidoptera)
Ostrinia nubilalis (Lepidoptera)
Tetranychus cinnabarinus (Acarina)
Trogoderma granarium (Coleoptera)
- PHILADELPHUS:**
Lecanium corni (Homoptera)
- PHILODENDRON:**
Chrysomphalus tenax (Homoptera)
C. umboniferus (Homoptera)
Coryda nemoraloides (Mollusca)
Exptochimera formosa (Hemiptera)
Vaginulus occidentalis (Mollusca)
- PHRAGMITES:**
Nipponaclera biwakoensis (Homoptera)
Scleroconia acutellus (Lepidoptera)
- PHYSALIS:**
Platynota rostrana (Lepidoptera)
- PICEA:**
Megastigmus strobilobius (Hymenoptera)
- PINUS:**
Dichocrocis punctiferalis (Lepidoptera)
Heterotermes convezinotatus (Isoptera)
Leucaspis pusilla (Homoptera)
Petrora cristata (Lepidoptera)
Rhyacionia buoliana (Lepidoptera)
- PISTACIA:**
Megastigmus pistaciae (Hymenoptera)
Schneidereria pistaciella (Lepidoptera)
- PISUM:**
Acanthoscelides armitagei (Coleoptera)
A. griseolus (Coleoptera)
Ancylostomia stercora (Lepidoptera)
Everes comyntas (Lepidoptera)
Fundella pellucens (Lepidoptera)
Lampides boeticus (Lepidoptera)
Laspeyresia nigricana (Lepidoptera)
Trogoderma granarium (Coleoptera)
- PITHECELLOBIUM:**
Cryptophlebia ombrodella (Lepidoptera)
- PLEUROTHALIS:**
Platynota rostrana (Lepidoptera)
- PLUMERIA:**
Coccus viridis (Homoptera)
Conotelus mexicanus (Coleoptera)
Spodoptera mauritia acronyctoides (Lepidoptera)
Taeniothrips hawaiiensis (Thysanoptera)
- POLIANTHES:**
Coccus viridis (Homoptera)

Hosts and Insects—Continued

POLIANTHES—Continued

Haplothrips gowdeyi (Thysanoptera)

POLYPODIUM:

Ceroplastes rubens (Homoptera)

PORTULACA:

Haplothrips clarisetis (?) (Thysanoptera)

PRIMULA:

Trichia striolata (Mollusca)

PROSOPIS:

Ofatulena duodecimstriata (Lepidoptera)

PROTEA:

Homothrips distinctus (Thysanoptera)

Selenaspis silvaticus (Homoptera)

PRUNUS AMYGDALUS:

Ectomyelois ceratoniae (Lepidoptera)

PRUNUS ARMENIACA:

Blissus diplopterus (Hemiptera)

PRUNUS DOMESTICA:

Aspidiotus destructor (Homoptera)

Ceratitis capitata (Diptera)

Grapholitha funebrana (Lepidoptera)

PRUNUS PERSICA:

Ceratitis capitata (Diptera)

Clytiana ambigua (Lepidoptera)

PRUNUS PERSICA VAR. NECTARINA:

Ceratitis capitata (Diptera)

Loxostege amitina (Lepidoptera)

PRUNUS SP. (cherry):

Rhagoletis cerasi (Diptera)

PRUNUS SP.:

Alsophila membranaria (Lepidoptera)

Kuwanina parva (Homoptera)

PSIDIUM:

Anastrepha mombinpraeoptans (Diptera)

A. suspensa (Diptera)

Argyresthia eugeniella (Lepidoptera)

Ceratitis capitata (Diptera)

Dacus dorsalis (Diptera)

Pseudococcus lilacinus (Homoptera)

PUNICA:

Cacoecimorpha pronubana (Lepidoptera)

Ceratitis capitata (Diptera)

Cryptoblabes gnidiella (Lepidoptera)

Ectomyelois ceratoniae (Lepidoptera)

Forficula aetolica (Dermaptera)

Oryctes hyalinipennis (Hemiptera)

PYRUS:

Anastrepha ludens (Diptera)

Carposina niponensis (Lepidoptera)

Ceratitis capitata (Diptera)

Ectomyelois ceratoniae (Lepidoptera)

QUERCUS:

Curculio elephas (Coleoptera)

RAPHANUS:

Phytomyza rufipes (Diptera)

RHIZOPHORA:

Trogoderma granarium (Coleoptera)

RHODODENDRON:

Arge similis (Hymenoptera)

Dialeurodes chittendeni (Homoptera)

Drosicha howardi (tentative) (Homoptera)

Gracilaria azaleella (Lepidoptera)

Lygus rugulipennis (Hemiptera)

Phenacoccus rotundus (tentative) (Homoptera)

Taeniothrips picipes (Thysanoptera)

RIBES:

Lecanium corni (Homoptera)

ROSA:

Acronicta psi (Lepidoptera)

Ardis sulcata (Hymenoptera)

Arge ochropa (Hymenoptera)

Calocoris hispanicus (Hemiptera)

Cladius pectinicornis (Hymenoptera)

Frankliniella formosae (Thysanoptera)

F. intonsa (Thysanoptera)

F. sulphurea (Thysanoptera)

Helicella maritima (Mollusca)

H. striata (Mollusca)

Limax flavus (Mollusca)

Myzaphis turanica (Homoptera)

Myzus ascalonicus (Homoptera)

Papillifera cinera (Mollusca)

Taeniothrips atratus (Thysanoptera)

Theba pisana (Mollusca)

Thrips flavus (Thysanoptera)

T. major (Thysanoptera)

Trichia hispida (Mollusca)

ROSACEAE:

Ceratitis capitata (Diptera)

ROSMARINUS:

Helix aperta (Mollusca)

Theba pisana (Mollusca)

RUBUS:

Asterobemisia carpini (Homoptera)

Retinella hammonis (Mollusca)

SACCHARUM:

Chilo loftini (Lepidoptera)

Diatraea magnifactella (Lepidoptera)

Opogona sacchari (Lepidoptera)

"*Targionia*" *sacchari* (Homoptera)

Trionymus sacchari (Homoptera)

SAINTPAULIA:

Zonitoides arboreus (Mollusca)

SAMANEA:

Cryptophlebia ombrodella (Lepidoptera)

Pheidole megacephala (Hymenoptera)

SCHINUS:

Coccus viridis (Homoptera)

SELAGINELLA:

Drymaeus hepatostomus (?) (Mollusca)

SESBANIA:

Acanthoscelides griseolus (Coleoptera)

Lampides boeticus (Lepidoptera)

Maruca testulalis (Lepidoptera)

Taeniothrips hawaiiensis (Thysanoptera)

SOBRALIA:

Chrysomphalus umboniferus (Homoptera)

SOIL:

Arianta arbustorum (Mollusca)

Arion circumscriptus (Mollusca)

A. hortensis (Mollusca)

Capillifera plebeia (Mollusca)

Ceciloides acicula (Mollusca)

Cladius pectinicornis (Hymenoptera)

Cochlicella barbara (Mollusca)

C. ventrosa (Mollusca)

Frankliniella intonsa (Thysanoptera)

Helicella candidula (Mollusca)

H. conspurcata (Mollusca)

H. striata (Mollusca)

Lamellaris gracilis (Mollusca)

Leucaspis pusilla (Homoptera)

Macrodera microptenum (Hemiptera)

Oreatus crataegarius (Homoptera)

Papillifera papillaris (Mollusca)

Pheidole megacephala (Hymenoptera)

Poecilozonites bermudensis (?) (Mollusca)

P. circumfirmatus (Mollusca)

Radiodiscus proameri (Mollusca)

Rumina decollata (Mollusca)

Subulina octona (Mollusca)

Thrips flavus (Thysanoptera)

Trichia hispida (Mollusca)

Zonitoides arboreus (Mollusca)

SOLANUM MELONGENA:

Ezptochioma confusa (Hemiptera)

Leucinodes orbonalis (Lepidoptera)

Neoleucinodes elegantalis (Lepidoptera)

SOLANUM QUITOENSE:

Neoleucinodes elegantalis (Lepidoptera)

SOLANUM TUBEROSUM:

Gnorimoschema plausiosoma (Lepidoptera)

Theba pisana (Mollusca)

SORBUS:

Argyresthia conjugella (Lepidoptera)

Cenopalpus pulcher (Acarina)

Ceratitis capitata (Diptera)

Opisthopterus luteolatus (Lepidoptera)

SORGHUM:

Ostrinia nubilalis (Lepidoptera)

Sesamia cretica (Lepidoptera)

S. nonagriodes (Lepidoptera)

SPATHIPHYLLUM:

Pinnaspis buxi (Homoptera)

SPINACIA:

Conotelus mexicanus (Coleoptera)

SPONDIAS:

Anastrepha mombinpraeoptans (Diptera)

Aspidiotus diffinis (Homoptera)

A. herculeanus (Homoptera)

Chrysomphalus calurus (Homoptera)

Hosts and Insects—Continued

STIPA:

- Helicella pyramidata* (Mollusca)
H. striata (Mollusca)
Limothrips consimilis (Thysanoptera)

STRELITZIA:

- Pheidole megacephala* (Hymenoptera)

STRONGYLODON:

- Maruca testulalis* (Lepidoptera)
Pentalonia nigronervosa (Homoptera)
Pheidole megacephala (Hymenoptera)

SYRINGA:

- Adoxophyes reticulana* (Lepidoptera)
Rhynchaenus populi (Coleoptera)

TAMARINDUS:

- Caryedon gonagra* (Coleoptera)
Ectomyelois ceratoniae (Lepidoptera)

TERMINALIA:

- Anastrepha mombinpraeoptans* (Diptera)
Aspidiotus destructor (Homoptera)
Ceratitis capitata (Diptera)
Dacus dorsalis (Diptera)
Trogoderma granarium (Coleoptera)

THEOBROMA:

- Rhipiphorothrips pulchellus* (Thysanoptera)
Selenothrips rubrocinctus (Thysanoptera)

THUJA:

- Diaspis juniperi* (Homoptera)

THYMUS:

- Helicella maritima* (Mollusca)

TILLANDSIA:

- Ozophora consanguineus* (Hemiptera)

TRICHOPIILIA:

- Aspidiotus palmarum* (Homoptera)

TRIPHASIA:

- Coccus viridis* (Homoptera)

TRITICUM:

- Eurygaster integriceps* (Hemiptera)
Forficula decipiens (Dermaptera)
Trogoderma granarium (Coleoptera)

TROPAEOLUM:

- Trichia hispida* (Mollusca)

TULIPA:

- Monomorium destructor* (Hymenoptera)
Phila febrilis (Diptera)

VANDA:

- Conotelus mexicanus* (Coleoptera)
Dichromothrips corbelli (Thysanoptera)
Epitranus laclepennisi (Hymenoptera);
Genaparlatoria pseudaspidiotus (Homoptera)
Nysius kingbergi (Hemiptera)
Plusia chalcites (Lepidoptera)
Taeniothrips hawaiiensis (Thysanoptera)

VICIA:

- Bruchus dentipes* (Coleoptera)
B. signaticornis (Coleoptera)
Helicella pyramidata (Mollusca)

VIGNA:

- Fundella pellucens* (Lepidoptera)

VIOLA:

- Myzus ascalonicus* (Homoptera)

VITIS:

- Ceratitis capitata* (Diptera)
Clysiana ambiguella (Lepidoptera)
Cryptoblabes gnidiella (Lepidoptera)
Dichelops furcatus (Hemiptera)
Lobesia botrana (Lepidoptera)
Sciocoris fuscosparsus (Hemiptera)

YUCCA:

- Chrysomphalus agavis* (Homoptera)
Nasutitermes ephratae (Isoptera)
Pseudodiaspis yuccae (Homoptera)

ZANTEDESCHIA:

- Frankliniella panamensis* (Thysanoptera)

ZEA:

- Frankliniella williamsi* (Thysanoptera)
Moodna bisinuella (Thysanoptera)
Ostrinia nubilalis (Lepidoptera)
Pagiocerus fiorii (Coleoptera)
Trogoderma granarium (Coleoptera)
Zea mays (Lepidoptera)

ZINGIBER:

- Bradybaena similis* (Mollusca)
"Targionia" hartii (Hemiptera)

ZINNIA:

- Conotelus mexicanus* (Coleoptera)

ZIZYPHUS:

- Platynota rostrana* (Lepidoptera)

Hosts Unknown

AIRPLANE:

- Achaea janata* (Lepidoptera)
Adoretus sinicus (Coleoptera)
Ancognatha scarabaeoides (Coleoptera)
Anthela ocellata (?) (Lepidoptera)
Arge pleuritica (Hymenoptera)
Austrotortrix postvittata (Lepidoptera)
Bibio marci (Diptera)
Blosyrus scopis (Lepidoptera)
Brachybaenus ablutus (Orthoptera)
Characoma albulalis (?) (Lepidoptera)
Chilo zonellus (Lepidoptera)
Chlorotettix tethys (Homoptera)
Conchyliodes bryophilalis (Lepidoptera)
Conocephalus longipennis (Orthoptera)
Crociodophora sinensis (Lepidoptera)
Deloyala guttata (Coleoptera)
Dolerus anthracinus (Hymenoptera)
Elaphidion conspersum (Coleoptera)
Euzoa bilitura (Lepidoptera)
Geotomus pygmaeus (Hemiptera)
Hippotion echeclus (Lepidoptera)
Leucania irregularis (Lepidoptera)
Liogenys macropelma (Coleoptera)
Megachile concinna (Hymenoptera)
Melolontha melolontha (Coleoptera)
Mesapamea secalis (?) (Lepidoptera)
Mesovelia orientalis (Hemiptera)
Mumetopia nigrimana (Diptera)
Nanaguna breviscula (Lepidoptera)
Nephotettix apicalis (Homoptera)
Nomophila noctuella (Lepidoptera)
Nysius coenosulus (Hemiptera)
Oechalia schellenbergi (Hemiptera)
Ortholomus jamaicensis (Hemiptera)
Ostrinia nubilalis (Lepidoptera)
Pachybrachius nitens (Hemiptera)
Pagoda salvatis (Lepidoptera)

- Paragonatus divergens* (Hemiptera)
Paraponyx fluctuosalis (Lepidoptera)
Pheidole megacephala (Hymenoptera)
Prodenia litura (Lepidoptera)
Schoenobius incertulus (Lepidoptera)
Sesamia inferens (Lepidoptera)
Syntrisa diffusans (Lepidoptera)
Talurus rugosus (Coleoptera)

AQUATIC PLANT:

- Paulinia acuminata* (Orthoptera)
Symphylus ramivittata (Hemiptera)

AUTOMOBILE:

- Dysdercus mimulus* (Hemiptera)
Helicella variabilis (Mollusca)
Helix aspersa (Mollusca)
Ligyrocoris nitidicollis (Hemiptera)
Lygaeus teapensis (Hemiptera)
Onthophagus taurus (Coleoptera)
Ozophora consanguineus (Hemiptera)
Pyraustocorypha sallei (Orthoptera)
Reticulitermes flavipes (Isoptera)
Theba pisana (Mollusca)

BAGGAGE:

- Achatina fulica* (Mollusca)
Adoretus sinicus (Coleoptera)
Clerada apicicornis (Hemiptera)
Forficula senegalensis (Dermaptera)
Geotomus pygmaeus (Hemiptera)
Helicella variabilis (Mollusca)
Helix aspersa (Mollusca)
H. cincta (Mollusca)
Nasutitermes rippertii (Isoptera)
Orthalicus undatus jamaicensis (Mollusca)
Otala vermiculata (Mollusca)
Rhaphigaster nebulosa (Hemiptera)
Sesamia nonagriodes (Lepidoptera)
Theba pisana (Mollusca)
Zachrysis guatemensis (Mollusca)

Hosts Unknown—Continued

BAGGING:

Caryedon gonagra (Coleoptera)
Trogoderma granarium (Coleoptera)

BARK:

Pityogenes chalcographus (Coleoptera)

BULB:

Cecilioides acicula (Mollusca)
Odonaspis saccharicaulis (Homoptera)

CARGO:

Archachatina marginata (Mollusca)
Chilo suppressalis (Lepidoptera)
Coryzophis cruciata (Hemiptera)
Deilephila neri (Lepidoptera)
Dysdercus mimus (?) (Hemiptera)
Helicella variabilis (Mollusca)
Hoterodes ausonia (Lepidoptera)
Lyctus brunneus (Coleoptera)
Lygaeus cruentatus (Hemiptera)
L. modestus (Hemiptera)
Megasoma elephas (Coleoptera)
Membracis mexicana (Homoptera)
Nasutitermes mexicanus (Isoptera)
Neoclytus acuminatus (Coleoptera)
Otala lactea (Mollusca)
Pachybrachius albocinctus (Hemiptera)
Rhynchophorus palmarum (Coleoptera)
Sirex juvenecus (Hymenoptera)
Theba pisana (Mollusca)
Trogoderma granarium (Coleoptera)
Tropidacris latreillei (Orthoptera)

CONIFER:

Blastophagus piniperda (Coleoptera)

DEBRIS:

Nasutitermes ephratae (Isoptera)
Penichroa fasciata (Coleoptera)
Potosi opaca (Coleoptera)
Trogoderma granarium (Coleoptera)

DUNNAGE:

Plagionotus arcuatus (Coleoptera)

FERN:

Pheidole megacephala (Hymenoptera)

FISH MEAL:

Ochterus marginatus (Hemiptera)

FLOWERS:

Adoretus sinicus (Coleoptera)
Corythaica cyathicollis (Hemiptera)
Frankliniella formosae (Thysanoptera)
F. intonsa (Thysanoptera)
F. tenuicornis (Thysanoptera)
Haplothrips aculeatus (Thysanoptera)
H. gowdeyi (Thysanoptera)
Helix aspersa (Mollusca)
Oulema gallaeciana (Coleoptera)
Pentalonia nigronervosa (Homoptera)
Pheidole megacephala (Hymenoptera)
Prodenia litura (Lepidoptera)
Selenothrips rubrocinctus (Thysanoptera)
Spanioneura fonscolombei (Homoptera)
Taeniothrips atratus (Thysanoptera)
T. dianthi (Thysanoptera)
T. hawaiiensis (Thysanoptera)
Theba pisana (Mollusca)
Thrips angusticeps (Thysanoptera)
T. flavus (Thysanoptera)
T. imuginis (Thysanoptera)
T. major (Thysanoptera)
Xiphidopsis lita (Orthoptera)

FOOD:

Monomorium destructor (Hymenoptera)
Nasutitermes exitiosus (Isoptera)
Pheidole megacephala (Hymenoptera)

FRUIT—UNIDENTIFIED:

Aspidiotus herculeanus (Homoptera)
Peritrechus nubilus (Hemiptera)

GRAIN:

Trogoderma granarium (Coleoptera)

GRASS:

Clerada apicicornis (Hemiptera)

HERB:

Corythaica carinata (Hemiptera)
Helicella caperata (Mollusca)
Lamellaxis gracilis (Mollusca)
Theba pisana (Mollusca)

KARAYA GUM:

Trogoderma granarium (Coleoptera)

LEAF—UNIDENTIFIED:

Arion ater (Mollusca)
Chrysomphalus personatus (Homoptera)
Pheidole megacephala (Hymenoptera)
Selenothrips rubrocinctus (Thysanoptera)
Xiphidopsis lita (Orthoptera)

LEGUME:

Acanthoscelides spinipes (Coleoptera)
Ectomyelois ceratoniae (Lepidoptera)

LOG:

Megacyllene spinifera (Coleoptera)

MAIL:

Helix leucorum (Mollusca)
H. pomatia (Mollusca)
Monomorium destructor (Hymenoptera)

MILITARY CARGO:

Achatina fulica (Mollusca)
Anacridium aegyptium (Orthoptera)
Bulimulus fraterculus (Mollusca)
Cepaea nemoralis (Mollusca)
Clausilia lineolata (?) (Mollusca)
Cochlicella barbara (Mollusca)
C. conoidea (Mollusca)
C. ventrosa (Mollusca)
Helicella cespitum (Mollusca)
H. conspurcata (Mollusca)
H. derbentina (Mollusca)
H. maritima (Mollusca)
H. neglecta (Mollusca)
H. protea (Mollusca)
H. pyramidata (Mollusca)
H. striata (Mollusca)
H. variabilis (Mollusca)
H. virgata (Mollusca)
Helix aperta (Mollusca)
H. aspersa (Mollusca)
Hygromia cinctella (Mollusca)
Kaloterms snyderi (Isoptera)
Lygaeus superbus (Hemiptera)
Monacha olivieri (Mollusca)
Otala lactea (Mollusca)
O. vermiculata (Mollusca)
Phalacropterix apiformis (Lepidoptera)
Pieris brassicae (Lepidoptera)
Subulina octona (Mollusca)
Theba pisana (Mollusca)
T. planata (Mollusca)
Trichia hispida (Mollusca)

MOLLUSK:

Theba pisana (Mollusca)

NURSERY STOCK:

Frankliniella intonsa (Thysanoptera)
Limothrips denticornis (Thysanoptera)
Orthops kalmi (Hemiptera)
Taeniothrips atratus (Thysanoptera)
Thrips flavus (Thysanoptera)
T. major (Thysanoptera)

MOSS:

Plinthisus putoni (Hemiptera)

PACKING:

Haplothrips aculeatus (Thysanoptera)

PAPER:

Cryptotermes brevis (Isoptera)

PLANT—UNIDENTIFIED:

Bradybaena similaris (Mollusca)
Cryphula apicata (Hemiptera)
Dendrocoris variegatus (Hemiptera)
Monacha cantiana (Mollusca)
Monophadnoides alternipes (Hymenoptera)
Pentalonia nigronervosa (Homoptera)
Pheidole megacephala (Hymenoptera)
Retinella hammonis (Mollusca)
Stereotydeus mexicanus (Acarina)
Trichia hispida (Mollusca)

PLANT MATERIAL:

Cacocimorpha pronubana (Lepidoptera)
Haplothrips aculeatus (Thysanoptera)
Limothrips denticornis (Thysanoptera)
Theba pisana (Mollusca)

QUARTERS:

Amphimallon majalis (Coleoptera)
Dyscinetus frater (Coleoptera)
D. laevipunctatus (Coleoptera)
Megalofomus rufipes (Hemiptera)
Otala lactea (Mollusca)

Hosts Unknown—Continued

QUARTERS—Continued

Otosema odorata (Lepidoptera)
Tropidacris cristata (Orthoptera)

RAILWAY CAR:

Dysdercus mimulus (Hemiptera)
D. obliquus (?) (Hemiptera)
Reticulitermes flavipes (Isoptera)

ROOTS—UNIDENTIFIED:

Chondrula pupa (?) (Mollusca)

STORES:

Acanthoscelides armitagei (?) (Coleoptera)
Acrolepia assectella (Lepidoptera)
Caryedon gonagra (Coleoptera)
Gnorimoschema ocellatella (Lepidoptera)
Helix aspersa (Mollusca)
H. pomatia (Mollusca)
Theba pisana (Mollusca)
Trogoderma granarium (Coleoptera)

STRAW:

Harmolita ips (Hymenoptera)
Pyrrhocoris apterus (Hemiptera)

SUCCULENT:

Cardiophorus histrio (Coleoptera)
Contigaspis indogoferae (Homoptera)

TWIG—UNIDENTIFIED:

Lecanium rufulum (Homoptera)

WOOD:

Callidium rufipenne (Coleoptera)
Heterobostrychus aequalis (Coleoptera)
Lyctus africanus (Coleoptera)
Minthea rugicollis (Coleoptera)
Nothorhina muricata (Coleoptera)
Sinoxylon anale (Coleoptera)
S. conigerum (Coleoptera)
Xylopsocus capucinus (Coleoptera)

Countries of Origin and Insects

- AFGHANISTAN:
Megastigmus pistaciae
- AFRICA (country(?)):
Deilephila nerii
Forficula senegalensis
- ALGERIA:
Helix aspersa
H. pomatia
Parlatoria zizyphus
- AMERICAN SAMOA:
Frankliniella formosae
Pentalonia nigronervosa
Pheidole megacephala
Unaspis citri
- AMERICAN VIRGIN ISLANDS:
Aspidiotus destructor
Lepidosaphes tokionis
Parlatoria crotonis
Vinsonia stellifera
- ANGOLA:
Maruca testulalis
- ANTIGUA:
Corythaica cyathicollis
Cylas formicarius elegantulus
Ortholomus jamaicensis
Pectinophora gossypiella
Pheidole megacephala
Vinsonia stellifera
- ARGENTINA:
Brevipalpus obovatus
Ceratitidis capitata
Chrysomphalus paulistae (tentative)
C. personatus
Ctenoglyphus plumiger
Dichelops furcatus
Laspeyresia araucaria
Megacyllene spinifera
Parlatoria cinerea
Pseudonidia trilobitiformis
Unaspis citri
- ARUBA:
Lamellaxis gracilis
Zonitoides arboreus
- AUSTRALIA:
Anthela ocellata
Frankliniella schultzei
Haplothrips gowdeyi
Lecanium persicae (tentative)
Nasutitermes exitiosus
Taeniothrips hawaiiensis
Thrips imaginis
Tranes internatus
Trichia hispida
Unaspis yanonensis
- AUSTRIA:
Helix pomatia
Trichia striolata
- AZORES:
Bruchus tristis
Cecilioides acicula
Ceratitidis capitata
Cochlicella ventrosa
Ectomyelois ceratoniae
Helicella striata
Helix aspersa
Limax marginatus
Limax gagates
Opogona sacchari
Orthophagus taurus
Orychilus alliaris
Pieris brassicae
Plinthius brevipennis
Sesamia nonagriodes
"Targionia" bromiliae
Theba pisana
- BAHAMAS:
Aspidiotus destructor
Ectomyelois ceratoniae
Hemitrochus androsi
Monomorium destructor
Nasutitermes ripperitii
Ogdococta guttifera
Polygyra bahamensis
Protopulvinaria pyriformis
Schasicheila bahamensis
- Vinsonia stellifera*
Zedaira lineolata
- BARBADOS:
Anastrepha mombinpraeoptans
Corythaica carinata
Pectinophora gossypiella
Trionymus sacchari
- BELGIUM:
Gracilaria azaleella
Pieris brassicae
Trichia hispida
Trogoderma granarium
- BERMUDA:
Bradybaena similis
Cochlicella ventrosa
Otala vermiculata
Pectinophora gossypiella
Pheidole megacephala
Pocillozonites bermudensis(?)
P. circumfirmatus
Rumina decollata
- BOLIVIA:
Oryzocarenum hyalinipennis
Pseudoparlatoria ostreata
- BRAZIL:
Aspidiotus mendax
Asterolecanium epidendri
Ceratitidis capitata
Cerconota anonella
Chrysomphalus personatus
Coccus alpinus
Coptotermes testaceus
Eurytoma orchidearum
Euscepes postfasciatus
Heterotermes convexinotatus
Laspeyresia araucaria
Leucoptera coffeella
Maruca testulalis
Nasutitermes corniger
Neoleucinodes elegantalis
Parlatoria cinerea
Pheidole megacephala
Pseudonidia trilobitiformis
Pseudoparlatoria turgida
Rhyacionia buoliana
Stephanoderes hampei
- BRITISH GUIANA:
Parlatoria zizyphus
Vinsonia stellifera
- BRITISH HONDURAS:
Aleurothrixus myrtae
Anastrepha mombinpraeoptans
Asterolecanium simile
Cecilioides acicula
Cryphula apicata
Heterotermes convexinotatus
Largus affinis(?)
Mormidea pictiventris
Nasutitermes nigricipes
Nesocia nigrispina
Opeas pyrgula
Pheidole megacephala
Pseudischnaspis alienus
Stenomoma catenifer
Subulina octona
Tenthecoris confusus
Vinsonia stellifera
- CANADA:
Agonopterix costosa
Lecanium corni
Taeniothrips ericae
Zonitoides arboreus
- CANAL ZONE:
Ancylostoma stercora
Chrysomphalus umboniferus
Cryphula apicata
Eryptochioma tumens
Lepidosaphes tokionis
Nasutitermes corniger
N. ephratae
Orthalicus undatus
Pinnaspis buxi
Pseudischnaspis alienus
Unaspis citri
Vaginulus occidentalis
Vilga dissimilis

Countries of Origin and Insects—Continued

CANAL ZONE—Continued

V. divarigata
Vinsonia stellifera

CAPE VERDE ISLANDS:

Opgona sacchari

CAYMAN ISLANDS:

Aspidiotus destructor
Helicina substriata
Hemiteuchus streator
Pachybrachius intermedius
Pectinophora gossypiella

CEYLON:

Heterobostrychus aequalis
Minthea rugicollis
Sinozylon conigerum
Trogoderma granarium

CHILE:

Loxostege amitina
Pseudococcus gahani

CHINA:

Parlatoria zizyphus
Planococcus dorsospinosus
Trogoderma granarium

COLOMBIA:

Acanthoscelides armitagei
Ancognatha scarabaeoides
Eurytoma orchidearum
Frankliniella panamensis
Gymnandrosoma aurantianum
Iridomyrmex pilifer
Limax marginatus
Lyctus brunneus
Minthea rugicollis
Neoleucinodes elegantalis
Stenomoma catenifer
Subulina octona
Vaginulus occidentalis

COSTA RICA:

Acentroptera neremanni
Anastrepha mombinpraeoptans
Aspidiotus destructor
A. excisus
A. palmarum
Asterolecanium epidendri
Chrysomphalus nigropunctatus (tentative)
C. personatus
C. umboniferus
Conchylodes bryophilalis
Drymaeus alternans
Limax marginatus
Membracis mexicana
Pachybrachius albocinctus
Protopulvinaria longivalvata
Pseudischinaspis alienus
Pseudoparlatoria ostreata
Stenomoma catenifer
Unaspis citri
Valtissius diversus
Zonitoides arboreus

CUBA:

Aonidiella comperei
Asterolecanium epidendri
A. mliaris mliaris
Chondropoma picta (?)
Cryptoccephalus marginicollis
Cylas formicarius elegantulus
Helicella caperata
Jennernetia multistriata
Kaloterms snyderi
Lamellaxis gracilis
Lepidosaphes crotonis
Odonaspis saccharicaulis
Pectinophora gossypiella
Pheidole megacephala
Protopulvinaria pyrifomis
"Targionia" hartii
Theba pisana
Trionymus sacchari
Zachrysis guanensis

CURACAO:

Anastrepha mombinpraeoptans

CYPRUS:

Ceratitis capitata
Dacus oleae

CZECHOSLOVAKIA:

Baris lepidii

Grapholitha funebrana
Laspeyresia splendana
Limothrips denticornis
Rhagoletis cerasi

DENMARK:

Acrolepia assectella
Cladius pectinicornis
Haplithrips aculeatus
Megastigmus strobilobius
Phytomyza rufipes
Thrips major

DOMINICA:

Eucalymnatus tessellatus
Vinsonia stellifera

DOMINICAN REPUBLIC:

Anastrepha mombinpraeoptans
Ancylostoma stercorea
Clerada apicicornis
Cylas formicarius elegantulus
Deloyala guttata
Elaphidion conspersum
Maruca testulalis
Megachile concinna
Mimosestes sallaei
Nasutitermes ephratae
Ozophora quinque maculata
Pectinophora gossypiella
Pentalonia nigromerose
Selenothrips rubrocinctus
Talponia batesi

EAST AFRICA:

Opgona sacchari

ECUADOR:

Acanthoscelides armitagei
Aleurocanthus woglumi
Ancylostoma stercorea
Asterolecanium epidendri
Bathydema socia
Dysdercus mimus (?)
Epilachna borealis var.
Holeroes ausonia
Lygaeus cruentatus
L. modestus
Metamasius hemipterus sericeus
Monomorium destructor
Nasutitermes dendrophilus
Pagiocerus forti
Platoceticus symmicta
Porphyrobaphis iostoma
Rhynchophorus palmarum
Stenomoma catenifer
Tropidacris cristata
T. latreillei

EL SALVADOR:

Anastrepha mombinpraeoptans
A. serpentina
Ancylostoma stercorea
Aspidiotus herculeanus
Aulacaspis tubercularis
Chrysomphalus umboniferus
Pseudischinaspis alienus
P. longissima
Protopulvinaria pyrifomis
Stenomoma catenifer
Unaspis citri
Vaginulus occidentalis (?)
Zonitoides arboreus

ENGLAND:

Adelphocoris lineolatus
Argyresthia conjugella
Arion hortensis
Bruchus ervi
Cladius pectinicornis
Dialeurodes chittendeni
Eriophyes canestrinii
Frankliniella intonsa
Helicella caperata
Iridothrips iridis
Laspeyresia nigricana
Leucoptera scitella
Lobesia botrana
Lygus rugulipennis
Macroedema microptenum
Milax gagates
Myzus ascalonicus
Orthotylus ericetorum

Countries of Origin and Insects—Continued

ENGLAND—Continued

Phytomyza rufipes
Rhinocola ericae
Spanioneura fonscolombei
Stenotarsonemus laticeps
Taeniothrips atratus
T. dianthi
T. picipes
Thrips angusticeps
T. flavus
T. major
Trichia hispida
T. striolata
Trogoderma granarium
Udea ferrugalis

ENIVETOK:

Furcaspis oceanica

ETHIOPIA:

Ceratitis capitata (?)
C. colae
Cryptophlebia leucotreta
Goniogaster variicolor

FEDERATION OF MALAYA:

Monomorium destructor

FIJI:

Coccus viridis
Morganella longispina
Pheidole megacephala
Pulvinaria psidii
Trionymus sacchari

FINLAND:

Taeniothrips atratus

FORMOSA:

Antonina graminis
Aulacaspis tubercularis
Frankliniella formosae
Genaparlatoria pseudaspidiotus
Haplothrips gowdeyi
Parlatoria zizyphus
Prodenia litura
Tetraleurodes graminis
Trogoderma granarium

FRANCE:

Acrolepia assectella
Aleyrodes lonicerae
Arion ater
A. hortensis
Asterobemisla carpini
Autographa gamma
Bibio marci
Bruchidius lividimanus
Cacoecimorpha pronubana
Calocoris hispanicus
Cepaea nemoralis
Clausilia lineolata (?)
Cochlicella barbara
Cryptoblabes gnidiella
Curculio nucum
Diaspis minima
Dolerus anthracinus
Evergestis forficatis
Forficula decipiens
Frankliniella intonsa
Gonocerus insidiator
Harmolita ips
Helicella maritima
H. striata
H. variabilis
Helix aspersa
Hygromia cinctella
Laspeyresia splendana
Mamestra brassicae
Melolontha melolontha
"Microporus" nigritus
Myzus ascalonicus
Otala lactea
Ovatus crataegarius
Palpita unionalis
Parlataria zizyphus
Peritrichus sylvestris
Philaenus leucophthalmus
Pseudococcus gahani
Psylla melanoneura (?)
Retinella hammonis
Rhagoletis cerasi

Rhyparochromus immaculatus
Sesamia cretica
Slygnocoris fuliginosus
Theba pisana
Thrips flavus
Trichia hispida
Trogoderma granarium
Udea ferrugalis
Vitrina diaphana
Zonitoides arboreus

FRANCE(?):

Arge pleuritica

FRENCH POLYNESIA:

Parlataria crotonis

GERMANY:

Ardis sulcata
Ariania arborum
Arion circumscriptus
A. hortensis
Aspidiotus palmarum
Cecilioides acicula
Cladius pectinicornis
Dialeurodes chittendeni
Evergestis forficatis
Frankliniella intonsa
Helix aperta
Lecanium corni
Lygus rugulipennis
Mamestra brassicae
Monacha cantiana
Myzus ascalonicus
Pieris brassicae
Pityogenes chalcographus
Retinella hammonis
Rhagoletis cerasi
Rhinocola ericae
Taeniothrips atratus
Thrips flavus
Trichia hispida
Zonitoides arboreus

GREECE:

Acanthoscelides spinipes
Bruchus ervi
Ceratitis capitata
Cryptoblabes gnidiella
Curculio elephas
Ectomyelois ceratoniae
Forficula aetolica
Helicella maritima
H. pyramidata
H. striata
Helix aspersa
H. cincta
Laspeyresia splendana
Limax flavus
Otala vermiculata
Pyrrhocoris apterus
Schneidereria pistaciella
Sesamia cretica
Trogoderma granarium

GRENADA:

Maruca testulalis

GUADELOUPE:

Haplothrips gowdeyi
Selenothrips rubrocinctus

GUAM:

Agonozena pyrogramma
Anaballus amplicollis
Dacus dorsalis
Parlataria zizyphus
Pentalonia nigronervosa
Pseudococcus palmarum

GUATEMALA:

Anastrepha ludens
A. mombinpraecoptans
Aspidiotus palmarum
Chrysomphalus calurus
C. umboniferus
Cleistolophus similis
Cryphula apicata
Drymaeus alternans
Exptochioma albomaculata
Heterotermes convexinotatus
Iridomyrmex iniquus
Neocyclotus dysoni cooki

Countries of Origin and Insects—Continued

GUATEMALA—Continued

Neolobophora inopinata
Orthalicus decolor
Platoeceticus symmetrica
Pseudoparlatoria ostreata
Puto ulter
Selenothrips rubrocinctus
Tenthoris vestitus
Zenaidra lineolata
Zonitoides arboreus

HAITI:

Anastrepha mombinpraeoptans
Ancylostoma stercora
Corythaea carinata
Haplothrips gowdeyi
Helix aspersa
Mimosestes sallaei
Pectinophora gossypiella
Platynota rostrata
Vaginulus occidentalis (?)

HAITI(?):

Cylas formicarius elegantulus

HAWAII:

Achaea janata
Achatina fulica
Adoretus sinicus
Apomecyna saltator
Araecerus levipennis
Asterolecanium pseudomiliaris
Bradybaena similaris
Ceratitis capitata
Ceroplastes rubens
Clerada apicicornis
Coccus viridis
Conoderus exsul
Conotelus mexicanus
Cryptophlebia ombrodella
Cryptolermes brevis
Dacus dorsalis
Dendrothripoides ipomeae
Dialeurodes kirkaldyi
Dichromothrips corbetii
Diocalandra taitensis
Ectomyelois ceratoniae
Epitraneus lacteipennis
Eurytoma orchidearum
Euscepes postfasciatus
Genaparlatoria pseudaspidiotus
Geotomus pygmaeus
Lampides boeticus
Lepidosaphes tokionis
Maruca testulalis
Megacerus alternatus
Monomorium destructor
Nysius coenosulus
N. kingbergi
Parlatoria crotonis
P. zizyphus
Pealius hibisci
Pectinophora gossypiella
Pentalonia nigronervosa
Pheidole megacephala
Pinnaspis buxi
P. uniloba
Plusia chalcites
Pseudococcus palmarum
Pulvinaria psidii
Selenothrips rubrocinctus
Siphanta acuta
Spodoptera mauritia acronyctoides
Sternonchetus mangiferae
Taeniothrips hawaiiensis
T. vitticornis
Xiphidiopsis lita
Xystocera globosa

HONDURAS:

Aeolus pictus
Anastrepha mombinpraeoptans
Antiteuchus panamensis
Bulimulus unicolor
Cerconota anonella
Chrysomphalus umboniferus
Coryzorhaphis cruciata
Cryphula apicata
Drymaeus alternans

Galgupha quadrisignata
Malacorhinus foveipennis
Nasutitermes corniger
N. ephratae
Orthalicus obductus
Parocanthus annulatus
Pentalonia nigronervosa
Pheidole megacephala
Stenoma catenifer
Subulina octona
Veronicella moreleti
Vilga dissimilis
Vinsonia stellifera
Zygospila bigenera

HONG KONG:

Frankliniella formosae
Lepidosaphes tuberculata
Monomorium destructor
Parlatoria zizyphus
Taeniothrips gracilis
"Targionia" hartii
Trogoderma granarium
Unaspis yanonensis

HUNGARY:

Grapholitha janthiana

ICELAND:

Frankliniella intonsa
Haplothrips aculeatus
Taeniothrips atratus

INDIA:

Callosobruchus analis
Caryedon gonagra
Lyctus africanus
Minthea rugicollis
Monomorium destructor
Pectinophora gossypiella
Sinoxylon anale
S. conigerum
Trionymus sacchari
Trogoderma granarium

INDONESIA:

Heterobostrychus aequalis
Morganella longispina
Puleinaria psidii
Trogoderma granarium
Xyloperococcus cupacinus

IRAN:

Cecilioides acicula
Parlatoria zizyphus
Trogoderma granarium

IRELAND:

Arion hortensis
Mesapamea secalis (?)
Rhinocola ericae
Stenotarsonemus laticeps
Taeniothrips atratus
T. ericae
Thrips flavus
Trichia hispida
T. striolata

ISRAEL:

Ceratitis capitata
Cryptoblabes gnidiella
Eurygaster integriceps
Frankliniella intonsa
Macroscytus brunneus
Myzaphis turanica
Oxycaenus hyalinipennis
Prodenia litura
Taeniothrips discolor (tentative)
Theba pisana

ITALY:

Acrolepia assectella
Anacridium aegyptium
Amuraphis apiifolia
A. cardui
Arion ater
Brachycerus albidentatus
Bruchus dentipes
B. ervi
B. lentis
B. signaticornis
B. tristis
Cacocimorpha pronubana
Capitifer plebeia

Countries of Origin and Insects—Continued

ITALY—Continued

Cecilioides acicula
Cenopalpus pulcher
Ceratitis capitata
Ceutorhynchus pleurostigma
Chondrula pupa(?)
Clysiana ambiguella
Cochlicella barbara
C. ventrosa
Cryptoblabes gnidiella
Curculio elephas
C. nucum
Dacus oleae
Diaspis minima
Ectomyelois ceratoniae
E. phoenicis(?)
Ephestia calidella
Euphyllura olivina
Evergestis forficatus
Gnorimoschema ocellatella
Gortyna flavago
Helicella candidula
H. conspurcata
H. itala
H. maritima
H. pyramidalis
H. striata
H. trochoides
H. variabilis
Helix aperta
H. aspersa
H. leucorum
Heterogenea asella
Hygromia cinctella
Laspeyresia nigricana
L. splendana
Lepidosaphes ficus
Leucoptera scitella
Limax marginatus
Limothrips consimilis
Lobesia botrana
Mamestra brassicae
Monacha carthusiana
Ostrinia nubilalis
Otala lactea
O. vermiculata
Oulema melanopa
Papillifera cinera
P. papillaris
Parlatoria zizyphus
Phalacropterix apiformis
Pieris brassicae
Plinthisus putoni
Prays oleellus
Psylla pyri
Rhagoletis cerasi
Rhaphigaster nebulosa
Roucasia ovata
Sesamia cretica
Sinoxylon serdentatum
Sterrhia inquinata
Systole albipennis
Theba pisana
Thrips major
Trichia striolata
Trogoderma granarium
Udea ferrugalis

JAMAICA:

Acanthoscelides armitagei
Aganactes indecora
Anastrepha mombinpraeopians
A. suspensa
Ancylostoma stercora
Aspidiotus destructor
Asterolecanium epidendri
Coryda nemoraloides
Diaphania indica
Ectomyelois ceratoniae
Fundella pellucens
Helicina neritella
Nasutitermes nigripes
Orthalicus undatus
O. undatus jamaicensis
Pectinophora gossypiella
Protophila longivalvata

Pseudophasma cyllarus

Subulina octona

Vinsonia stellifera

JAPAN:

Aleurotrachelus camelliae
Alsophila membranaria
Aonidiella citrina
Arge similis
Aspidiotus destructor
A. palmae
Aulacaspis ericacearum (tentative)
Callidium rufipenne
Carpodina niponensis
Chilo suppressalis
Chrysomphalus nulliporus
Dichocroctis punctiferalis
Drosicha howardi (tentative)
Frankliniella formosae
Glycyphagus michaeli
Haplothrips gowdeyi
Kuwanaia parva
Lampides boteticus
Lepidosaphes celtis
L. conchiformoides
Limax marginatus
Lyctus africanus
Mamestra brassicae
Maruca testulalis
Matsumuraesia phaseoli
Monomorium destructor
Morganella longispina
Nipponaclerda biwakoensis
Oligonychus perditus
Ostrinia nubilalis
Parlatoria cinerea
P. citri
P. zizyphus
Pentalonia nigronervosa
Pentamerismus oregonensis
Petroa cristata
Pheidole megacephala
Phenacoccus rotundus (tentative)
Prodenia litura
Pseudococcus citriculus
Schoenobius incertulus
Scleroconia acutellus
Sesamia inferens
Sirex juvenicus
Stephanitis nashi
Rhopobota naevana
Taeniothrips gracilis
T. hawaiiensis
Tetraneurae aucubae
Tetranychus cinnabarinus
Thrips flavus
Unaspis yanonensis
Zonitoides arboreus

JAPAN(?):

Crocidophora sinimalis
Oechalia schellenbergi
Paraponyx fluctuosalis
JOHNSTON ISLAND:
Leucania irregularis

JORDAN:

Leucaspis pusilla

KENYA:

Cecilioides aperta(?)

KOREA:

Trogoderma granarium

KUWAIT:

Trogoderma granarium

KWAJALEIN:

Furcaspis oceanica

Lepidosaphes esakii

LEBANON:

Ceratitis capitata
Dacus oleae
Lobesia botrana
Phloeotribus scarabaeoides
Prays oleellus
Schneidereria pistaciella

LIBERIA:

Akermes andersoni
Stephanoderes hampei

Countries of Origin and Insects—Continued

LIBYA:

Cochlicella barbara
Otala vermiculata
Subulina octona
Theba pisana

LITHUANIA:

Curculio nucum

MARSHALL ISLANDS:

Furcaspis oceanica

MAURITIUS:

Vinsonia stellifera

MEXICO:

Acanthoscelides griseolus
Aleurocanthus woglumi
Alpheias conspirata

Aithos obscurus

Amitermes wheeleri

Amnestus uhleri

Anastrepha ludens

A. mombinpraeoptans

Ancylostomia stercora

Antilocoris punctatus

Apion griseum

Arphnus melanotylus

Aspidiotus destructor

A. diffinis

A. palmae

Asterolecanium bambusae

Atheas nigricornis

Batrachedra linaria

Brachybaenus ablutus

Bulimulus hepatostomus

Capaneus tetricus

Caulotops distanti

Cerotoma atrofasciata

Chilo loftini

Chrysomphalus agavis

C. personatus

C. sphaerioides

C. tenax

C. tingi

C. umboniferus

Conotelus mexicanus

Conotrachelus aguacatae

C. perseae

Corythucha mcelfreshi

Cosmopolites sordidus

Cryphula apicata

Dendrocoris variegatus

Diatraea magnifacella

Drymaeus cuernavacensis

D. hegewischi

D. hepatostomus(?)

D. heynemanni

D. rudis

Dyscinetus frater

D. laevispunctatus

Dysdercus mimulus

D. obliquus(?)

Epinotia aporema

Eucalymnatus tessellatus

Eucheira socialis

Eurytoma orchidearum

Eustrophinus marginatus

Ethelema sobrina

Everes comytas

Ezplochomera albomaculata

E. confusa

E. formosa

Epinotia aporema

Fiortinia theae

Frankliniella williamsi

Galgupha punctifer

G. quadristigmata

Gnortimoschema gudmannella

Grapholitha packardii

Gymnococcus agavium

Haplothrips clarisetis(?)

H. gowdeyi

Helicina durangoana(?)

H. oweniana(?)

H. zephyrina

Helix aspersa

Heterotermes convezinotatus

H. maculatus

Jadera sanguinolenta

Lamellaxis micra

Lepidosaphes carinata

L. philococcus

Leucoptera coffeella

Ligyrocoris aurivilliana

L. nitidicollis

Limar marginatus

Loxostege bifidialis

L. similalis

Lygaeus teapensis

Lygus lineolaris

Melanaethus planifrons

Membracis mexicana

Micrarionta stearnsiana

Monanthia monotropidia

Moodna bisinuella

Mormidea pictiventris

Myodocha longicollis

Nasutitermes mexicanus

Neoadozoplatys saileri

Neoclytus acuminatus

Neoleucinodes elegantalis

Nysius tenellus

Opatulena duodecimstriata

Opomus nigripennis pulcher

Opuntiaspis philococcus

Orthalicus boucardi

Orthezia pseudinsignis

Ozophora consanguineus

Pachybrachius albocinctus

Paragonatus divergens

Parlatoria cinerea

Parisoschoenus flavolimbatus

Pectinophora gossypiella

Plagiadera punctigera

Platynota rostrana

Platypus rugulcsus

Plectia plagiata

Polygyra matermontana

P. richardsoni

Praticolella ampla

Pseudischinaspis alienus

P. bowreyi

Pseudococcus ferrisi

Pseudodiaspis yuccae

Pulvinaria psidii

Puto mexicanus

Pyrgocorypha sallei

Radiodiscus proameri

Reticulitermes flavipes

Rumina decollata

Sisamnes contractus

Stenomoma catenifer

Stereotydeus mexicanus

Subulina octona

Talponia batesi

"Targionia" bromiliae

Targionia yuccarum

Tenthecoris angustimarginatu

T. confusus

T. distinctus

Termtophylla fulviorides

Tetranychus cinnabarinus

Trialeurodes similis

T. variabilis

T. vitrinellus

Trioza anceps

Tropoderma granarium

Vallistinus diversus

Veronicella moreletii

Yosemitia didactica

Zonitoides arboreus

MOROCCO:

Bulimulus fraterculus

Cochlicella barbara

C. ventrosa

Metopoplax ditomoides

Otala lactea

Theba pisana

NETHERLANDS:

Acrolepia assectella

Adozophyes reticulana

Ariania arbutorum

Countries of Origin and Insects—Continued

NETHERLANDS—Continued

Arion ater
Bruchus lentis
Caryedon gonagra
Cecilioides acicula
Cladius pectinicornis
Dialeurodes chittendeni
Diaspis juniperi
Eriophyes canestrinii
Frankliniella intonsa
Gracilaria azaleella
Limothrips denticornis
Mamestra brassicae
Milax gagates
Monophadnoides alternipes
Myzus ascalonicus
Orthops katmi
Phylla febrilis
Rhynchaenus populi
Taeniothrips atratus
T. ericae
Thrips flavus
T. major
Trichia hispida
Trogoderma granarium

NETHERLANDS (?):

Ectomyelois ceratoniae

NEW GUINEA:

Coccus viridis

NEW ZEALAND:

Austrotortrix postvittana
Stenotarsonemus laticeps

NICARAGUA:

Acanthoscelides griseolus
Anastrepha mombinpraeoptans
Aspidiotus destructor
A. herculeanus
Asterolecanium epidendri
Chlorotettix tethys
Chrysomphalus calurus
Dialeurodes citrifolii
Mumetopia nigritana
Stenoma catenifer
Talurus rugosus
Vinsonia stellifera

NIGERIA:

"*Lecanium*" *catori* (tentative)

NORTHERN IRELAND:

Stenotarsonemus laticeps

NORWAY:

Acrolepia assectella
Argyresthia conjugella
Taeniothrips picipes

OKINAWA:

Achatina fulica
Aonidiella inornata
Frankliniella formosae
Haplothrips gowdeyi
Parlatoria zizyphus
Taeniothrips hawaiiensis

PAKISTAN:

Aulacaspis tubercularis
Lyctus africanus
Pectinophora gossypiella
Trogoderma granarium

PANAMA:

Acanthoscelides armitagei
A. griseolus
Ancylostoma stercora
Anastrepha mombinpraeoptans
Aspidiotus destructor
Asterolecanium epidendri
Conchaspis orchidarum
Lepidosaphes tokionis
Liogenys macropelma
Nasutitermes ephratae
Paragonatus divergens
Parlatoria crotonis
Pinnaspis buxi
Pseudischinaspis alienus
Stenoma catenifer
Teleonemia scrupulosa
Unaspis citri
Vulga dissimilis

Vinsonia stellifera

PARAGUAY:

Cerconota anonella

PERU:

Acanthoscelides armitagei
A. griseolus
Aleurodicus iridescens
Asterolecanium epidendri
Chrysomphalus odontoglossi
C. umboniferus
Euscepes postfasciatus
Gnorimoschema borsaniella
G. plaetosema
Helix aspersa
Lamellazis gracilis
Limax marginatus
Mecolaemus carvalhoi
Pachybrachius albocinctus
Pseudischinaspis bowreyi
Paulinia acuminata
Symphylus ramivittata
Tenthecoris exitiosus
Terastris meticulosalis
Zonitoides arboreus

PERU(?):

Ceratitis capitata
Megasoma elephas

PHILIPPINES:

Aleurocanthus citripedus
Aonidiella inornata
Aspidiotus palmae
Chilo suppressalis
Conocephalus longipennis
Dacus dorsalis
Dialeurodes kirkaldyi
Frankliniella formosae
Lepidosaphes tubulorum
Maruca testulalis
Monomorium destructor
Parlatoria cinerea
P. citri
P. zizyphus
Pentalonia nigronervosa
Pseudoaonidia trilobitiformis
Pseudococcus lilacinus
Rhipiphorothrips pulchellus
Selenothrips rubrocinctus
Taeniothrips hawaiiensis
Unaspis yanonensis

PHILIPPINES(?):

Mesovelia orientalis
Nanaguna breviscula
Nephotettix apicalis
Paraponyx fluctuosalis

POLAND:

Acronicta psi
Aphis callunae
Arge ochropa
Blastodacna atra
Grapholita funebrana
Haplothrips aculeatus
Limothrips denticornis
Oulema gallaeciana
Tetranychus viennensis
Thrips major

PORTUGAL:

Blastophagus piniperda
Ceratitis capitata
Curculio elephas
Haplothrips cotti
Helix aspersa
Laspeyresia splendana
Nothorhina muricata
Taeniothrips atratus
"Targionia" bromeliae
Udea ferrugalis

PUERTO RICO:

Anastrepha mombinpraeoptans
A. suspensa
Argyresthia eugeniella
Cylas formicarius var.
Euscepes postfasciatus
Fundella pellucens
Jadera rufofusca
Lamellazis gracilis

Countries of Origin and Insects—Continued

PUERTO RICO—Continued

Maruca testulalis
Pectinophora gossypiella
Pheidole megacephala
Platynota rostrana
Sphenarches caffer
Subulina octona
 "Targionia" sacchari
Toxotrypana curvicauda
Unaspis citri

PUERTO RICO(?):

Megalotomus rufipes

REPUBLIC OF SOUTH AFRICA:

Aonidiella citrina
Asterolecanium euphorbiae
Blissus diplopteris
Cardiophorus histrio
Contigaspis indogoferae
Cryptophlebia leucotreta
Diaphone eumela
Ectomyelois ceratoniae
Epichorista ionephela
Haplothrips gowdeyi
Homothrips distinctus
Ochierus marginatus
Oryzarenus hyalinipennis
Sciocoris fuscosparsus
Selenaspis silvaticus
Stephanoderes hampei

REPUBLIC OF THE CONGO:

Parlatoria zizyphus
Sculptaria reticulata

ST. KITTS:

Ancylostomia stercorea
Fundella pellucens

ST. MARTIN:

Ancylostomia stercorea

SCOTLAND:

Argyresthia conjugella
Opisthographis luteolata
Rhinocola ericae
Taeniothrips atratus
T. ericae
Thrips flavus

SENEGAL:

Trogoderma granarium

SIERRA LEONE:

Cylas puncticolis
Trogoderma granarium

SINGAPORE:

Genaparlatoria pseudaspidotus
Trogoderma granarium

SOUTH AMERICA (country(?)):

Liogenys macropelma

SOUTHWEST PACIFIC:

Hippotion echectus

SPAIN:

Acrolepia assectella
Anacridium aegyptium
Aonidiella citrina
Archachatina marginata
Bruchus ervi
Ceratitidis capitata
Chilo suppressalis
Cochlicella barbara
C. conoidea
C. ventrosa
Cryptoblabes gnidiella
Curculio elephas
Dacus oleae
Dyspessa ulula
Ectomyelois ceratoniae
Helicella cespitum
H. conspurcata
H. maritima
H. neglecta
H. striata
H. variabilis
H. virgata
Helix aspersa
Hispa atra
Laspeyresia splendana
Lecanium rufulum
Lygaeus superbus
Otala vermiculata

Rhagoletis cerasi
Taeniothrips atratus
Theba pisana
T. planata
Trichia hispida

SUDAN:

Lyctus africanus
Trogoderma granarium

SURINAM:

Fundella pellucens
Maruca testulalis

SWEDEN:

Eriophyes leionotus
Pityogenes chalcographus

SWITZERLAND:

Cladius pectinicornis
Melolontha melolontha
Stenoptilia stigmatodactyla
Taeniothrips picipes

SYRIA:

Bostrichus capucinus
Penichroa fasciata

TAHITI:

Ceropastes rubens
Coccus viridis
Dacus oleae
Dialeurodes kirkaldyi
Frankliniella sulphurea
Geotomus pygmaeus
Haplothrips gowdeyi
Morganella longispina
Pentalonia nigronervosa
Prays oleellus
Protopulvinaria longivalvata
Pseudaulnobia trilobitiformis
Suidasia medianensis

TANGANYIKA:

Trogoderma granarium

THAILAND:

Pachybrachius nietneri
Parlatoria citri
P. zizyphus
Pectinophora gossypiella
Pinnaspis buxi
Trogoderma granarium

TORTOLA:

Ancylostomia stercorea
Vaginulus occidentalis(?)

TRINIDAD:

Acanthoscelides armitagei
Aganactesis indecora
Campylenchia hastata
Cylas formicarius elegantulus
Euscepes postfasciatus
Maruca testulalis
Parlatoria cinerea
Unaspis citri

Vinsonia stellifera

TUNISIA:

Parlatoria zizyphus

TURKEY:

Bruchus ervi
Ceratitidis capitata
Cochlicella ventrosa
Helicella derbentina
H. neglecta
H. protea
H. striata
H. variabilis
Megastigmus suspectus
Monacha olivieri
Otala vermiculata
Pectinophora gossypiella
Thrips major

UNION OF SOVIET SOCIALIST REPUBLICS:

Argyresthia conjugella
Ectomyelois ceratoniae

UNITED ARAB REPUBLIC:

Ceratitidis capitata
Gnorimoschema ocellatella
Lixus junci

Trogoderma granarium

UNKNOWN:

Acanthoscelides armitagei

Countries of Origin and Insects—Continued

UNKNOWN—Continued

Achaea janata
Amphimallon majalis
Aonidiella citrina
Blastodacna atra
Blosyris scopis
Cacoecimorpha pronubana
Caryedon gonagra
Ceratitis capitata
Characoma albulalis(?)
Chilo suppressalis
Chrysomphalus personatus
Cryptoblabes gnidiella
Dacus dorsalis
Earias insulana
Ectomyelois ceratoniae
Eurytoma orchidearum
Euxoa bilitura
Frankliniella formosae
F. intonsa
F. tenuicornis
Furcaspis oceanica
Gymnandrosoma aurantianum
Helicella striata
Heliothis armigera
Helix aspersa
Laspeyresia splendana
Nephotettix apicalis
Nomophila noctuella
Opogona sacchari
Ostrinia nubilalis
Otosema odorata
Pagya salvatis
Parlatoria cinerea
P. zizyphus
Peritrechus nubilus
Pheidole megacephala
Phytomyza rufipes
Pinnaspis buxi
Plagionotus arcuatus
Poecilozonites circumfirmatus
Potosia opaca
Pseudococcus boninsis
Pulvinaria psidii

Pyrrhodium sanguineum
Rhagoletis cerasi
Schoenobius incertulus
Sesamia nonagriodes
Spanioneura fonscolombeii
Taeniothrips atratus
Theba pisana
Thrips angusticeps
T. flavus
T. major
Trogoderma granarium
Unaspis citri
Unaspis yanonensis
Vinsonia stelfifera

VENEZUELA:

Acanthoscelides armilagai
Anastrepha mombinpraeoptans
Bephrata maculicollis
Cylas formicarius elegantulus
Drymaeus multilineatus
Lamellaxis gracilis
Nomophila noctuella
Orthalicus pulchellus protoglyptus
Pseudaonidia trilobitiformis
Stenoma catenifer
Synriasis diffundens(?)
Tenthecoris venezuelensis

VIETNAM:

Parlatoria citri
Sinozylon anale
S. conigerum

WEST AFRICA:

Leucinodes orbonalis
Stephanoderes hampei
Trogoderma granarium

WEST PACIFIC:

Prodenia litura

YUGOSLAVIA:

Curculio elephas
Diaspis juniperi
Ectomyelois ceratoniae
Frankliniella intonsa
Ostrinia nubilalis

Pests Collected and Reported From July 1, 1961, Through June 30, 1962

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of in- terceptions in—			Collected in—
		Consump- tion	Nonentry	Propaga- tion	
† <i>Alternaria zinniae</i> Pape: <i>Zinnia</i> sp. (seed)	Canada, Netherlands	-----	-----	2	N.J.
<i>Aphelenchoides fragariae</i> (Ritzema Bos) Christie: <i>Bletilla striata</i> (orchid) stem	Japan	-----	-----	3	N.J.
<i>Aphelenchoides subtenens</i> (Cobb) Steiner & Buhner: <i>Narcissus</i> sp.	Italy	-----	-----	1	N.Y.
† <i>Ascochyta armoraciae</i> Fekl.: <i>Armoracia lapathifolia</i> (horseradish) top	Germany	-----	1	-----	Calif.*
<i>Ascochyta citri</i> Penz.: <i>Citrus aurantium</i> (sour orange) peel	Japan	-----	1	-----	Calif.*
<i>C. grandis</i> (pummelo)	†Formosa	-----	1	-----	Calif.*
<i>C. limon</i> (lemon)	Japan	-----	1	-----	Calif.*
<i>Cercospora angraci</i> Feuill. & Roum.: <i>Epidendrum</i> sp. (orchid) leaf	Bahamas	-----	-----	1	Fla.
<i>Stanhopea</i> sp. (orchid) leaf	Canal Zone	-----	-----	1	Tex.
† <i>Cercospora cupheae</i> Syd.: <i>Cuphea</i> sp. (herbarium specimen)	Mexico	1	-----	-----	Ariz.
† <i>Cercospora erythrinae</i> Ell. & Ev.: <i>Erythrina</i> sp. (coralbean) herbarium specimen	do	1	-----	-----	Ariz.
<i>Cercospora odontoglossi</i> Frill. & Del.: Orchid (leaf)	do	-----	-----	2	Tex.
† <i>Cercospora populina</i> Ell. & Ev.: <i>Populus</i> sp. (poplar) herbarium specimen	do	1	-----	-----	Ariz.
<i>Cercospora punicae</i> P. Henn.: <i>Punica granatum</i> (pomegranate) fruit and leaf	do	3	-----	1	Tex.
† <i>Cerotelium fici</i> (Butl.) Arth.: <i>Ficus carica</i> (fig)	Dominican Republic	1	-----	-----	P.R.
† <i>Chaetopeltopsis tenuissima</i> (Petch) Th.: Orchid	Mexico(?)	-----	-----	1	Ariz.
<i>Spondias cytherea</i> (vi-apple)	Puerto Rico	1	-----	-----	P.R.
<i>S. mombin</i> (yellow mombin)	do	1	-----	-----	P.R.
<i>Chrysomya ledi</i> d. By. var. <i>rhododendri</i> (d. By.) Savile: <i>Rhododendron ferrugineum</i> (rock rhododendron) leaf	Austria, England, Italy, Switzerland, unknown	16	1	2	N.J., N.Y.
<i>Rhododendron</i> sp.	Austria, Germany, Switzerland	5	-----	-----	Ill., Mass., N.Y.
† <i>Coniella diplodiella</i> (Speg.) Petr. & Syd.: <i>Citrus aurantifolia</i> (sweet lime)	Mexico	2	-----	-----	Ariz., Tex.
† <i>Coniothecium scabrum</i> McAlp.: <i>Citrus reticulata</i> (Mandarin orange)	Japan	3	-----	-----	Hawaii.
<i>Coniothyria agaves</i> (Dur. & Mont.) Petr. & Syd.: <i>Agave</i> sp.	Mexico	-----	-----	1	Tex.
<i>Coniothyrium cytisellum</i> (Pass. & Thuem.) Sacc.: <i>Laburnum X watereri</i> (Waterer laburnum)	Netherlands	-----	-----	2	N.J.
† <i>Coniothyrium trabutii</i> A. Riza: <i>Pelargonium</i> sp. (geranium) leaf	Mexico	-----	-----	1	Tex.
<i>Corynebacterium fascians</i> (Tilford) Dows.: <i>Dahlia</i> hybrid (crown)	Unknown	-----	-----	1	N.J.
† <i>Criconea celestem</i> Wu: Soil with <i>Anthurium</i> sp. plant	Mexico	-----	-----	1	Tex.
† <i>Criconeoides curvatum</i> Raski: Soil with <i>Begonia</i> sp.	Argentina	-----	-----	1	N.Y.
Soil with unidentified plant	Mexico	-----	-----	1	Ariz.
<i>Criconeoides mutabile</i> Taylor: Soil with plants (<i>Azorepus</i> sp., <i>Cissus</i> sp., <i>Philodendron</i> sp., and <i>Pinus</i> sp.)	do	-----	-----	4	Ariz., Tex.
† <i>Criconeoides peruviana</i> (Steiner) Taylor: Soil with <i>Begonia</i> sp.	do	-----	-----	1	Tex.
<i>Cronartium quercuum</i> (Berk.) Shirai: <i>Quercus emoryi</i> (Emory oak)	do	1	-----	-----	Ariz.
<i>Quercus</i> sp. (dry leaf)	Japan	-----	1	-----	N.Y.
<i>Cronartium ribicola</i> Fisch. v. Waldh.: <i>Ribes</i> sp. (currant) leaf	Canada	1	-----	-----	Mass.
<i>Cryptocline paradoxa</i> (de N.) Arx: <i>Hedera helix</i> 'Hibernica' (Irish ivy)	Netherlands	-----	-----	1	N.J.
<i>Cryptospora longispora</i> Servazzi: <i>Araucaria excelsa</i> (Norfolk-Island-pine) seed	Australia, New Zealand, Norfolk Island	-----	-----	9	Calif.* Fla., N.J.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of inter- ceptions in—			Collected in—
		Consump- tion	Nonentry	Propaga- tion	
<i>Cumminsia mirabilissima</i> (Pk.) Nannf.:					
<i>Mahonia aquifolium</i> (Oregon-grape) leaf.....	France.....		1		Mass.
<i>Mahonia</i> sp.....	Unknown.....		2		N.Y.
† <i>Cylindrosporium castaneae</i> (Lev.) Krenner:					
<i>Castanea</i> sp. (chestnut) leaf.....	Italy(?).....		1		N.Y.
<i>Cytospora punica</i> Sacc.:					
<i>Punica granatum</i> (pomegranate).....	Mexico.....	1			Tex.
† <i>Cytospora translucens</i> Sacc.:					
<i>Salix</i> sp. (willow) basket.....	Switzerland.....	1			Mass.
† <i>Dendrodochium rubellum</i> Sacc.:					
<i>Chamaedorea ernesti-augustii</i> (seed).....	Mexico.....			1	Calif.
† <i>Dendrophoma pulvis-pyrus</i> Sacc.:					
<i>Malus sylvestris</i> (apple).....	Italy.....		1		N.Y.
† <i>Diaporthe camelliae</i> F. Tassi:					
<i>Camellia japonica</i> (twig).....	New Zealand.....			1	Fla.
† <i>Didymascella (Keithia) thujina</i> (Dur.) Maire:					
<i>Thuja</i> sp. (arborvitae) leaf.....	Canada.....			1	N.Y.
<i>Didymellina ornithogali</i> Jacques:					
<i>Ornithogalum thyrsoides</i> (Cape chinkerichee) flower and stem.....	Republic of South Africa.....	2			N.Y.
† <i>Diplodia coccocarpa</i> Sacc.:					
<i>Cocos nucifera</i> (coconut) cap.....	Nicaragua.....	1			Calif.*
<i>Diplodia oryzae</i> I. Miyake:					
<i>Oryza sativa</i> (rice) straw.....	Japan.....		31		Calif.*
† <i>Diplodina salicis</i> West.:					
<i>Salix</i> sp. (willow) rooted twig.....	Denmark.....			1	Pa.
<i>Ditylenchus destructor</i> Thorne:					
<i>Colchicum giganteum</i> (autumn-crocus).....	Netherlands.....			1	N.Y.
<i>Gladiolus nanus</i> 'Blushing Bride'.....	do.....			1	N.Y.
<i>Ditylenchus dipsaci</i> (Kühn) Filip.:					
<i>Allium cepa</i> (onion) sets.....	England.....			1	N.Y.
<i>A. sativum</i> (garlic).....	Mexico.....	3			Tex.
<i>Narcissus</i> 'Ripple' (bulb).....	England.....			1	N.J.
† <i>Dothidella depazeoides</i> (Desm.) Th. & Syd.:					
<i>Buxus</i> sp. (boxwood) foliage.....	Spain.....		1		Mass.
<i>Dothiorella pericarpica</i> Sacc.:					
<i>Macrozamia</i> sp. (cycad) seed.....	Australia.....			1	Calif.*
<i>Dothiorella phomiformis</i> (Sacc.) Petr. & Syd.:					
<i>Quercus</i> sp. (oak) leaf.....	Japan.....		1		N.Y.
† <i>Elsinoe ampelina</i> Shear:					
<i>Vitis vinifera</i> (European grape) stem.....	Germany.....			1	N.Y.
<i>Vitis</i> sp. (cutting).....	Italy.....			1	N.Y.
<i>Elsinoe australis</i> Bitanc. & Jenkins:					
<i>Citrus aurantifolia</i> (lime).....	Argentina, Brazil.....		7		Calif.,* La., Pa., P.R.
<i>C. limon</i> (lemon).....	Argentina, Brazil.....	1	30		Calif.,* Fla., Ga., Hawaii, La., N.Y., Pa.
<i>C. paradisi</i> (grapefruit).....	Argentina, Brazil.....		5		Calif.,* Fla., Ga., La., Pa.
<i>C. reticulata</i> (Mandarin orange).....	Argentina, Brazil, Paraguay, un- known.....	6	14		Ariz., Calif.,* Fla., Ga., Hawaii, La., N.Y., Pa.
<i>C. reticulata</i> hybrid.....	Argentina.....		2		N.Y.
<i>C. reticulata</i> X <i>C. sinensis</i> (tanger).....	do.....	1	1		N.Y.
<i>C. sinensis</i> (sweet orange).....	Argentina, Brazil, Paraguay, un- known, Uruguay.....	13	133		Ala., Calif.,* Fla., Ga., Hawaii, La., Md., Mass., Mich., N.Y., Pa., P.R., S.C., Tex.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Elsinoe mangiferae</i> Bitanc. & Jenkins: <i>Mangifera indica</i> (mango)-----	†Dominican Republic, Puerto Rico.	2	1	-----	Pa., P.R.
<i>Elsinoe phaseoli</i> Jenkins: <i>Phaseolus lunatus</i> (lima bean) pod-----	Puerto Rico-----	1	-----	-----	Ill.
<i>Elsinoe piri</i> (Wor.) Jenkins: <i>Malus sylvestris</i> (apple)-----	Spain-----	-----	1	-----	La.
† <i>Fusarium larvarum</i> Fekl.: <i>Zelkova serrata</i> (Japanese zelkova) dwarf tree-----	Japan-----	-----	-----	1	Calif.*
<i>Graphiola borassi</i> Syd. & Butl.: <i>Borassus flabellifera</i> (palmyra palm)-----	India-----	2	-----	-----	N.Y., Tex.
†"Greasy spot": <i>Citrus reticulata</i> (Mandarin orange) leaf-----	Guadeloupe-----	-----	1	-----	Md.
<i>C. sinensis</i> (sweet orange) leaf-----	Jamaica-----	1	-----	-----	Fla.
<i>Guignardia</i> (<i>Phoma</i>) <i>citricarpa</i> Kiely: <i>Citrus aurantifolia</i> (lime)-----	Australia-----	-----	1	-----	Hawaii.
<i>C. aurantium</i> (sour orange)-----	Japan-----	-----	3	-----	Calif.,* Wash.
<i>C. grandis</i> (pummelo)-----	Formosa, Japan, unknown.	2	2	-----	Calif.,* Mich., N.Y.
<i>C. limon</i> (lemon)-----	Argentina, Australia, Brazil, Formosa, Hong Kong, Japan, Republic of South Africa, Singapore, unknown.	1	62	-----	Calif.,* Fla., Hawaii, Ill., La., Mass., Mich., N.Y., Pa., S.C., Wash.
<i>C. paradisi</i> (grapefruit)-----	Australia, Formosa, Hong Kong, Japan, Republic of South Africa.	1	8	-----	Calif.,* La., Mass., N.Y., Pa., Tex.
<i>C. paradisi</i> X <i>C. reticulata</i> (tangelo)-----	Japan, †Korea-----	2	1	-----	Hawaii.
<i>C. reticulata</i> (Mandarin orange)-----	Australia, China, Formosa, Hong Kong, Japan, †Korea, Okinawa, Philippines, †Tahiti(?), unknown, Vietnam.	90	10	-----	Calif.,* Hawaii, Ill., Mass., N.Y., Wash.
<i>C. sinensis</i> (sweet orange)-----	Argentina, Australia, Brazil, China, Federation of Malaya, Formosa, Hong Kong, Japan, Macao, Mozambique, Okinawa, Philippines, Republic of South Africa, †Tahiti(?), Thailand, unknown.	101	128	-----	Calif.,* Fla., Ga., Hawaii, Ill., La., Md., Mass., Mich., Minn., N.J., N.Y., Ohio, Pa., P.R., S.C., Tex., Wash.
<i>Citrus</i> sp. (dry peel, fruit, and leaf)-----	Asia (country (?)), China, Formosa, Hong Kong, Japan, unknown.	49	2	-----	Bahamas, Calif.,* Ga., Ill., Mass., Mich., N.Y., Tex., Wash.
<i>Fortunella</i> sp. (?) (kumquat) leaf-----	Hong Kong-----	1	-----	-----	Hawaii.
† <i>Gymnosporangium cornutum</i> Kern.: <i>Sorbus aucuparia</i> (European mountainash)-----	Finland, Norway-----	2	-----	1	Mass., N.Y.
<i>Gymnosporangium haraeaeum</i> Syd.: <i>Juniperus chinensis</i> (pyramid Chinese juniper)-----	Japan-----	-----	-----	3	Hawaii.
† <i>Helicotylenchus buzophilus</i> (Golden) Perry: Soil with <i>Euonymus</i> sp. plant-----	Mexico-----	-----	-----	1	Tex.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
† <i>Helicotylenchus dihystra</i> (Cobb) Sher: Soil with propagative material (<i>Begonia</i> sp., <i>Caladium</i> sp., <i>Citrus</i> sp., <i>Euphorbia</i> sp., <i>Ficus elastica</i> , <i>Impatiens balsamina</i> , <i>Lilium</i> sp., <i>Portulaca</i> sp., <i>Prunus persica</i> , <i>Rhododendron</i> sp., <i>Ruta graveolens</i> , <i>Sansevieria</i> sp., succulent, <i>Tradescantia</i> sp., and unidentified plants).	Azores, Argentina, Brazil, England, Mexico.	-----	-----	15	Ariz., Mass., N.Y., Tex.
<i>Helicotylenchus nannus</i> Steiner: Soil with propagative material (<i>Aglaonema</i> sp., <i>Asparagus sprengeri</i> , <i>Begonia</i> sp., <i>Dioon edule</i> , fern, <i>Hydrangea</i> sp., and <i>Mentha</i> sp.).	Italy, Mexico-----	-----	-----	7	N.Y., Tex.
<i>Heterodera avenae</i> (Wv.) Filip.: Soil-----	Germany-----	1	-----	-----	N.J.
Soil with <i>Allium sativum</i> (garlic)-----	Italy-----	2	-----	-----	N.J.
Soil with automobile-----	England, Germany-----	2	-----	-----	Fla.
Soil with <i>Colocasia esculenta</i> (dasheen)-----	†Azores-----	1	-----	-----	N.Y.
Soil with military cargo-----	England, France-----	3	-----	-----	N.J.
Soil with propagative material (cactus, <i>Larix</i> sp., and <i>Prunus persica</i>).-----	Austria, Germany, Italy-----	-----	-----	3	N.J., N.Y.
Soil with <i>Solanum tuberosum</i> (potato)-----	†Canary Islands-----	-----	1	-----	Tex.
<i>Heterodera cacti</i> Filip. & Schuurm. Stek.: Soil sample-----	Mexico-----	1	-----	-----	Tex.
Soil with <i>Allium sativum</i> (garlic)-----	do-----	6	-----	-----	N.Y.
Soil with bagging (cover on cotton bale)-----	do-----	1	-----	-----	Tex.
Soil with propagative material (<i>Amaryllis</i> sp., <i>Begonia</i> sp., <i>Bougainvillea</i> sp., cactus, <i>Dahlia</i> hybrid, <i>Euphorbia</i> sp., <i>Ficus elastica</i> , <i>Lilium</i> sp., <i>Opuntia</i> sp., <i>Pelargonium</i> sp., <i>Portulaca</i> <i>grandiflora</i> , <i>Tradescantia</i> sp., and unidentified plants).	Austria, †Belgium, †Costa Rica, Eng- land, France, Ger- many, Italy, Mex- ico, †Peru, †Sweden.	-----	-----	63	Ariz., Calif.,* Fla., N.J., N.Y., Tex.
Soil with railway car-----	Mexico-----	-----	2	-----	Tex.
Soil with <i>Solanum tuberosum</i> (potato)-----	do-----	-----	1	-----	La.
Soil with tractor-----	do-----	1	-----	-----	Tex.
<i>Heterodera humuli</i> Filip.: Soil with <i>Humulus lupulus</i> (hops)-----	Germany-----	-----	-----	1	N.Y.
<i>Heterodera punctata</i> Thorne: Soil-----	Mexico-----	2	-----	-----	Tex.
Soil with army tanks-----	Germany-----	1	-----	-----	Md.
Soil with automobile-----	England, Germany, Ireland(?), Sweden.	8	-----	-----	Fla., Ill., Md., Mass. Pa.
Soil with <i>Colocasia esculenta</i> (dasheen)-----	†Portugal-----	1	-----	-----	Mass.
Soil with military cargo-----	†Morocco-----	1	-----	-----	N.J.
Soil with mudbird nest-----	†Argentina-----	1	-----	-----	Fla.
Soil with propagative material (<i>Begonia</i> sp., cactus, <i>Ficus elastica</i> , <i>Lavandula</i> sp., <i>Lilium</i> sp., <i>Musa paradisiaca</i> var. <i>sapientum</i> , <i>Pelargonium</i> sp., <i>Philodendron</i> sp., <i>Sedum</i> sp., <i>Sequoia</i> sp., unidentified cutting and plant, and <i>Viola</i> sp.).-----	England, Germany, Ireland, Italy, Mexico, Norway, Sweden, unknown.	-----	-----	27	Ariz., Ill., Mass., Mich., N.J., N.Y., Tex.
Soil with semi-trailer-----	England-----	1	-----	-----	N.J.
Soil with stores (<i>Apium graveolens</i> , <i>Brassica</i> <i>rapa</i> , and <i>Solanum tuberosum</i>).-----	Belgium, Nether- lands, Wales. Ireland-----	-----	3	-----	Fla., La.
Soil with <i>Trifolium repens</i> var. (shamrock)-----	Ireland-----	1	-----	1	Ill., Pa.
<i>Heterodera rostochiensis</i> Wv.: Soil-----	Germany, Mexico, Poland-----	5	-----	-----	Ala., Ill., N.J., N.Y., Tex.
Soil with <i>Allium cepa</i> (onion)-----	England, Germany-----	1	-----	1	Ill., N.Y.
Soil with automobile-----	England, France, Germany-----	9	-----	-----	Ala., Fla., La., Md., Tex.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Heterodera rostochiensis</i> Wr.—Continued					
Soil with propagative material (Araceae, <i>Asparagus sprengeri</i> , bromeliad, cactus, <i>Calluna vulgaris</i> , <i>Coleus</i> sp., conifer, <i>Convallaria majalis</i> , <i>Dahlia</i> hybrid, <i>Fragaria</i> sp., <i>Gladiolus</i> hybrid, <i>Hedera</i> sp., <i>Lavandula</i> sp., <i>Oralis</i> sp., <i>Pelargonium</i> sp., <i>Polygonum tuberosa</i> , <i>Primula</i> sp., <i>Ribes</i> sp., <i>Saintpaulia</i> sp., Sapindaceae, <i>Sedum</i> sp., <i>Solanum pseudocapsicum</i> , <i>Syringa</i> sp., <i>Trifolium repens</i> var., unidentified bulb and plant, and <i>Viola</i> sp.)	England, Germany, Ireland, Mexico, Peru, Scotland, Sweden, unknown.	-----	-----	37	Ariz., Calif.,* Ill., Mass., Mich., N.J., N.Y., Pa., Tex.
Soil with <i>Solanum andigena</i> (tuber)	Peru	1	-----	-----	Calif.*
Soil with <i>Solanum tuberosum</i> (potato)	Denmark, England, Germany, Ireland, Peru, Scotland, Sweden, unknown.	3	15	-----	Ala., Calif.,* Fla., La., Md., Mass., N.J., N.C., Tex., Wash.
Soil with stores (<i>Apium graveolens</i> , <i>Armoracia lapathifolia</i> , <i>Beta vulgaris</i> , and <i>Brassica rapa</i>)	England, France, Germany, Netherlands.	-----	10	-----	Fla., Tex., Wash.
Soil with tree fern log	Mexico	1	-----	-----	Tex.
† <i>Hypoxyylon marginatum</i> (Schw.) Berk.: Wood (log)	Philippines	1	-----	-----	Hawaii.
<i>Kuehneola uredinis</i> (Lk.) Arth.: <i>Rubus</i> sp. (leaf)	France, unknown.	-----	3	-----	Mass.
<i>Leptosphaeria eustomoides</i> Sacc.: <i>Triticum aestivum</i> (wheat) straw	Japan, Norway	-----	8	-----	Calif.*
<i>Leptosphaeria protearum</i> Syd.: <i>Protea</i> sp. (leaf)	Republic of South Africa.	1	-----	-----	N.Y.
<i>Lophodermium arundinaceum</i> (Fr.) Chev.: <i>Phragmites</i> sp. (reed)	Czechoslovakia, Germany.	3	-----	-----	Ill., Mass.
† <i>Lophodermium juniperinum</i> (Fr.) de N.: <i>Juniperus communis</i> (common juniper)	England	-----	-----	1	N.J.
† <i>Lophodermium piceae</i> (Fekl.) Hoehn.: <i>Picea</i> sp. (spruce) needles	Switzerland	1	-----	-----	N.Y.
<i>Macrophoma araucariae</i> De Lac.: <i>Araucaria cookii</i> (seed)	New Zealand	-----	-----	1	Calif.*
<i>A. excelsa</i> (Norfolk-Island-pine) seed	Australia, New Zealand, Norfolk Island.	-----	-----	5	Calif.*
† <i>Macrophoma dalmatica</i> (Thuem.) Berl. & Vogl.: <i>Olea europaea</i> (olive)	Lebanon	1	-----	-----	Tex.
<i>Macrophoma musae</i> (Cke.) Berl. & Vogl.: <i>Musa</i> sp. (banana)	American Samoa, Nepal, Singapore.	2	1	-----	Hawaii, Mass.
† <i>Marssonina fragariae</i> (Sacc.) Kleb.: <i>Fragaria</i> sp. (strawberry) leaf	Venezuela	-----	-----	1	P.R.
<i>Meloidogyne arenaria</i> (Neal) Chitwood: <i>Achimenes</i> sp. (tuber)	India	-----	-----	1	N.Y.
<i>Aconitum</i> sp. (root)	Netherlands	-----	-----	1	N.Y.
<i>Agapanthus</i> sp. (root)	†Brazil	-----	-----	1	Fla.
<i>Begonia</i> sp. (root)	Mexico	-----	-----	1	Tex.
Cactus (root)	Peru	-----	-----	1	Fla.
<i>Caladium X hortulanum</i> 'Candidum' (tuber)	Guatemala	-----	-----	1	N.J.
<i>Dioscorea</i> sp. (yam)	Japan	-----	2	-----	Calif.*
<i>Hedychium</i> sp. (gingerlily) root	†Panama	-----	-----	1	Fla.
<i>Lactuca sativa</i> (lettuce) root	†West Africa	-----	1	-----	Mass.
<i>Peperomia</i> sp. (plant)	Mexico	-----	-----	1	Tex.
<i>Solanum tuberosum</i> (potato)	Argentina, †Brazil	-----	2	-----	Pa.
Succulent plant	Mexico	-----	-----	1	Tex.
<i>Ulmus</i> sp. (elm) root of dwarf tree	Japan	-----	-----	1	Calif.*
<i>Zingiber officinale</i> (ginger) root	†Panama	-----	-----	1	Fla.
† <i>Meloidogyne arenaria arenaria</i> (Neal) Chitwood: <i>Caladium</i> sp. (root)	Guatemala	-----	-----	1	Fla.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Meloidogyne arenaria thamesi</i> Chitwood:					
<i>Dahlia</i> hybrid (root).....	Japan.....			1	Calif.*
<i>Gladiolus</i> hybrid (corm).....	do.....			2	Calif.*
<i>Hosta sieboldiana</i> (Siebold plantainlily).....	do.....			1	N.J.
<i>Solanum tuberosum</i> (potato).....	do.....		1		Calif.*
<i>Meloidogyne hapla</i> Chitwood:					
<i>Achimenes</i> sp. (tuber).....	†India.....			1	N.Y.
<i>Aconitum</i> sp. (root).....	England, Netherlands.....			3	N.Y.
<i>Agastache cana</i> (mosquito-plant) root.....	England.....			1	N.J.
<i>Aster farreri</i> 'Berggarten' (Farrer aster).....	Netherlands.....			1	N.J.
<i>Chrysanthemum arcticum</i> (root).....	†Switzerland.....			1	N.J.
<i>Clematis lawsoniana</i> (root).....	Netherlands.....			1	N.Y.
<i>C. patens</i> 'Dutchess of Edinburgh' (root).....	do.....			1	N.Y.
<i>C. vedrariensis</i> (root).....	England.....			1	D.C.
<i>Clematis</i> hybrid (root).....	England, †France, Netherlands.....			13	D.C., N.Y.
<i>Delphinium</i> sp. (root).....	Netherlands.....			1	N.Y.
<i>Fragaria</i> sp. (strawberry) root.....	†France.....			3	N.Y.
<i>Gerbera</i> sp. (root).....	†India.....			1	N.Y.
<i>Geum</i> sp. (root).....	Netherlands.....			1	N.J.
<i>Hepatica</i> sp. (root).....	England, Japan.....			2	D.C., N.J.
<i>Oenothera fruticosa</i> 'W. Cuthbertson' (common sundrops) root.....	Netherlands.....			1	N.J.
<i>Pelargonium</i> sp. (geranium) root.....	do.....			1	N.Y.
<i>Potentilla</i> sp. 'Klondike' (root).....	do.....			1	N.Y.
<i>Pyrethrum</i> sp. (root).....	England, Netherlands.....			2	N.Y.
<i>Teucrium montanum</i> (germander) root.....	Germany.....			1	N.J.
<i>Viburnum grandiflorum</i> (root).....	England.....			1	D.C.
<i>Meloidogyne incognita</i> (Kofoid & White) Chitwood:					
<i>Alocasia macrorrhiza</i> 'Mottled' (root).....	Mexico.....			1	Tex.
<i>Alocasia</i> sp. (root).....	do.....			2	Tex.
<i>Anthurium</i> sp. (root).....	Trinidad.....			1	Fla.
<i>Begonia</i> sp. (root).....	Brazil, Mexico, †Portugal.....			4	N.J., N.Y., Tex.
<i>Beta vulgaris</i> (beet) root.....	Brazil, Mexico.....	2	1		Fla., Tex.
<i>Cactus</i> (root).....	Mexico.....			1	Tex.
<i>Caladium</i> sp. (root).....	do.....			1	Tex.
<i>Capsicum annuum</i> (pepper) root.....	do.....			1	Tex.
<i>Coleus</i> sp. (root).....	do.....			1	Tex.
<i>Colocasia esculenta</i> (dasheen).....	Cuba.....	1			Fla.
<i>Cordyline terminalis</i> (ti).....	Mexico.....			1	Ariz.
<i>Daucus carota</i> var. <i>sativa</i> (carrot).....	Italy, Mexico.....	2	1		Pa., Tex.
<i>Daucus</i> sp. (root).....	Mexico.....	1			Tex.
<i>Dieffenbachia amoena</i> (tuffroot) root.....	do.....			1	Tex.
<i>Echeveria</i> sp. (root).....	do.....			3	Tex.
<i>Epiphyllum</i> sp. (cactus) root.....	do.....			1	Tex.
<i>Gardenia jasminoides</i> (root).....	do.....			1	Tex.
<i>Gladiolus</i> hybrid (corm).....	Japan.....			1	Calif.*
<i>Gypsophylla paniculata</i> (babysbreath) grafts.....	do.....			1	Calif.*
<i>Heliconia</i> sp. (root).....	Dominican Republic, †Ecuador.....			2	Fla.
<i>Heceta plantaginea</i> (root).....	Japan.....			1	N.J.
<i>Ipomoea batatas</i> (sweetpotato).....	Mexico, †Sierra Leone.....	1	1		Calif.,* Md.
<i>Kaempferia rotunda</i> (tuber).....	India.....			1	N.J.
<i>Lonicera</i> sp. (honeysuckle) root.....	Mexico.....			1	Tex.
<i>Ornithogalum thyrsoides</i> (Cape chinkerichiee) bulb.....	Republic of South Africa.....			1	N.Y.
<i>Petroselinum crispum</i> (parsley) root.....	†Panama.....		1		Md.
<i>Polianthes tuberosa</i> (tuberoso) bulb.....	Mexico.....			1	Ariz.
<i>Ravenala madagascariensis</i> (travelers palm) root.....	Cuba.....			1	Fla.
<i>Sansevieria</i> sp. (root).....	Mexico.....			1	Tex.
<i>Solanum tuberosum</i> (potato).....	Brazil, Mexico.....	1	2		Ariz., Calif.,* Pa.
<i>Solanum</i> cv. 57, C.T. 11 (tuber).....	Mexico.....			1	D.C.
<i>Zantedeschia elliottiana</i> (golden calla lily) tuber.....	Japan.....			1	N.J.
<i>Zebrina pendula</i> (wanderingjew zebrina).....	Mexico.....			1	Tex.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonconsumption	Propagation	
<i>Meloidogyne incognita acrita</i> Chitwood:					
<i>Alocasia</i> sp. (root).....	Mexico.....	-----	-----	1	Tex.
<i>Andropogon nardus</i> (bluestem grass).....	do.....	-----	-----	1	Tex.
<i>Astilbe</i> 'Serenade' (root).....	Netherlands.....	-----	-----	1	N.J.
<i>Caladium</i> sp. (tuber).....	†Guatemala.....	-----	-----	2	Fla.
<i>Canna indica</i> (?) (India canna) root.....	Republic of South Africa.....	-----	-----	1	N.J.
<i>Euphorbia</i> sp. (root).....	do.....	-----	-----	1	Calif.*
<i>Fagraea berteriana</i> (root).....	†Tahiti.....	-----	-----	1	Hawaii.
<i>Ficus</i> sp. (fig) root.....	Italy.....	-----	-----	1	N.J.
<i>Gardenia</i> sp. (root).....	Mexico.....	-----	-----	1	Tex.
<i>Gladiolus cardinalis</i> (cardinal gladiolus).....	Republic of South Africa.....	-----	-----	1	D.C.
<i>Ipomoea batatas</i> (sweetpotato).....	Japan.....	-----	1	-----	Calif.*
<i>Lactuca sativa</i> (lettuce) root.....	†Morocco.....	-----	1	-----	Mass.
<i>Sedum</i> sp. (root).....	Italy.....	-----	-----	1	N.Y.
<i>Solanum tuberosum</i> (potato).....	Chile, Mexico.....	-----	1	1	Ariz., Pa.
<i>Zantedeschia</i> sp. (calla lily).....	†Azores.....	-----	-----	1	S.C.
<i>Zingiber officinale</i> (ginger) root.....	Japan.....	-----	1	-----	Calif.*
† <i>Meloidogyne incognita incognita</i> (Kofoid & White) Chitwood:					
<i>Lycopersicon esculentum</i> (tomato) root.....	Mexico.....	1	-----	-----	Calif.
<i>Meloidogyne javanica</i> (Treub) Chitwood:					
<i>Agave</i> sp. (root).....	†Spain.....	-----	-----	1	N.Y.
<i>Arum</i> sp. (root).....	Cuba.....	1	-----	-----	N.Y.
<i>Caryopteris X clandonensis</i> (bluebeard).....	†England.....	-----	-----	1	D.C.
<i>Caryopteris</i> 'Ferndonn' (root).....	do.....	-----	-----	1	D.C.
<i>Cirsium rivulare</i> var. <i>atropurpureum</i> (root).....	†Germany.....	-----	-----	1	N.J.
<i>Dioscorea spiculiflora</i> (tuber).....	Mexico.....	-----	-----	1	D.C.
<i>Dioscorea</i> sp. (yam) tuber.....	Japan.....	-----	3	-----	Calif.,* Pa.
<i>Dracena</i> sp. (root).....	Mexico.....	-----	-----	1	Ariz.
<i>Euphorbia clandestina</i> (root).....	Republic of South Africa.....	-----	-----	1	Calif.*
<i>E. fasciculata</i> (root).....	do.....	-----	-----	1	Calif.*
<i>Fragaria</i> sp. (strawberry) root.....	France.....	-----	-----	1	N.Y.
<i>Gerbera</i> sp. (root).....	India.....	-----	-----	1	Fla.
<i>Gladiolus hybrid</i> (corm).....	Japan.....	-----	-----	5	Calif.*
<i>Iris hybrid</i> (rhizome).....	Republic of South Africa.....	-----	-----	1	N.Y.
<i>Ornithogalum thyrsoides</i> (Cape chinkerichee) bulb.....	do.....	-----	-----	1	N.Y.
<i>Polygonum tuberosum</i> (tuberose) bulb.....	Mexico.....	-----	-----	1	Ariz.
<i>Viburnum</i> sp. (root).....	†England.....	-----	-----	1	D.C.
<i>Zantedeschia elliptica</i> (golden calla lily) bulb.....	Japan.....	-----	-----	2	Calif.,* Fla.
<i>Zingiber</i> sp. (ginger) root.....	†Costa Rica.....	-----	-----	1	Tex.
† <i>Meloidogyne javanica javanica</i> (Treub) Chitwood:					
<i>Hibiscus</i> sp. (root).....	Canal Zone.....	-----	-----	1	Calif.*
<i>Iris hybrid</i> (root).....	Jamaica.....	-----	-----	1	Fla.
<i>Izora</i> sp. (root).....	Canal Zone.....	-----	-----	1	Calif.*
<i>Zingiber</i> sp. (ginger) root.....	do.....	-----	-----	1	Calif.*
<i>Monilinia fructigena</i> (Aderh. & Ruhl.) Honey:					
<i>Malus sylvestris</i> (apple).....	Sweden.....	1	-----	-----	N.Y.
<i>Prunus domestica</i> (plum).....	France, Germany.....	1	1	-----	Pa.
<i>Prunus</i> sp. (cherry).....	France, Spain.....	1	1	-----	Pa.
† <i>Mycosphaerella acicola</i> (Cke. & Harkn.) Lindau:					
<i>Pinus</i> sp. (pine) needles.....	Unknown.....	-----	1	-----	Mich.
<i>Mycosphaerella fragariae</i> (Tul.) Lindau:					
<i>Fragaria</i> sp. (strawberry) leaf.....	Canada, Germany, †Poland.....	-----	-----	5	Calif.,* N.Y.
† <i>Mycosphaerella palmarum</i> Miles:					
<i>Palm</i> (leaf).....	Bahamas.....	1	-----	-----	Bahamas.
<i>Mycosphaerella schoenoprasii</i> (Ces. & de N.) Schroet.:					
<i>Allium cepa</i> (onion).....	†New Zealand.....	1	-----	-----	Calif.*
<i>A. fistulosum</i> (Welsh onion) leaf.....	Japan.....	-----	5	-----	N.Y., Pa.
<i>A. porrum</i> (leek).....	Japan, †New Zealand, Spain.....	-----	14	-----	Calif.,* N.Y., Ohio, Pa., P.R.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
† <i>Mycosphaerella taxodii</i> (Cke.) Lindau: <i>Taxodium</i> sp. (bald cypress).....	Mexico.....	1			Ariz.
† <i>Myiocypron corrientinum</i> Speg.: <i>Catleya</i> sp. (orchid) leaf.....	do.....			1	Tex.
<i>Oncidium</i> sp. (orchid) pseudobulb.....	British Honduras.....			1	Tex.
† <i>Myiocypron pereirae</i> Tassi: <i>Pterocarpus violaceum</i> (padauk) seed.....	Brazil.....			1	N.Y.
† <i>Nectria infusaria</i> Cke. & Harkn.: <i>Acacia costaricensis</i> (stem).....	Canal Zone.....	1			N.J.
<i>Neovossia horrida</i> (Tak.) Padw. & A. Khan: <i>Oryza sativa</i> (rice).....	Italy, Japan.....	1	124		Calif.,* N.Y.
<i>Ophiodothella orchidearum</i> Cash & Watson: <i>Epidendrum aromaticum</i> (orchid).....	Mexico.....			1	Tex.
<i>E. laucheum</i> (orchid).....	†Costa Rica.....			1	Calif.*
<i>Odontoglossum</i> sp. (orchid).....	Mexico.....			1	Tex.
Orchid.....	do.....			1	Ariz.
<i>Papularia vinosa</i> (Berk. & Curt.) Mason: <i>Bambusa</i> sp. (bamboo).....	do.....			1	Ariz.
<i>Phaeosphaerella senniana</i> Sacc.: <i>Protea</i> sp. (cut flower).....	Republic of South Africa.....	1			Mass.
† <i>Phakopsora gossypii</i> (Arth.) Hirat. f.: <i>Gossypium</i> sp. (cotton) leaf.....	Haiti.....	1			Fla.
<i>Phakopsora jatrophiicola</i> Cumm.: <i>Jatropha gossypifolia</i> (leaf).....	Dominican Republic.....	1			Fla.
† <i>Phlyctaena ficum</i> F. Henn.: <i>Ficus</i> sp. (herbarium specimen).....	Mexico.....	1			Ariz.
† <i>Phoma demissa</i> Sacc.: <i>Clematis</i> hybrid (leaf).....	France.....			1	N.J.
† <i>Phomopsis cedrelae</i> Camara: <i>Cedrela odorata</i> (cigarbox cedrela) seed.....	Dominica.....			1	N.Y.
† <i>Phyllachora engleri</i> Speg.: <i>Anthurium</i> sp. (leaf).....	Honduras.....			1	Fla.
† <i>Phyllachora graminis</i> (Fr.) Fekl.: <i>Elymus virginicus</i> (Virginia wildrye) seed.....	Denmark.....			1	N.J.
Grass—unidentified (plant).....	Honduras.....			1	Fla.
† <i>Phyllosticta bromelae</i> Alm. & Cam.: Bromeliad.....	Mexico.....			1	Tex.
<i>Phyllosticta hedericola</i> Dur. & Mont.: <i>Hedera helix</i> (English ivy).....	England.....		4		Mass.
† <i>Phyllosticta parkinsoniae</i> Ell. & Ev.: <i>Parkinsonia</i> sp. (leaf).....	Mexico.....	1	1		Tex.
† <i>Phyllosticta phaseolina</i> Sacc.: <i>Phaseolus vulgaris</i> (bean).....	do.....	1			Tex.
<i>Phyllosticta ruscicola</i> Dur. & Mont.: <i>Ruscus aculeatus</i> (butchersbroom) leaf.....	Italy.....	1			Ohio.
<i>Ruscus</i> sp.....	do.....	1			Mich.
<i>Phyllostictina pyriformis</i> Cash & Watson: <i>Dendrobium</i> sp. (orchid).....	Hawaii.....			2	Hawaii.
<i>Laelia</i> sp. (orchid).....	Guatemala.....			1	Tex.
Orchid (leaf).....	Mexico.....			1	Tex.
<i>Rhynchosyllis</i> sp. (orchid) leaf.....	Thailand.....			1	N.Y.
<i>Stanhopea</i> sp. (orchid).....	Mexico.....			1	Tex.
<i>Vanda</i> sp. (orchid).....	Hawaii.....			1	Hawaii.
† <i>Pleospora microspora</i> Niessl: <i>Phragmites communis</i> (reed) leaf.....	Netherlands.....	1			Mass.
† <i>Pleospora samarae</i> Fekl.: <i>Fraxinus ornus</i> (flowering ash).....	Italy.....			1	N.J.
† <i>Pratylenchus coffeae</i> (Zimmermann) Goodey: <i>Dahlia</i> hybrid (root).....	Australia.....			2	N.J.
<i>Dioscorea</i> sp. (yam) tuber.....	Jamaica.....	1			Fla.
Soil with <i>Ruta graveolens</i> (common rue).....	Mexico.....			1	Ariz.
<i>Pratylenchus penetrans</i> (Cobb) Chitwood & Oteifa: <i>Clematis</i> hybrid (root).....	Netherlands.....			1	N.Y.
<i>Ligularia przewalskii</i> (goldenray) root.....	do.....			1	N.J.
<i>Tricyrtis</i> sp. (toadlily) root.....	do.....			1	N.Y.
† <i>Pratylenchus scribneri</i> Steiner: <i>Malus</i> sp. (apple) root stock.....	Canada.....			1	Wash.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Prospodium appendiculatum</i> (Wint.) Arth.: <i>Tecoma stans</i> var. <i>incisum</i>	Mexico.....	1			Ariz.
† <i>Pseudolachnea bubakii</i> Ranojevic: <i>Acer japonicum</i> (fullmoon maple) twig.....	Italy.....			1	N.J.
† <i>Puccinia abyssinica</i> (P. Henn.) Syd.: <i>Jasminum abyssinicum</i> (leaf).....	Ethiopia.....			1	D.C.
<i>Puccinia buzi</i> DC.: <i>Buzus sempervirens</i> (boxwood) leaf.....	England, Germany, Ireland, Italy, un- known.	1	22	1	Mass., N.Y., Wash.
† <i>Puccinia carthami</i> Cda.: <i>Carthamus</i> sp.....	Greece.....			2	D.C.
<i>Puccinia horiana</i> P. Henn.: <i>Chrysanthemum micrifolium</i> (florists chrysanthemum).....	Japan.....	1	2		Hawaii.
† <i>Puccinia iridis</i> Rab.: <i>Iris</i> hybrid (leaf).....	Bermuda, Haiti.....	1	1		Mass., P.R.
<i>Puccinia longicornis</i> Pat. & Har.: <i>Sasa albomarginata</i> (bamboo) leaf.....	Japan.....			1	Calif.*
<i>Puccinia ornithogalli-thyrsoides</i> Diet.: <i>Ornithogalum thyrsoides</i> (Cape chinkerichee).....	Republic of South Africa.	1			N.Y.
† <i>Puccinia polygoni-amphibii</i> Pers.: <i>Polygonum sachalinense</i> (Sakhalin knotweed) leaf with seed.	Union of Soviet Socialist Republics.			1	D.C.
<i>Puccinia urbaniana</i> P. Henn.: <i>Stachytarpheta jamaicensis</i> (Jamaica falsevalerian) leaf and stem.	Puerto Rico.....	1			Ill.
<i>Pyrenochaeta spinicola</i> Speg.: <i>Cephalocereus</i> sp. (cactus).....	Mexico.....			1	Tex.
† <i>Pythium intermedium</i> d By.: Roots (11 genera of trees).....	Union of Soviet Socialist Republics.			1	D.C.
† <i>Pythium mamillatum</i> Meurs: Roots (11 genera of trees).....	do.....			1	D.C.
† <i>Pythium salpingophorum</i> Drechsler: Roots (11 genera of trees).....	do.....			1	D.C.
† <i>Pythium ultimum</i> Trow: Roots (11 genera of trees).....	do.....			1	D.C.
<i>Radopholus similis</i> (Cobb) Thorne: <i>Anthurium andraeanum</i> (flamingo anthurium).....	Hawaii.....			2	Hawaii.
<i>Zingiber</i> sp. (ginger) plant.....	do.....			1	Hawaii.
† <i>Rhytisma acerinum</i> (Pers.) Fr.: <i>Acer pseudoplatanus</i> (planetree maple) leaf.....	France.....		1		Mass.
<i>Acer</i> sp.....	do.....		16		N.Y.
† <i>Rhytisma ilicis-latifoliae</i> P. Henn.: <i>Ilex integra</i> (holly) leaf.....	Japan.....			1	D.C.
† <i>Rhytisma punctatum</i> (Pers.) Fr.: <i>Acer</i> sp. (maple) leaf.....	France.....		1		N.Y.
†Rose mosaic—yellow type: <i>Rosa</i> hybrid (rose) leaf.....	Colombia.....	1			Fla.
<i>Rotylenchus robustus</i> (de Man) Filip.: Soil with <i>Apium graveolens</i> var. <i>rapaceum</i> (celeriac).....	Netherlands.....		1		Fla.
Soil with assorted plants.....	Azores, Germany.....			2	Mass.
<i>Scutellonema brachyurum</i> (Steiner) Andrassy: <i>Amaryllis</i> sp. (bulb).....	Mexico.....			2	Ariz.
<i>Crassula</i> sp.....	do.....			1	Tex.
<i>Ficus elastica</i> (Indiarubber fig) plant.....	†Brazil.....			1	N.Y.
Soil with bulbs.....	Mexico.....			2	Tex.
Soil with <i>Kalanchoe tomentosa</i>	†Guatemala.....			1	Tex.
Soil with <i>Philodendron</i> sp.....	Mexico.....			1	Ariz.
Soil with assorted plants.....	do.....			2	Tex.
Soil with <i>Ruta graveolens</i> (common rue).....	do.....			1	Ariz.
<i>Scutellonema bradys</i> (Steiner & Le Hew) Andrassy: <i>Dioscorea</i> sp. (yam) root.....	Cuba.....	1			Fla.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Septoria citri</i> Pass.:					
<i>Citrus limon</i> (lemon)	Italy, Spain, unknown.	---	6	---	Calif.,* N.Y.
<i>C. reticulata</i> (Mandarin orange).....	Italy	1	---	---	N.Y.
<i>C. sinensis</i> (sweet orange).....	Italy, Japan, Spain	1	5	---	Calif.,* Fla., P.R., Tex.
† <i>Septoria exotica</i> Speg.:					
<i>Hebe</i> sp. (cutting).....	Greece(?)	1	---	---	Ill.
<i>Septoria leucanthemi</i> Sacc. & Speg.:					
<i>Chrysanthemum maximum</i> (Pyrenees chrysanthemum).	England	---	---	1	N.Y.
<i>Chrysanthemum</i> sp. (leaf).....	†France	---	---	2	N.Y.
<i>Septoria limonum</i> Pass.:					
<i>Citrus limon</i> (lemon) fruit and leaf.....	Italy, †Spain	---	4	---	N.Y.
† <i>Septoria minimum</i> (Karst. & Har.) Arx:					
<i>Anthurium scherzerianum</i> (common anthurium) leaf.	France	---	---	1	N.J.
<i>Anthurium</i> sp. (leaf).....	Netherlands	---	---	1	N.J.
<i>Septoria oryzae</i> Catt.:					
<i>Oryza sativa</i> (rice) straw.....	Japan	---	46	---	Calif.*
<i>Septoria piricola</i> Desm.:					
<i>Pyrus</i> sp. (pear) leaf.....	Italy	---	1	---	Tex.
<i>Sphaceloma fawcettii</i> Bitanc. & Jenkins var. <i>scabiosa</i> (McAlp. & Tryon) Jenkins:					
<i>Citrus limon</i> (lemon).....	Australia	---	10	---	Fla., Hawaii, La., Pa., S.C.
<i>Sphaceloma punicae</i> Bitanc. & Jenkins:					
<i>Punica granatum</i> (pomegranate).....	†Dominican Republic, Mexico.	7	---	---	Ariz., N.Y., Tex.
<i>Sphaceloma rosarum</i> (Pass.) Jenkins:					
<i>Rosa</i> hybrid (rose) leaf.....	†England, Germany	3	---	---	Ill., Mass.
† <i>Sphaceloma spondiadis</i> Bitanc. & Jenkins (?):					
<i>Spondias cytherea</i> (vi-apple).....	Puerto Rico	1	---	---	N.Y.
† <i>Sphacelotheca reiliana</i> (Kuehn) Clint.:					
<i>Sorghum</i> sp. (seed).....	Pakistan	---	---	1	D.C.
† <i>Sphaerophragmium acaciae</i> (Cke.) P. Magn.:					
<i>Albizia lebeck</i> (leaf).....	Bahamas	1	---	---	Fla.
<i>Sphenospora kenorkianii</i> Linder:					
<i>Catasetum</i> sp. (orchid) leaf.....	Peru	---	---	2	Fla.
<i>Cochlidia coccinea</i> (orchid) leaf.....	†England	---	---	1	N.J.
<i>Cyrtopodium andersonii</i> (orchid) leaf.....	Brazil	---	---	1	Fla.
<i>Epidendrum</i> sp. (orchid) leaf.....	†Antigua, Bahamas(?), Ecuador, Trinidad.	---	---	4	Fla.
<i>Ionopsis</i> sp. (orchid) leaf.....	Jamaica	---	---	3	Fla.
<i>Miltonia roezlii</i> (orchid) leaf.....	Canal Zone	---	---	1	Fla.
<i>Miltonia</i> sp. (leaf).....	do.	---	---	1	Fla.
<i>Notylia albidia</i> (orchid) leaf.....	†Guatemala	---	---	1	Fla.
<i>Oncidium cebolleta</i> (orchid).....	†Mexico	---	---	1	Tex.
<i>O. fallens</i> (leaf).....	Ecuador	---	---	1	N.Y.
<i>O. lozense</i> (leaf).....	do.	---	---	1	Fla.
<i>O. macranthum</i> (leaf).....	do.	---	---	3	Fla., N.Y.
<i>O. phalaenopsis</i> (leaf).....	do.	---	---	1	N.Y.
<i>O. pulchellum</i> (leaf).....	Haiti, Jamaica	---	---	3	Fla.
<i>O. pusillum</i> (leaf).....	†Guatemala	---	---	1	Fla.
<i>O. quadripetalum</i> (leaf).....	Jamaica	---	---	1	Fla.
<i>O. splendidum</i> (leaf).....	Honduras	---	---	1	Fla.
<i>Oncidium</i> sp. (leaf).....	British Honduras, †Colombia, Costa Rica, Ecuador, †Guatemala, Panama, Peru.	---	---	12	Fla., N.Y.
<i>Orchid</i> (leaf).....	Brazil, †Guatemala, Haiti, Honduras, Jamaica, Panama.	---	---	7	Fla.
<i>Ornithocephalus</i> sp. (orchid) leaf.....	Peru	---	---	1	Fla.
<i>Rodriguezia</i> sp. (orchid) leaf.....	†Colombia, Ecuador, Peru.	---	---	4	Fla.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Sphenospora mera</i> Cumm.:					
<i>Catasetum</i> sp. (orchid) leaf.....	Peru.....			1	Fla.
<i>Cynoches aureum</i> (orchid) leaf.....	†Guatemala.....			1	Fla.
<i>Ionopsis</i> sp. (orchid) leaf.....	.....do.....			1	Fla.
<i>Miltonia roezlii</i> (orchid) leaf.....	†Canal Zone, Panama.....			6	Fla.
Orchid.....	Mexico.....			1	Tex.
<i>Sphenospora saphena</i> Cumm.:					
<i>Epidendrum</i> sp. (orchid) leaf.....	†Dominican Republic, †Trinidad.....			2	Fla.
<i>Ionopsis</i> sp. (orchid) leaf.....	Jamaica.....			1	Fla.
<i>Oncidium sphacelatum</i> (orchid).....	†Mexico.....			1	Tex.
<i>Oncidium</i> sp.....	Jamaica.....			2	Fla.
† <i>Steganosporium foliicolum</i> (Desm.) Moore:					
<i>Arundinaria alpina</i> (bamboo) leaf.....	Ethiopia.....			1	D.C.
† <i>Stigmima palmivora</i> (Sacc. apud Trelease) Hughes:					
Palm (plant).....	Italy.....		1		Mich.
<i>Stomatogone agaves</i> (Ell. & Ev.) Th.:					
<i>Agave</i> sp.....	Mexico.....			1	Tex.
† <i>Strickeria obducens</i> (Fr.) Wint.:					
<i>Yucca schottii</i>.....	.....do.....	1			Ariz.
† <i>Strumella simmondsiae</i> Bonar:					
<i>Simmondsia californica</i> (California jojoba).....	.....do.....			1	Calif.
<i>Thecaphora solani</i> Barrus:					
<i>Solanum stoloniferum</i> (tuber).....	.....do.....	2			Calif.
†Tobacco mosaic virus:					
<i>Lycopersicon esculentum</i> (tomato) plant.....	Venezuela.....	1			D.C.
Tobacco ring spot virus:					
<i>Citrullus vulgaris</i> (watermelon).....	Mexico.....	4			Ariz.
† <i>Trichocladium asperum</i> Harz:					
<i>Solanum tuberosum</i> (potato).....	Japan.....		1		Calif.*
† <i>Tylenchorhynchus acti</i> Hopper:					
Soil with cactus plant.....	Mexico.....			1	Tex.
<i>Tylenchorhynchus capitatus</i> M. W. Allen:					
Soil with <i>Begonia</i> sp.....	.....do.....			1	Ariz.
Soil with <i>Cymbopogon citratus</i> (lemongrass).....	.....do.....			1	Ariz.
Soil with <i>Tradescantia</i> sp.....	.....do.....			1	Ariz.
† <i>Tylenchorhynchus claytoni</i> Steiner:					
Soil with <i>Asparagus sprengeri</i>	Italy.....			1	N.Y.
† <i>Tylenchorhynchus dubius</i> (Bütschli) Filip.:					
Soil with <i>Convallaria majalis</i>	England.....			1	Mass.
† <i>Typhula itoana</i> Imai:					
<i>Hordeum</i> sp. (barley) straw jacket.....	Japan.....		1		N.Y.
<i>Uredo behnickiana</i> P. Henn.:					
<i>Dendrobium nobile</i> (orchid) leaf.....	Unknown.....			1	Fla.
<i>Epidendrum cochleatum</i> (orchid) leaf.....	†Honduras.....			1	Fla.
<i>E. fragrans</i> (leaf).....	.....do.....			1	Fla.
<i>E. mariae</i> (leaf).....	Mexico.....			1	Tex.
<i>Epidendrum</i> sp.....	Costa Rica, Mexico.....			2	Calif., * Tex.
<i>Laelia anceps</i> (orchid).....	Mexico.....			8	Tex.
<i>L. superbiens</i> (leaf).....	Jamaica.....			1	Fla.
<i>Marillaria coccinea</i> (orchid) leaf.....	.....do.....			1	Fla.
<i>Oncidium cebolleta</i> (orchid).....	Mexico.....			1	Tex.
<i>O. varicosum</i> var. <i>rogersii</i> (leaf).....	Brazil.....			2	Fla.
<i>Oncidium</i> sp. (leaf).....	.....do.....			2	Fla.
Orchid (leaf).....	Costa Rica, †Ecuador.....			2	Calif., * Fla.
<i>Uredo epidendri</i> P. Henn.:					
Orchid (leaf).....	Venezuela.....			1	Calif.*
<i>Uredo guacae</i> Mayor:					
<i>Catasetum</i> sp. (orchid) leaf.....	Peru.....			1	Fla.
<i>Huntleya burtii</i> (orchid) leaf.....	Costa Rica.....			1	Fla.
<i>Oncidium pusillum</i> (orchid) leaf.....	Peru.....			1	Fla.
<i>O. variegatum</i> (leaf).....	.....do.....			1	Fla.
Orchid.....	Canal Zone, Jamaica.....			2	Calif., * Fla.
<i>Polystachya</i> sp. (orchid) leaf.....	Panama.....			1	Fla.
<i>Stanhopea</i> sp. (orchid) leaf.....	Honduras, Peru.....			2	Fla.
<i>Zygopetalum wendlandi</i> (orchid) leaf.....	Costa Rica.....			1	P.R.
† <i>Uredo neopustulata</i> Cumm.:					
<i>Stenorynchus</i> sp. (hardy terrestrial orchid).....	Jamaica.....			1	Fla.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Uredo nidularii</i> P. Henn.: Bromeliad (leaf).....	†Colombia, Costa Rica, Mexico, †Panama.....	-----	-----	3	Fla.
<i>Tillandsia</i> sp. (leaf).....	-----	-----	-----	2	Fla., Tex.
<i>Uredo nigropuncta</i> P. Henn.: Catasetum sp. (orchid).....	†Peru.....	-----	-----	1	Fla.
<i>Epidendrum nocturnum</i> (orchid) leaf.....	Jamaica.....	-----	-----	1	N.Y.
<i>E. varicosum</i> (leaf).....	do.....	-----	-----	1	Fla.
<i>E. verrucosum</i> (leaf).....	do.....	-----	-----	1	N.Y.
<i>Uredo oncidii</i> P. Henn.: <i>Diacrium bilamellatum</i> (orchid) leaf.....	Canal Zone.....	-----	-----	1	Fla.
<i>Oncidium luridum</i> (orchid) leaf.....	Jamaica.....	-----	-----	1	Fla.
<i>O. splendidum</i> (leaf).....	Honduras.....	-----	-----	2	Fla.
<i>O. stramineum</i> (leaf).....	Mexico.....	-----	-----	1	Tex.
<i>Oncidium</i> sp. (leaf).....	British Honduras, Honduras, Jamaica, Peru.....	-----	-----	7	Fla.
Orchid (leaf).....	Honduras.....	-----	-----	1	Fla.
<i>Zygopetalum</i> sp. (orchid) leaf.....	Ecuador.....	-----	-----	1	Fla.
<i>Uromyces alyxiae</i> Arth.: <i>Alyxia olivaeformis</i> (maile alyxia).....	Hawaii.....	1	-----	-----	Calif.*
† <i>Uromyces betae</i> Kickx: <i>Beta vulgaris</i> var. <i>cicla</i> (Swiss chard).....	England.....	-----	1	-----	N.Y.
<i>Uromyces dolichololi</i> Arth.: <i>Cajanus cajan</i> (pigeonpea) leaf.....	Puerto Rico.....	1	-----	-----	P.R.
<i>Uromyces fabae</i> (Grev.) Cke.: <i>Lens culinaris</i> (lentil).....	Chile.....	1	-----	1	Fla., Wash.
<i>Uromyces junci</i> (Desm.) Tul.: <i>Juncus glaucus</i> (rush).....	Greece.....	1	-----	-----	N.Y.
<i>Uromyces lespedezae-procumbentis</i> (Schw.) Curt.: <i>Lespedeza formosa</i> (seed pod).....	Japan.....	-----	-----	1	Calif.*
<i>L. thunbergii</i> (seed pod).....	do.....	-----	-----	1	Calif.*
<i>Xanthomonas citri</i> (Hase) Dowson: <i>Citrus aurantifolia</i> (lime).....	† Afghanistan, Guam, Hong Kong, India, Indonesia, Japan, Thailand, unknown.....	6	15	-----	Hawaii, La., N.Y., N.C.
<i>C. aurantium</i> (sour orange).....	Japan.....	-----	21	-----	Calif.,* La., Md., Pa., Tex. Wash.
<i>C. aurantium</i> X <i>C. reticulata</i> (citrus hybrid).....	do.....	-----	2	-----	N.Y.
<i>C. grandis</i> (pummelo) leaf and peel.....	Hong Kong, Thailand, land.....	1	1	-----	Hawaii, N.Y.
<i>C. ichangensis</i> var. ("yuzu").....	Japan.....	-----	1	-----	Pa.
<i>C. ichangensis</i> X <i>C. reticulata</i> (ichandarin).....	do.....	-----	1	-----	Calif.*
<i>C. limon</i> (lemon).....	Federation of Malaya, Formosa, Japan.....	-----	25	-----	Calif.,* Hawaii, La., N.Y., Oreg., Pa., S.C., Wash.
<i>C. paradisi</i> (grapefruit).....	China, Japan, Thailand, land.....	2	7	-----	Calif.,* Fla., Hawaii, N.C., Pa., Wash.
<i>C. paradisi</i> X <i>C. reticulata</i> (tangelo).....	Japan.....	-----	1	-----	La.
<i>C. reticulata</i> (Mandarin orange) dried peel and fruit.....	China, Formosa, Hong Kong, Japan.....	12	10	-----	Calif.,* Fla., Hawaii, Ill., N.Y., Tex., Wash.
<i>C. reticulata</i> X <i>C. sinensis</i> (tangor) leaf.....	Japan.....	-----	1	-----	Wash.
<i>C. sinensis</i> (sweet orange) dried peel and fruit.....	China, Hong Kong, Japan, Thailand, unknown.....	28	129	-----	Ala., Calif.,* Fla., Hawaii, Ill., Md., Mass., Minn., N.Y., N.C., Ohio, Oreg., Pa., Wash.

See footnotes at end of table.

Pests Collected and Reported From July 1, 1961, Through June 30, 1962—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Xanthomonas citri</i> (Hasse) Dowson—Continued	China, Hong Kong, Japan, unknown.	6	2	-----	Hawaii, Ill., La., Mass., Tex., Wash.
<i>Citrus</i> sp. (dried peel and fruit)-----					
† <i>Xanthomonas hederae</i> (Arn.) Dowson:	England-----	-----	3	-----	Mass.
<i>Hedera</i> sp. (ivy) leaf-----					
<i>Xanthomonas</i> sp. (Cancrosis B):	Argentina, unknown, Uruguay.	-----	15	-----	N.Y., Pa., Tex., Fla.
<i>Citrus limon</i> (lemon)-----					
<i>C. reticulata</i> (Mandarin orange)-----	Argentina-----	1	-----	-----	Fla.
<i>C. sinensis</i> (sweet orange)-----	Brazil-----	-----	1	-----	Calif.*

An asterisk (*) indicates State inspection.

A dagger (†) indicates a first interception from the country named.

A double dagger (‡) indicates a first interception by Division inspectors.

Hosts and Diseases

- ACACIA:
†*Nectria infusaria* (Ascomycetes)
- ACEI:
†*Pseudolachnea bubakii* (Deuteromycetes)
†*Rhytisma acerinum* (Ascomycetes)
†*R. punctatum* (Ascomycetes)
- ACHIMENES:
Meloidogyne arenaria (Nematoda)
†*M. hapla* (Nematoda)
- ACONITUM:
Meloidogyne arenaria (Nematoda)
M. hapla (Nematoda)
- AGAPANTHUS:
†*Meloidogyne arenaria* (Nematoda)
- AGASTACHE:
Meloidogyne hapla (Nematoda)
- AGAVE:
Coniothyria agaves (Deuteromycetes)
†*Meloidogyne javanica* (Nematoda)
Stomatogone agaves (Ascomycetes)
- ALBIZZIA:
†*Sphaerophragmium acaciae* (Promycetes)
- ALLIUM CEPA:
Ditylenchus dipsaci (Nematoda)
†*Mycosphaerella schoenoprasii* (Ascomycetes)
- ALLIUM FISTULOSUM:
Mycosphaerella schoenoprasii (Ascomycetes)
- ALLIUM PORRUM:
†*Mycosphaerella schoenoprasii* (Ascomycetes)
- ALLIUM SATIVUM:
Ditylenchus dipsaci (Nematoda)
- ALOCASIA:
Meloidogyne incognita (Nematoda)
M. incognita acrita (Nematoda)
- ALYXIA:
Uromyces alyxiae (Promycetes)
- AMARYLLIS:
Scutellonema brachyurum (Nematoda)
- ANDROPOGON:
Meloidogyne incognita acrita (Nematoda)
- ANTHURIUM:
Meloidogyne incognita (Nematoda)
†*Phyllachora engleri* (Ascomycetes)
Radopholus similis (Nematoda)
†*Septoria minimum* (Deuteromycetes)
- ARAUCARIA:
Cryptospora longispora (Ascomycetes)
Macrophoma araucariae (Deuteromycetes)
- ARMORACIA:
†*Ascochyta armoraciae* (Deuteromycetes)
- ARUM:
Meloidogyne javanica (Nematoda)
- ARUNDINARIA:
†*Steganosporium follicolum* (Deuteromycetes)
- ASTER:
Meloidogyne hapla (Nematoda)
- ASTILBE:
Meloidogyne incognita acrita (Nematoda)
- BAMBUA:
Papularia vinosa (Deuteromycetes)
- BEGONIA:
Meloidogyne arenaria (Nematoda)
†*M. incognita* (Nematoda)
- BETA:
Meloidogyne incognita (Nematoda)
†*Uromyces betae* (Promycetes)
- BLETILLA:
Aphelenchoides fragariae (Nematoda)
- BORASSUS:
Graphiola borassi (Promycetes)
- BROMELIAD:
†*Phyllosticta bromeliae* (Deuteromycetes)
†*Uredo nidularii* (Promycetes)
- BUXUS:
†*Dothidella depazeoides* (Ascomycetes)
Puccinia buxi (Promycetes)
- CACTUS:
Meloidogyne arenaria (Nematoda)
M. incognita (Nematoda)
- CAJANUS:
Uromyces dolicholi (Promycetes)
- CALADIUM:
Meloidogyne arenaria (Nematoda)
†*M. arenaria arenaria* (Nematoda)
- M. incognita* (Nematoda)
†*M. incognita acrita* (Nematoda)
- CAMELLIA:
†*Diaporthe camelliae* (Ascomycetes)
- CANNA:
Meloidogyne incognita acrita (Nematoda)
- CAPSIUM:
Meloidogyne incognita (Nematoda)
- CARTHAMUS:
†*Puccinia carthami* (Promycetes)
- CARYOPTERIS:
†*Meloidogyne javanica* (Nematoda)
- CASTANEA:
†*Cylindrosporium castaneae* (Deuteromycetes)
- CATASETUM:
Sphenospora kevorkianii (Promycetes)
S. mera (Promycetes)
Uredo guacae (Promycetes)
†*U. nigropuncta* (Promycetes)
- CATTLEYEA:
†*Mycopopron corrientinum* (Deuteromycetes)
- CEDEIRA:
†*Phomopsis cedrelae* (Deuteromycetes)
- CEPHALOCEREUS:
Pyrenochaeta spinicola (Deuteromycetes)
- CHAMAEDOREA:
†*Dendrodochium rubellum* (Deuteromycetes)
- CHRYSANTHEMUM:
†*Meloidogyne hapla* (Nematoda)
Puccinia horiana (Promycetes)
†*Septoria leucanthemi* (Deuteromycetes)
- CIRSIIUM:
†*Meloidogyne javanica* (Nematoda)
- CITRULLUS:
Tobacco ring spot virus (Virus)
- CITRUS AURANTIFOLIA:
†*Contiella diploidiella* (Deuteromycetes)
Elsinoe australis (Ascomycetes)
Guignardia (Phoma) citricarpa (Ascomycetes)
†*Xanthomonas citri* (Schizomycetes)
- CITRUS AURANTIUM:
Ascochyta citri (Deuteromycetes)
Guignardia (Phoma) citricarpa (Ascomycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS AURANTIUM X C. RETICULATA:
Xanthomonas citri (Schizomycetes)
- CITRUS GRANDIS:
†*Ascochyta citri* (Deuteromycetes)
Guignardia (Phoma) citricarpa (Ascomycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS ICHANGENSIS VAR.:
Xanthomonas citri (Schizomycetes)
- CITRUS ICHANGENSIS X C. RETICULATA:
Xanthomonas citri (Schizomycetes)
- CITRUS LIMON:
Ascochyta citri (Deuteromycetes)
Elsinoe australis (Ascomycetes)
Guignardia (Phoma) citricarpa (Ascomycetes)
Septoria citri (Deuteromycetes)
†*S. limonum* (Deuteromycetes)
Sphaceloma fawcettii var. *scabiosa* (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
Xanthomonas sp. (Cancrosis B) (Schizomycetes)
- CITRUS PARADISI:
Elsinoe australis (Ascomycetes)
Guignardia (Phoma) citricarpa (Ascomycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS PARADISI X C. RETICULATA:
†*Guignardia (Phoma) citricarpa* (Ascomycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS RETICULATA:
†*Coniothecium scabrum* (Deuteromycetes)
Elsinoe australis (Ascomycetes)
†“Greasy spot”
†*Guignardia (Phoma) citricarpa* (Ascomycetes)
Septoria citri (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
Xanthomonas sp. (Cancrosis B) (Schizomycetes)
- CITRUS RETICULATA HYBRID:
Elsinoe australis (Ascomycetes)
- CITRUS RETICULATA X C. SINENSIS:
Elsinoe australis (Ascomycetes)
Xanthomonas citri (Schizomycetes)

See footnotes at end of the list.

Hosts and Diseases—Continued

CITRUS SINENSIS:

- Elsinoe australis* (Ascomycetes)
- †“Greasy spot”
- †*Guignardia* (*Phoma*) *citricarpa* (Ascomycetes)
- Septoria citri* (Deuteromycetes)
- Xanthomonas citri* (Schizomycetes)
- Xanthomonas* sp. (Cancrosis B) (Schizomycetes)

CITRUS SP.:

- †*Guignardia* (*Phoma*) *citricarpa* (Ascomycetes)
- Xanthomonas citri* (Schizomycetes)

CLEMATIS:

- †*Meloidogyne hapla* (Nematoda)
- †*Phoma demissa* (Deuteromycetes)
- Pratylenchus penetrans* (Nematoda)

COCHLIODA:

- †*Sphenospora kevorkianii* (Promycetes)

COCOS:

- †*Diplodia coccocarpa* (Deuteromycetes)

COLCHICUM:

- Ditylenchus destructor* (Nematoda)

COLEUS:

- Meloidogyne incognita* (Nematoda)

COLOCASIA:

- Meloidogyne incognita* (Nematoda)

CORDYLINE:

- Meloidogyne incognita* (Nematoda)

CRASSULA:

- Scutellonema brachyurum* (Nematoda)

CUPHEA:

- †*Cercospora cupheae* (Deuteromycetes)

CYCNOCHES:

- †*Sphenospora mera* (Promycetes)

CYRTOPODIUM:

- Sphenospora kevorkianii* (Promycetes)

DAHLIA:

- Corynebacterium fascians* (Schizomycetes)
- Meloidogyne arenaria thamesi* (Nematoda)
- †*Pratylenchus coffeae* (Nematoda)

DAUCUS:

- Meloidogyne incognita* (Nematoda)

DELPHINIUM:

- Meloidogyne hapla* (Nematoda)

DENDROBIUM:

- Phyllostictina pyriformis* (Deuteromycetes)
- †*Uredo behnickiana* (Promycetes)

DIACRIUM:

- Uredo oncidii* (Promycetes)

DIEFFENBACHIA:

- Meloidogyne incognita* (Nematoda)

DIOSCOREA:

- Meloidogyne arenaria* (Nematoda)
- M. javanica* (Nematoda)
- †*Pratylenchus coffeae* (Nematoda)
- Scutellonema bradys* (Nematoda)

DRACAENA:

- Meloidogyne javanica* (Nematoda)

ECHEVERIA:

- Meloidogyne incognita* (Nematoda)

ELYMUS:

- †*Phyllachora graminis* (Ascomycetes)

EPIDENDRUM:

- Cercospora angraei* (Deuteromycetes)
- †*Ophiostoma orchidearum* (Ascomycetes)
- †*Sphenospora kevorkianii* (Promycetes)
- †*S. saphena* (Promycetes)
- †*Uredo behnickiana* (Promycetes)
- U. nigropuncta* (Promycetes)

EPIPHYLLUM:

- Meloidogyne incognita* (Nematoda)

ERYTHRINA:

- †*Cercospora erythrinae* (Deuteromycetes)

EUPHORBIA:

- Meloidogyne incognita acrita* (Nematoda)
- M. javanica* (Nematoda)

FAGRAEA:

- †*Meloidogyne incognita acrita* (Nematoda)

FICUS:

- †*Cerotelium fici* (Promycetes)
- Meloidogyne incognita acrita* (Nematoda)
- †*Phyctaena ficum* (Deuteromycetes)
- †*Scutellonema brachyurum* (Nematoda)

FORTUNELLA(?):

- Guignardia* (*Phoma*) *citricarpa* (Ascomycetes)

FRAGARIA:

- †*Marssonina fragariae* (Deuteromycetes)
- †*Meloidogyne hapla* (Nematoda)
- M. javanica* (Nematoda)
- †*Mycosphaerella fragariae* (Ascomycetes)

FRAXINUS:

- †*Pleospora samarae* (Ascomycetes)

GARDENIA:

- Meloidogyne incognita* (Nematoda)
- †*M. incognita acrita* (Nematoda)

GERBERA:

- †*Meloidogyne hapla* (Nematoda)
- M. javanica* (Nematoda)

GEUM:

- Meloidogyne hapla* (Nematoda)

GLADIOLUS:

- Ditylenchus destructor* (Nematoda)
- Meloidogyne arenaria thamesi* (Nematoda)
- M. incognita* (Nematoda)
- M. incognita acrita* (Nematoda)
- M. javanica* (Nematoda)

GOSSYPIUM:

- †*Phakopsora gossypii* (Promycetes)

GYPSOPHYLLA:

- Meloidogyne incognita* (Nematoda)

HEBE:

- †*Septoria exotica* (Deuteromycetes)

HEDERA:

- Cryptocline paradoxa* (Deuteromycetes)
- Phyllosticta hedericola* (Deuteromycetes)
- †*Xanthomonas hederæ* (Schizomycetes)

HEDYCHUM:

- Meloidogyne arenaria* (Nematoda)

HELICONIA:

- †*Meloidogyne incognita* (Nematoda)

HEPATICA:

- Meloidogyne hapla* (Nematoda)

HIBISCUS:

- †*Meloidogyne javanica javanica* (Nematoda)

HORDEUM:

- †*Typhula iloana* (Basidiomycetes)

HOSTA:

- Meloidogyne arenaria thamesi* (Nematoda)
- M. incognita* (Nematoda)

HUNTLEYA:

- Uredo guacae* (Promycetes)

ILEX:

- †*Rhytisma ilicis-latifoliae* (Ascomycetes)

IONOPSIS:

- Sphenospora kevorkianii* (Promycetes)
- †*S. mera* (Promycetes)
- S. saphena* (Promycetes)

IPOMOEA:

- †*Meloidogyne incognita* (Nematoda)
- M. incognita acrita* (Nematoda)

IRIS:

- Meloidogyne javanica* (Nematoda)
- †*M. javanica javanica* (Nematoda)
- †*Puccinia iridis* (Promycetes)

IXORA:

- †*Meloidogyne javanica javanica* (Nematoda)

JASMINUM:

- †*Puccinia abyssinica* (Promycetes)

JATROPHA:

- Phakopsora jatrochicola* (Promycetes)

JUNCUS:

- Uromyces junci* (Promycetes)

JUNIPERUS:

- G. haraeum* (Promycetes)
- †*Lophodermium juniperinum* (Ascomycetes)

KAEMPFERIA:

- Meloidogyne incognita* (Nematoda)

LABURNUM:

- Coniothyrium cytisellum* (Deuteromycetes)

LACTUCA:

- †*Meloidogyne arenaria* (Nematoda)
- †*M. incognita acrita* (Nematoda)

LAELIA:

- Phyllosticta pyriformis* (Deuteromycetes)
- Uredo behnickiana* (Promycetes)

LENS:

- Uromyces fabae* (Promycetes)

Hosts and Diseases—Continued

- LESPEDeza:**
Uromyces lespedezae-procumbentis (Promycetes)
- LIGULARIA:**
Pratylenchus penetrans (Nematoda)
- LOnicERA:**
Meloidogyne incognita (Nematoda)
- LYCOPERSICON:**
Meloidogyne incognita incognita (Nematoda)
Tobacco mosaic virus (Virus)
- MACROZAMIA:**
Dothiorella pericarpica (Deuteromycetes)
- MAHONIA:**
Cumminsella mirabilissima (Promycetes)
- MALUS:**
Dendrophoma pulvis-pyrus (Deuteromycetes)
Elisinoe piri (Ascomycetes)
Monilinia fructigena (Ascomycetes)
Pratylenchus scribneri (Nematoda)
- MANGIFERA:**
Elisinoe mangiferae (Ascomycetes)
- MAXILLARIA:**
Uredo behnickiana (Promycetes)
- MILTONIA:**
Sphenospora kevorkianii (Promycetes)
S. mera (Promycetes)
- MUSA:**
Macrophoma musae (Deuteromycetes)
- NARCISSUS:**
Aphelenchoides subtenius (Nematoda)
Ditylenchus dipsaci (Nematoda)
- NOTYLIA:**
Sphenospora kevorkianii (Promycetes)
- ODONTOGLOSSUM:**
Ophiodothella orchidearum (Ascomycetes)
- OENOTHERA:**
Meloidogyne hapla (Nematoda)
- OLEA:**
Macrophoma dalmatica (Deuteromycetes)
- ONCIDIUM:**
Myiocopron corrientinum (Deuteromycetes)
Sphenospora kevorkianii (Promycetes)
S. sapheia (Promycetes)
Uredo behnickiana (Promycetes)
U. guacae (Promycetes)
U. oncidii (Promycetes)
- ORCHID:**
Cercospora odontoglossi (Deuteromycetes)
Chaetopeltopsis tenuissima (Ascomycetes)
Ophiodothella orchidearum (Ascomycetes)
Phyllosticta pyrifomis (Deuteromycetes)
Sphenospora kevorkianii (Promycetes)
S. mera (Promycetes)
Uredo behnickiana (Promycetes)
U. epidendri (Promycetes)
U. guacae (Promycetes)
U. oncidii (Promycetes)
- ORNITHOCEPHALUS:**
Sphenospora kevorkianii (Promycetes)
- ORNITHOGALUM:**
Didymellina ornithogali (Ascomycetes)
Meloidogyne incognita (Nematoda)
M. javanica (Nematoda)
Puccinia ornithogali-thyrsoideis (Promycetes)
- ORYZA:**
Diplodia oryzae (Deuteromycetes)
Neovossia horrida (Promycetes)
Septoria oryzae (Deuteromycetes)
- PALM:**
Mycosphaerella palmarum (Ascomycetes)
Stigmata palmatoria (Deuteromycetes)
- PARKINSONIA:**
Phyllosticta parkinsoniae (Deuteromycetes)
- PELARGONIUM:**
Coniathrium trabutii (Deuteromycetes)
Meloidogyne hapla (Nematoda)
- PEPEROMIA:**
Meloidogyne arenaria (Nematoda)
- PETROSELINUM:**
Meloidogyne incognita (Nematoda)
- PIHASEOLUS:**
Elisinoe phaseoli (Ascomycetes)
Phyllosticta phaseolina (Deuteromycetes)
- PHRAGMITES:**
Lophodermium arundinaceum (Ascomycetes)
- Pleiospora microspora* (Ascomycetes)
- PICEA:**
Lophodermium piceae (Ascomycetes)
- PINUS:**
Mycosphaerella acicola (Ascomycetes)
- POLIANTHES:**
Meloidogyne incognita (Nematoda)
M. javanica (Nematoda)
- POLYGONUM:**
Puccinia polygoni-amphibii (Promycetes)
- POLYSTACHYA:**
Uredo guacae (Promycetes)
- POPULUS:**
Cercospora populina (Deuteromycetes)
- POTENTILLA:**
Meloidogyne hapla (Nematoda)
- PROTEA:**
Leptosphaeria protearum (Ascomycetes)
Phaeosphaerella senniana (Ascomycetes)
- PRUNUS:**
Monilinia fructigena (Ascomycetes)
- PTEROCARPUS:**
Myiocopron pereirae (Deuteromycetes)
- PUNICA:**
Cercospora punicae (Deuteromycetes)
Cytospora punica (Deuteromycetes)
Sphaeloma punicae (Deuteromycetes)
- PYRETHRUM:**
Meloidogyne hapla (Nematoda)
- PYRUS:**
Septoria piricola (Deuteromycetes)
- QUERCUS:**
Cronartium quercuum (Promycetes)
Dothiorella phomiformis (Deuteromycetes)
- RAVENALA:**
Meloidogyne incognita (Nematoda)
- RHODODENDRON:**
Chrysomya ledi var. *rhododendri* (Promycetes)
- RHYNCHOSTYLIS:**
Phyllosticta pyrifomis (Deuteromycetes)
- RIBES:**
Cronartium ribicola (Promycetes)
- RODRIGUEZIA:**
Sphenospora kevorkianii (Promycetes)
- ROSA:**
Rose mosaic—yellow type (Virus)
Sphaeloma rosarum (Deuteromycetes)
- RUBUS:**
Kuehneola uredinis (Promycetes)
- RUSCUS:**
Phyllosticta ruscicola (Deuteromycetes)
- SALIX:**
Cytospora translucens (Deuteromycetes)
Diplodina salicis (Deuteromycetes)
- SANSEVIERIA:**
Meloidogyne incognita (Nematoda)
- SASA:**
Puccinia longicornis (Promycetes)
- SEDUM:**
Meloidogyne incognita acrita (Nematoda)
- SIMMONDSIA:**
Strombosia simmondsiae (Deuteromycetes)
- SOIL:**
Criconea celerum (Nematoda)
Criconeoides curvatum (Nematoda)
C. mutabile (Nematoda)
C. peruviae (Nematoda)
Helicotylenchus buzophilus (Nematoda)
H. dihystra (Nematoda)
H. nannus (Nematoda)
Heterodera avenae (Nematoda)
H. cacti (Nematoda)
H. humuli (Nematoda)
H. punctata (Nematoda)
H. rostochiensis (Nematoda)
Pratylenchus coffeae (Nematoda)
Rotylenchus robustus (Nematoda)
Scutellonema brachyurum (Nematoda)
Tylenchorhynchus acti (Nematoda)
T. capitatus (Nematoda)
T. claytoni (Nematoda)
T. dubius (Nematoda)
- SOLANUM STOLONIFERUM:**
Thecaphora solani (Promycetes)

See footnotes at end of this list.

Hosts and Diseases—Continued

SOLANUM TUBEROSUM: † <i>Meloidogyne arenaria</i> (Nematoda) ‡ <i>M. arenaria thamesi</i> (Nematoda) ‡ <i>M. incognita</i> (Nematoda) ‡ <i>M. incognita acrita</i> (Nematoda) † <i>Trichocladium asperum</i> (Deuteromycetes)	TRICYRTIS: ‡ <i>Pratylenchus penetrans</i> (Nematoda)
SOLANUM CV.: ‡ <i>Meloidogyne incognita</i> (Nematoda)	TRITICUM: ‡ <i>Leptosphaeria eustomoides</i> (Ascomycetes)
SORBUS: † <i>Gymnosporangium cornutum</i> (Promycetes)	ULMUS: ‡ <i>Meloidogyne arenaria</i> (Nematoda)
SORGHUM: † <i>Sphacelotheca reiliana</i> (Promycetes)	VANDA: ‡ <i>Phyllostictina pyriformis</i> (Deuteromycetes)
SPONDIAS: † <i>Chaetopeltopsis tenuissima</i> (Ascomycetes) † <i>Sphaceloma spondiadis</i> (?) (Deuteromycetes)	VIBURNUM: ‡ <i>Meloidogyne hapla</i> (Nematoda) † <i>M. javanica</i> (Nematoda)
STACHYTARPHETA: ‡ <i>Puccinia urbaniana</i> (Promycetes)	VITIS: † <i>Elsinoe ampelina</i> (Ascomycetes)
STANTHOPEA: ‡ <i>Cercospora angraei</i> (Deuteromycetes) ‡ <i>Phyllostictina pyriformis</i> (Deuteromycetes) ‡ <i>Uredo guacae</i> (Promycetes)	YUCCA: † <i>Strickeria obducens</i> (Ascomycetes)
STENORYNCHUS: † <i>Uredo neopustulata</i> (Promycetes)	ZANTEDESCHIA: ‡ <i>Meloidogyne incognita</i> (Nematoda) † <i>M. incognita acrita</i> (Nematoda) ‡ <i>M. javanica</i> (Nematoda)
TAXODIUM: † <i>Mycoisphaerella tazodii</i> (Ascomycetes)	ZEBRINA: ‡ <i>Meloidogyne incognita</i> (Nematoda)
TECOMA: ‡ <i>Prospodium appendiculatum</i> (Promycetes)	ZELKOVA: † <i>Fusarium larvarum</i> (Deuteromycetes)
TEUCRIUM: ‡ <i>Meloidogyne hapla</i> (Nematoda)	ZINGIBER: † <i>Meloidogyne arenaria</i> (Nematoda) ‡ <i>M. incognita acrita</i> (Nematoda) † <i>M. javanica</i> (Nematoda) ‡ <i>M. javanica javanica</i> (Nematoda) ‡ <i>Radopholus similis</i> (Nematoda)
THUJA: † <i>Didymascella (Keithia) thujina</i> (Ascomycetes)	ZINNIA: † <i>Alternaria zinniae</i> (Deuteromycetes)
TILLANDSIA: † <i>Uredo nidularii</i> (Promycetes)	ZYGOPETALUM: ‡ <i>Uredo guacae</i> (Promycetes) ‡ <i>U. oncidii</i> (Promycetes)

Hosts Unknown

GRASS: † <i>Phyllachora graminis</i> (Ascomycetes)	† <i>P. ultimum</i> (Phycomycetes)
ROOTS: † <i>Pythium intermedium</i> (Phycomycetes) † <i>P. mamillatum</i> (Phycomycetes) † <i>P. salpingophorum</i> (Phycomycetes)	SUCCULENT: ‡ <i>Meloidogyne arenaria</i> (Nematoda)
	WOOD: † <i>Hypoxylon marginatum</i> (Ascomycetes)

A dagger (†) indicates a first interception from the country of origin.

A double dagger (‡) indicates a first interception by Division inspectors.

Countries of Origin and Diseases

AFGHANISTAN:

†*Xanthomonas citri*

ANTIGUA:

†*Sphenospora kevorkianii*

ARGENTINA:

†*Cricanemoides curvatum**Elsinoe australis**Guignardia (Phoma) citricarpa*†*Helicotylenchus dihystra*†*Heterodera punctata**Meloidogyne arenaria**Xanthomonas* sp. (Cancrosis B)

ASIA (country(?)):

Guignardia (Phoma) citricarpa

AUSTRALIA:

*Cryptospora longispora**Dothiorella pericarpa**Guignardia (Phoma) citricarpa**Macrophoma araucariae*†*Pratylenchus coffeae**Sphaceloma fauettii* var. *scabiosa*

AUSTRIA:

Chrysomyxa ledi var. *rhododendri**Heterodera avenae**H. cacti*

AZORES:

†*Helicotylenchus dihystra*†*Heterodera avenae*†*Meloidogyne incognita acrita**Rotylenchus robustus*

BAHAMAS:

Cercospora angraeci†*Mycosphaerella palmarum*†*Sphaerophragmium acaciae*

BAHAMAS (?):

Sphenospora kevorkianii

BELGIUM:

†*Heterodera cacti**H. punctata*

BERMUDA:

†*Puccinia iridis*

BRAZIL:

*Elsinoe australis**Guignardia (Phoma) citricarpa*†*Helicotylenchus dihystra*†*Meloidogyne arenaria**M. incognita*†*Myiocypron pereirae*†*Scutellonema brachyurum**Sphenospora kevorkianii**Uredo behnickiana**Xanthomonas* sp. (Cancrosis B)

BRITISH HONDURAS:

†*Myiocypron corrientinum**Sphenospora kevorkianii**Uredo oncidii*

CANADA:

†*Alternaria zinniae**Cronartium ribicola*†*Didymascella (Kiethia) thujina**Mycosphaerella fragariae*†*Pratylenchus scribneri*

CANAL ZONE:

Cercospora angraeci†*Meloidogyne javanica javanica*†*Nectria infusaria**Sphenospora kevorkianii*†*S. mera**Uredo guacae**U. oncidii*

CANARY ISLANDS:

†*Heterodera avenae*

CHILE:

Meloidogyne incognita acrita

CHINA:

*Guignardia (Phoma) citricarpa**Uromyces fabae**Xanthomonas citri*

COLOMBIA:

†*Rose mosaic*—yellow type†*Sphenospora kevorkianii*†*Uredo nidularii*

COSTA RICA:

†*Heterodera cacti*†*Meloidogyne javanica*†*Ophiodothella orchidearum**Sphenospora kevorkianii**Uredo behnickiana**U. guacae**U. nidularii*

CUBA:

*Meloidogyne incognita**M. javanica**Scutellonema bradyi*

CZECHOSLOVAKIA:

Lophodermium arundinaceum

DENMARK:

†*Diplodina salicis**Heterodera rostochiensis*†*Phyllachora graminis*

DOMINICA:

†*Phomopsis cedrelae*

DOMINICAN REPUBLIC:

†*Cerotelium fici*†*Elsinoe mangiferae**Meloidogyne incognita**Phakopsora jatrophicola*†*Sphaceloma puniceae*†*Sphenospora saphena*

ECUADOR:

†*Meloidogyne incognita**Sphenospora kevorkianii*†*Uredo behnickiana**U. oncidii*

ENGLAND:

Chrysomyxa ledi var. *rhododendri**Ditylenchus dipsaci**Helicotylenchus dihystra**Heterodera avenae**H. cacti**H. punctata**H. rostochiensis*†*Lophodermium juniperinum**Meloidogyne hapla*†*Meloidogyne javanica**Phyllosticta hedericola**Puccinia buxi**Septoria leucanthemi*†*Sphaceloma rosarum*†*Sphenospora kevorkianii*†*Tylenchorhynchus dubius*†*Uromyces betae*†*Xanthomonas hederarum*

ETHIOPIA:

†*Puccinia abyssinica*†*Steganosporium foliicolum*

FEDERATION OF MALAYA:

*Guignardia (Phoma) citricarpa**Xanthomonas citri*

FINLAND:

†*Gymnosporangium cornutum*

FORMOSA:

†*Ascochyta citri**Guignardia (Phoma) citricarpa**Xanthomonas citri*

FRANCE:

*Cumminsella mirabilissima**Heterodera avenae**H. cacti**H. rostochiensis**Kuehneola uredinis*†*Meloidogyne hapla**Meloidogyne javanica**Monilinia fructigena*†*Phoma demissa*†*Rhytisma acerinum*†*R. punctatum*†*Septoria leucanthemi*†*S. minimum*

GERMANY:

†*Ascochyta armoraciae**Chrysomyxa ledi* var. *rhododendri*†*Elsinoe ampelina**Heterodera avenae**H. cacti**H. humuli*

See footnotes at end of this list.

Countries of Origin and Diseases—Continued

GERMANY—Continued

H. punctata
H. rostochiensis
Lophodermium arundinaceum
Meloidogyne hapla
 †*M. javanica*
Monilinia fructigena
Mycosphaerella fragariae
Puccinia buzi
Rotylenchus robustus
Sphaceloma rosarum

GREECE:

†*Puccinia carthami*
Uromyces junci

GREECE(?):

†*Septoria exotica*

GUADELOUPE:

†“Greasy spot”

GUAM:

Xanthomonas citri

GUATEMALA:

Meloidogyne arenaria
 †*M. arenaria arenaria*
 †*M. incognita acrita*
Phyllostictina pyriformis
 †*Scutellonema brachyurum*
 †*Sphenospora kevorkianii*
 †*S. mera*

HAITI:

†*Phakopsora gossypii*
 †*Puccinia iridis*
Sphenospora kevorkianii

HAWAII:

Macrophoma musae
Phyllostictina pyriformis
Radopholus similis
Uromyces alyziae

HONDURAS:

†*Phyllachora engleri*
 †*P. graminis*
Sphenospora kevorkianii
 †*Uredo behnickiana*
 †*U. guacae*
 †*U. oncidii*

HONG KONG:

Guignardia (Phoma) citricarpa
Xanthomonas citri

INDIA:

Graphiola borassi
Meloidogyne arenaria
 †*M. hapla*
M. incognita
M. javanica
Xanthomonas citri

INDONESIA:

Xanthomonas citri

IRELAND:

Heterodera punctata
H. rostochiensis
Puccinia buzi

ITALY:

Aphelenchoides subterraneus
Chrysomya ledi var. *rhododendri*
 †*Cylindrosporium castaneae*
 †*Dendrophoma pulvis-pyrius*
 †*Elsinoe ampelina*
Helicotylenchus nannus
Heterodera avenae
H. cacti
H. punctata
Meloidogyne incognita
M. incognita acrita
 †*Neovossia horrida*
Phyllosticta ruscicola
 †*Pleospora samarae*
 †*Pseudolachnea bubakii*
Puccinia buzi
Septoria citri
S. limonium
S. piricola
 †*Stigmima palmivora*
 †*Tylenchorhynchus claytoni*

JAMAICA:

†“Greasy spot”
 †*Meloidogyne javanica javanica*
 †*Pratylenchus coffeae*

Sphenospora kevorkianii
S. saphena
Uredo behnickiana
U. guacae
 †*U. neopustulata*
U. nigropuncta
U. oncidii

JAPAN:

Aphelenchoides fragariae
Ascochyta citri
 †*Coniothecium scabrum*
Cronartium quercuum
Diplodia oryzae
Dothiorella phomiformis
 †*Fusarium larvarum*
Guignardia (Phoma) citricarpa
Gymnosporangium haraeae
Leptosphaeria eustomoides
Meloidogyne arenaria
M. arenaria thamesi
M. hapla
M. incognita
M. incognita acrita
M. javanica
Mycosphaerella schoenoprasii
Neovossia horrida
Puccinia horiana
P. longicornis
 †*Rhizytisma ilicis-latifoliae*
Septoria citri
S. oryzae
 †*Trichocladium asperum*
 †*Typhula itoana*
Uromyces lespeziae-procumbentis
Xanthomonas citri

KOREA:

†*Guignardia (Phoma) citricarpa*

LEBANON:

†*Macrophoma dalmatica*

MACAO:

Guignardia (Phoma) citricarpa

MEXICO:

†*Cercospora cupheae*
 †*C. erythrinae*
C. odontoglossi
 †*C. populina*
C. punicae
 †*Chaetopeltopsis tenuissima*
 †*Coniella diplodiella*
Coniothyria agaves
 †*Coniothyrium trabutii*
 †*Criconeuma celestum*
 †*Criconeumoides curvatum*
C. mutabile
 †*C. peruviane*
Cronartium quercuum
Cytospora punica
 †*Dendrodactylum rubellum*
Ditylenchus dipsaci
 †*Helicotylenchus buxophilus*
 †*H. dihystrera*
H. nannus
Heterodera cacti
H. punctata
H. rostochiensis
Meloidogyne arenaria
M. incognita
M. incognita acrita
 †*M. incognita incognita*
M. javanica
 †*Mycosphaerella taxodii*
 †*Myiocopron corrientinum*
Ophiodothella orchidearum
Papularia vinosa
 †*Phyllosticta bromeliae*
 †*P. parkinsoniae*
 †*P. phaseolina*
Phyllostictina pyriformis
 †*Phylactaea ficum*
 †*Pratylenchus coffeae*
Frosopodium appendiculatum
Pyrenochaeta spinicola
Scutellonema brachyurum
Sphaceloma punicae

See footnotes at end of this list.

Countries of Origin and Diseases—Continued

MEXICO—Continued

†*Sphenospora kevorkianii*
 †*S. saphena*
S. mera
Stomatogone agaves
 †*Strickteria obducens*
 †*Strumella simmondsiae*
Thecaphora solani
 Tobacco ring spot virus
 †*Tylenchorhynchus acti*
T. capitatus
Uredo behnickiana
U. nidularii
U. oncidii

MOROCCO:

†*Heterodera punctata*
 †*Meloidogyne incognita acrita*

MOZAMBIQUE:

Guignardia (Phoma) citricarpa

NEPAL:

†*Macrophoma musae*

NETHERLANDS:

†*Alternaria zinniae*
Coniothyrium cytisellum
Cryptocline paradoxa
Ditylenchus destructor
Heterodera punctata
H. rostochiensis
Meloidogyne arenaria
M. hapla
M. incognita acrita
 †*Pleospora microspora*
Pratylenchus penetrans
Rotylenchus robustus
 †*Septoria minimum*

NEW ZEALAND:

Cryptospora longispora
 †*Diaporthe camelliae*
Macrophoma araucariae
 †*Mycosphaerella schoenoprasii*

NICARAGUA:

†*Diplodia coccocarpa*

NORFOLK ISLAND:

Cryptospora longispora
Macrophoma araucariae

NORWAY:

†*Gymnosporangium cornutum*
Heterodera punctata
Leptosphaeria eustomoides

OKINAWA:

Guignardia (Phoma) citricarpa

PAKISTAN:

†*Sphaelotheca reiliana*

PANAMA:

†*Meloidogyne arenaria*
 †*M. incognita*
Sphenospora kevorkianii
 †*S. mera*
Uredo guacae
 †*U. nidularii*

PARAGUAY:

Elsinoe australis

PERU:

†*Heterodera cacti*
H. rostochiensis
Meloidogyne arenaria
Sphenospora kevorkianii
S. mera
Uredo guacae
 †*U. nigropuncta*
U. oncidii

PHILIPPINES:

Guignardia (Phoma) citricarpa
 †*Hypoxyylon marginatum*

POLAND:

Heterodera rostochiensis
 †*Mycosphaerella fragariae*

PORTUGAL:

†*Heterodera punctata*
 †*Meloidogyne incognita*

PUERTO RICO:

†*Chaetopeltopsis tenuissima*
Elsinoe mangiferae
E. phascoli

Puccinia urbaniana
 †*Spaceloma spondiadis* (?)
Uromyces dolichoti

REPUBLIC OF SOUTH AFRICA:

Didymellina ornithogali
Guignardia (Phoma) citricarpa
Leptosphaeria protearum
Meloidogyne incognita
M. incognita acrita
M. javanica
Phaeosphaerella senniana
Puccinia ornithogali-thyrsoides

SCOTLAND:

Heterodera rostochiensis

SIERRA LEONE:

†*Meloidogyne incognita*

SINGAPORE:

Guignardia (Phoma) citricarpa
Macrophoma musae

SPAIN:

†*Dothidella depazeoides*
Elsinoe piri
 †*Meloidogyne javanica*
Monilinia fructigena
Mycosphaerella schoenoprasii
Septoria citri
 †*S. timonium*

SWEDEN:

†*Heterodera cacti*
H. punctata
H. rostochiensis
Monilinia fructigena

SWITZERLAND:

Chrysomyza ledi var. *rhododendri*
 †*Cytospora translucens*
 †*Lophodermium piceae*
 †*Meloidogyne hapla*

TAHITI:

†*Meloidogyne incognita acrita*

TAHITI (?):

†*Guignardia (Phoma) citricarpa*

THAILAND:

Guignardia (Phoma) citricarpa
Phyllostictina pyrifomis
Xanthomonas citri

TRINIDAD:

Meloidogyne incognita
Sphenospora kevorkianii
 †*S. saphena*

UNION OF SOVIET SOCIALIST REPUBLICS:

†*Puccinia polygami-amphibii*
 †*Pythium intermedium*
 †*P. mamillatum*
 †*P. salpingophorum*
 †*P. ultimum*

UNKNOWN:

Chrysomyza ledi var. *rhododendri*
Corynebacterium fascians
Cumminsella mirabilissima
Elsinoe australis
Guignardia (Phoma) citricarpa
Heterodera punctata
H. rostochiensis
Kuehneola uredinis
 †*Mycosphaerella acicola*
Puccinia buxi
Septoria citri
Uredo behnickiana
Xanthomonas citri
Xanthomonas sp. (Cancrosis B)

URUGUAY:

Elsinoe australis
Xanthomonas sp. (Cancrosis B)

VENEZUELA:

†*Marssonina fragariae*
 †Tobacco mosaic virus
Uredo epidendri

VIETNAM:

Guignardia (Phoma) citricarpa

WALES:

Heterodera punctata

WEST AFRICA:

†*Meloidogyne arenaria*

A dagger (†) indicates a first interception from the country named.

A double dagger (‡) indicates a first interception by Division Inspectors.

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
PLANT QUARANTINE DIVISION
FEDERAL CENTER BUILDING
HYATTSVILLE, MARYLAND 20781

LIST OF INTERCEPTED PLANT PESTS, 1963

(Pests Recorded From July 1, 1962, Through June 30, 1963)

Compiled by
Bessie C. Mumford
Plant Quarantine Aid

INTRODUCTION

This report covers the 50th year of plant quarantine work in the United States. It summarizes records of plant pests found in, on, or with plants, plant products, baggage, cargo, mail, and means of conveyance (1) imported into or entering the United States or the offshore possessions, (2) offered for entry but refused, (3) in quarters or stores of planes and ships, (4) offered for entry for immediate transportation and exportation in bond, (5) in domestic shipments to the mainland from the States of Alaska and Hawaii, the American Virgin Islands, the Commonwealth of Puerto Rico, Guam, and other possessions, or (6) in preclearance inspection in the Bahamas and Bermuda.

The pests listed include insects, mites, snails, bacteria, fungi, nematodes, and viruses of known or potential plant quarantine significance to the United States or of scientific interest. Some common organisms are included if they are new to the country of origin or the host plant.

This list reports identifications received during the fiscal year 1963 and includes many interceptions made during previous years, since determinations are sometimes delayed because of heavy work loads or lack of specialists for certain types of organisms. Most identifications are made by specialists of the Entomology Research Division, the Plant Quarantine Division (both of the U.S. Department of Agriculture), and the Department of Entomology, U.S. National Museum (of the Smithsonian Institution). However, many pests intercepted in California are identified by collaborating State officials. Snail identifications are made largely by taxonomists in the Division of Mollusks of the U.S. National Museum. Some disease determinations and critical studies are made by specialists of the Crops Research Division, U.S. Department of Agriculture. Many host plants are identified by workers in the Department of Botany, Smithsonian Institution.

Scientific names of insects and diseases are reviewed by specialists of the Plant Quarantine Division, who also assist in compiling the list. Nematode names are checked in Nematology Investigations and host names are reviewed in the New Crops Research Branch. Every effort is made to conform to the International Rules of Nomenclature. Family names are shown with the insects in the tabulation and orders are given in the host list. Classes of diseases are shown in the disease host list.

It is often difficult to trace the true origin of stores in planes and ships. Questionable cases are omitted, listed with a question mark, or shown as unknown.

NOTES ON PESTS INTERCEPTED

The total number of interceptions submitted during the fiscal year 1963 was 31,439, as compared with 33,033 the previous year. This does not include certain common pests which are widespread in this country and are no longer recorded. Of the total identified during the year, 12,482 were considered important enough to be reported in this list. That figure includes the incompletely determined pests which were significant. Last year the total in the list was 10,921.

Airborne Material

Interceptions of pests arriving by air totaled 12,700, of which 10,983 were insects, mites, or snails and 1,717 were diseases or nematodes. There were 419 interceptions of significant insects found as stowaways on airplanes. Among the important pests arriving by air were 179 interceptions of the European cherry fruit fly, 207 of the Mediterranean fruit fly, 52 of the Mexican fruit fly, 41 of the olive fruit fly, 36 of the oriental fruit fly, 34 of the pink bollworm, 206 of the West Indian fruit fly, 290 of the yanone scale, 371 of the black spot of citrus, 204 of citrus canker, 130 of the sweet orange scab, and 16 of the golden nematode.

FRUIT FLIES

There were 1433 fruit fly interceptions identified to species. This large number includes many intercepted in previous years which were identified and recorded this year. The species were as follows:

Anastrepha fraterculus(?) (once) in coffee berry in airmail from Brazil.

Anastrepha ludens, the Mexican fruit fly, was intercepted 401 times from Mexico and once from Panama. The hosts were apple, grapefruit, lime, mamey, Mandarin orange, mango, peach, pear, pomegranate, quince, sapote, and sweet orange. *A. ludens*(?) (3 times) in sapote in air stores and mango in baggage from Mexico.

Anastrepha mombinpraeoptans, the West Indian fruit fly (375 times), an adult at large in airplane and larvae in guava, mango, purple mombin, tropical almond, unidentified fruit, and yellow mombin from Brazil, Costa Rica, Cuba, Dominica, Dominican Republic, Ecuador, El Salvador, Guatemala, Haiti, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico, St. Kitts, St. Martin, Tortola, and an unknown origin.

Anastrepha ocrea (once) in sapodilla in air baggage from the Dominican Republic. This is the first authentic collection from sapodilla in the U.S. National Museum.

Anastrepha striata (twice) in guava in air baggage from El Salvador and Nicaragua.

Anastrepha suspensa (3 times) in guava in air baggage and baggage from the Dominican Republic and Puerto Rico.

Ceratitis capitata, the Mediterranean fruit fly (293 times), in apple, apricot, Arabian coffee berry, baggage (with sphagnum moss packing), bell pepper, cactus

fruit, calamondin orange, chili pepper, *Citrus sinensis* var. *shamuti*, in pulp covering common pistache nut, date, *Eugenia* sp. fruit, fig, grapefruit, guava, Indiapoon beauty-leaf fruit, jujube, kaki persimmon, Malay-apple, Mandarin orange, mango, nectarine, papaya, peach, pear, plum, pomegranate, pricklypear, quince, sweet orange, tropical almond, and unidentified fruit. Countries of origin were Africa (country(?)), Argentina, Azores, Brazil, Costa Rica, Cyprus, Europe (country(?)), Federation of Rhodesia and Nyasaland, France, Greece, Hawaii, Israel, Italy, Jordan, Lebanon, Liberia, Malta, Morocco, Peru, Portugal, Republic of South Africa, Senegal, Spain, United Arab Republic, an unknown origin, and Uruguay. *C. capitata*(?) (15 times) in apricot, Arabian coffee berry, English walnut, mango, peach, pepper, sweet orange, and tomato from Argentina, Australia(?), Bermuda(?), Brazil, Canary Islands, Costa Rica, Greece, Hawaii, Israel, Italy, Liberia, and the United Arab Republic.

Ceratitis colae(?) (once) in Sudan colanut in air baggage from Nigeria.

Ceratitis rubivora (once) in *Rubus* sp. seed in mail from Ethiopia.

Dacus cucurbitae, the melon fly (5 times), in balsampear in air baggage from the Philippines, bell pepper in stores from Hawaii, chili pepper in air baggage from Thailand, and cucumber in stores from Hawaii and the Ivory Coast. *D. cucurbitae*(?) (4 times) in cucumber in stores from Hawaii.

Dacus dorsalis, the oriental fruit fly (43 times), an adult in a flight bag and larvae in avocado, carambola, *Eugenia* sp. fruit, guava, Indiapoon beautyleaf fruit, Malay-apple, mango, papaya, pepper, rose-apple, and tropical almond from Hawaii and the Philippines. *D. dorsalis*(?) (10 times) in avocado, candlenut-tree fruit, guava, and mango from Hawaii and India.

Dacus oleae, the olive fruit fly (80 times), an adult in baggage (with lemon) and larvae in common olive, *Olea* sp., and warty olive. Countries of origin were Ethiopia, Europe (country(?)), France, Greece, Israel, Italy, Lebanon, Republic of South Africa, and Spain. *D. oleae*(?) (once) in common olive in air baggage from Italy.

Euleia heraclei (once) in celery in stores from France. *E. heraclei*(?) (3 times) in celery in stores from England and Italy and in parsley in stores from Belgium.

Rhagoletis alternata(?) (once) in rose hip in baggage from Czechoslovakia.

Rhagoletis cerasi, the European cherry fruit fly (186 times), in Mazzard cherry, sour cherry, and cherry from the Azores, Europe (country(?)), France, Germany, Israel, Italy, Poland, Portugal, Spain, and an unknown origin. *R. cerasi*(?) (once) in cherry in stores from Turkey.

Tephritis conura (once) in thistle flower head in air baggage from Sweden.

INSECTS OTHER THAN FRUIT FLIES

Of the serious insect pests intercepted the following are of unusual interest:

Acrolepia assectella (Yponomeutidae) (20 times) in leek in air baggage from France and stores from France, Germany, Italy, and the Netherlands; in onion in air baggage from France; and in stores (with cauliflower) from France.

Adoretus sinicus (Scarabaeidae) as stowaway on airplane, in baggage, on cut flowers in air baggage and aircargo, and on orchid in air baggage from Hawaii; and in mail sack from Guam.

Adoxophyes reticulana (Tortricidae) (8 times) on cut lilac in aircargo from Belgium, Germany, and the Netherlands.

Aleurocanthus woglumi (Aleyrodidae), the citrus blackfly (36 times), on *Citrus* sp. leaf, sour lime leaf, sour orange leaf, sweet orange leaf, and rose leaf from Costa Rica, Ecuador, Jamaica, Mexico, and Nicaragua. *A. woglumi*(?) (4 times) on *Citrus* sp. leaf, coffee leaf, and sour lime leaf from Jamaica and Mexico.

Anthonomus rectirostris (Curculionidae) in black cherry seed in mail from Belgium.

Argyroploce lacunana (Olethreutidae) on birch plant in air baggage from Norway.

Austrotortrix postvittana (Tortricidae) or near, in apple and plum in cargo from New Zealand.

Blastodacna atra (Cosmopterigidae) in apple in air baggage from Germany and Poland.

Brachycerus albidentatus (Curculionidae) in garlic in baggage from Italy.

Brachycerus algirus (Curculionidae) in garlic in air baggage and baggage from Italy and cargo from Italy and Spain.

Brevipalpus chilensis (Tenuipalpidae) on lemon in air stores from an unknown origin.

Bruchus dentipes (Bruchidae) in broadbean in air baggage from Iran and Italy, baggage from Greece and Italy, and mail from Italy.

Bryobia ehari (Tetranychidae) on chrysanthemum cut flower in air baggage from Japan.

Cacoecimorpha pronubana (Tortricidae) on cut carnation in air baggage from Spain and rose plant in air baggage from Italy.

Carposina niponensis (Carposinidae) (10 times) in apple in air stores and stores from Japan.

Ceroplastes rubens (Coccidae) on anthurium leaf in airmail from Hawaii, English ivy leaf in air quarters from an unknown origin, iron tree leaf in air baggage from Hawaii, and leaf of an unidentified plant in air baggage from Australia.

Chilo suppressalis (Crambidae), the Asiatic rice borer (11 times), in rice husks in stores from the Philippines; rice straw in air baggage, aircargo, cargo, mail, and stores from Japan; and rice straw jacket for liquor in air baggage from Spain.

Clysiana ambiguella (Phalonidae) in grape in air baggage from Hungary and air quarters from an unknown origin.

Conotrachelus aguacatae (Curculionidae) in avocado seed in aircargo and in avocado and Mexican avocado fruit in baggage from Mexico.

Coptotermes formosanus (Rhinotermitidae) in mail package of dried shells from Hawaii.

Cryptoblabes gnidiella (Phycitidae) (25 times) in mango, pomegranate, quince, and sweet orange from Cape Verde Islands, Greece, Italy, Portugal, Spain, an unknown origin, Venezuela, and Yugoslavia.

Curculio elephas (Curculionidae) (109 times) in European chestnut and unidentified species of chestnut from France, Greece, Italy, Portugal, Spain, Switzerland, and Yugoslavia.

Cylas formicarius formicarius (Curculionidae) in sweetpotato in air baggage and mail from the Philippines and stores from Hong Kong and Japan.

Cylas puncticollis (Curculionidae) (11 times) in sweetpotato in aircargo (as monkey food) from Kenya, cargo from Nigeria and Sierra Leone, quarters from Liberia, and stores from Sierra Leone.

Dialeurodes kirkaldyi (Aleyrodidae) on Arabian jasmine leaf in aircargo from the Philippines and mail from Hawaii, gardenia leaf in air baggage from Hawaii and Tahiti, and unidentified plant in air baggage from China.

Diaprepes abbreviatus (Curculionidae) as stowaway on airplane from Puerto Rico and on cut flowers and Sierra bladder-nut in aircargo from Haiti. *D. abbreviatus* var. on cut flowers in aircargo from Haiti.

Dichocrocis punctiferalis (Pyraustidae) on 5-needle dwarf pine tree in baggage and cargo from Japan.

Dyspessa ulula (Cossidae) in garlic in baggage from Italy and cargo from Spain and an unknown origin.

Epinotia aporema (Olethreutidae) in stores (with cabbage) from Peru and in string bean in air baggage from Colombia and stores from Chile and Venezuela.

Euproctis similis (Lymantriidae) on hawthorn plant in cargo from Japan.

Euscepes postfasciatus (Curculionidae) in mail (with ti cutting) from Hawaii; and in sweetpotato in air baggage from Jamaica, baggage from Puerto Rico, cargo from Tortola, and stores from Brazil, British Guiana, Panama, and Trinidad.

Evergestis forficalis (Pyraustidae) in cabbage in stores from Belgium, France, and the Netherlands; and in cauliflower in stores from France.

Gnorimoschema ocellatella (Gelechiidae) in beet in stores from Italy and the United Arab Republic; and in stores (with string bean) from Italy.

Gryllotalpa africana (Gryllotalpidae) with cargo (aircraft parts) by air from Japan.

Gryllus bimaculatus (Gryllidae) (8 times) as stowaway in airplane and in air baggage from Morocco.

Haplothrips tritici (Phlaeothripidae) in wheat stalk in air baggage from the Union of Soviet Socialist Republics.

Heterobostrychus brunneus (Bostrichidae) in packing boards on cargo from the Republic of the Congo and West Africa.

Lampides boeticus (Lycaenidae) in mauna loa lei in air baggage, baggage, and mail from Hawaii, pea pod in stores from Japan, sesbania seed in air baggage from Hawaii, and string bean in air baggage from Italy.

Laspeyresia splendana (Olethreutidae) (93 times) in acorn in mail from Switzerland; in air baggage (with apple) from Portugal; in cork oak seed in cargo from Italy; and in European chestnut in air baggage from the Azores, France, Greece, Italy, and Portugal, baggage from Austria, France, Italy, Portugal, Spain, and an unknown origin, and cargo and mail from Italy.

Lema bilineata (Chrysomelidae) in excelsior packing with melon in cargo from Chile.

Leucinodes orbonalis (Pyraustidae) in eggplant in air baggage from Ghana and stores from the Federation of Malaysia(?) and Senegal.

Lobesia botrana (Olethreutidae) in grape in air baggage from Italy.

Mamestra brassicae (Noctuidae) (24 times) on cabbage in stores from Belgium, France, Italy, and the Netherlands; cauliflower in stores from Denmark, France, Italy, and the Netherlands; kale in air baggage from Denmark; lettuce in stores from France and Spain; in quarters (with gladiolus cut flowers) by air from Italy; and on Swiss chard in stores from Italy.

Maruca testulalis (Pyraustidae), a bean pod borer (22 times), in air baggage (with coriander seed) from the Dominican Republic; in lima bean in cargo from Puerto Rico; mauna loa lei in air baggage and baggage from Hawaii; pigeonpea in air baggage from the Dominican Republic, Panama, and Puerto Rico and cargo from Puerto Rico; sesbania seed in air baggage from Hawaii; and string bean in air baggage and cargo from Puerto Rico and stores from Japan, Puerto Rico, Senegal, and Surinam.

Matsumuraes phaseoli (Olethreutidae) in string bean in stores from Japan.

Melolontha melolontha (Scarabaeidae) in quarters of airplane from Switzerland.

Monosteira unicostata (Tingidae) in almond in air baggage from Greece.

Naupactus xanthographus (Curculionidae) in honeydew melon and melon in cargo from Chile.

Nephotettix apicalis (Cicadellidae) with aircargo of silk stoles from India and with dry stores from an unknown origin.

Ostrinia nubilalis (Pyraustidae) in apple in baggage from Italy; bell pepper in air baggage from Italy, air stores from Japan, and stores from Italy and Sweden; burdock stem in stores from Japan; with corn seed in aircargo from Italy and in fresh corn ear in stores from Thailand; in peach in air stores from an unknown origin; and in rice in aircargo from Japan.

Oryctes hyalinipennis (Lygaeidae) in cottonseed in cargo from Pakistan and pomegranate in air baggage from Israel and baggage from Greece.

Pectinophora gossypiella (Gelechiidae), the pink bollworm (56 times), in cotton boll, cotton lint, cottonseed, Hawaiian seed cotton, okra, and seed cotton from Barbados, Brazil, Dominican Republic, Grenada, Haiti, Hawaii, Jamaica, Liberia, Mexico, Pakistan, an unknown origin, and Venezuela.

Phalonia zephyrana (Phaloniidae) in carrot in stores from Italy.

Phlyctinus callosus (Curculionidae) (13 times) in grape in cargo and quarters from the Republic of South Africa.

Pieris brassicae (Pieridae) in cabbage in stores from France and Italy and with military cargo from the Azores and Morocco.

Prays oleellus (Yponomeutidae) in olive in air baggage from Italy and baggage from Greece.

Premnotrypes latithorax (Curculionidae) in potato tuber in air baggage from Bolivia.

Prodenia litura (Noctuidae) in airplane from an unknown origin; in beet and pepper in stores from Israel; and with aircargo from the Philippines.

Sesamia cretica (Noctuidae), the durra stem borer (8 times), in broomcorn in baggage from Italy, cargo from Greece, Italy, and Spain; corn ear in air baggage from Italy and an unknown origin; and corn husk packing in mail from Italy.

Sesamia nonagriodes (Noctuidae) with chestnut in air baggage from Portugal and baggage from Spain.

Spanioneura fonscolombeii (Psyllidae) on carnation and chrysanthemum cut flowers in air quarters from England.

Stephanoderes hampei (Scolytidae) in Arabian coffee berry in air baggage from Brazil; and coffee berry in air baggage from Formosa, cargo from the Republic of South Africa and an unknown origin, and mail from an unknown origin.

Sternonchetus mangiferae (Curculionidae) in mango in air baggage from Hawaii and India and mail and stores from Hawaii.

Taeniothrips eucharis (Thripidae) on *Lycoris* spp. and narcissus bulbs in cargo from Japan.

Tetranychus viennensis (Tetranychidae) on apple in air baggage from Hungary and Japan.

Thrips imaginis (Thripidae) on hyacinth cut flower in air quarters and rose cut flower in baggage from Australia.

Tortrix excessana (Tortricidae) in apple in cargo from New Zealand.

Trogoderma granarium (Dermestidae), the khapra beetle (225 times), with bagging and ballast, in broadbean, with cargo and in cargo hold, in celery seed,

chickpea, cinnamon, coriander seed, cumin seed, with debris, in divi-divi pod, fennel seed, grain, gum arabic, gum tragacanth, gum zedou, guar gum, karaya gum, mung bean, myrobalan, nutmeg, pea, pigeonpea, pistache nut, psyllium seed, *Pyrus* sp. seed, quarters, rice, soybean, stores, string bean, talha gum, and tamarind seed powder. Countries of origin of the infested materials were Ceylon, England, Federation of Malaysia, Formosa, France, Germany, Hong Kong, India, Iran, Japan, Kenya(?), Korea, Kuwait, Lebanon, Netherlands, Pakistan, Seychelles, Sudan, Thailand, and an unknown origin.

Unaspis yanonensis (Coccidae), the yanone scale (427 times), on *Citrus* sp., grapefruit, lemon, lime, Mandarin orange, Marumi kumquat, sour orange, sweet orange, tangelo, and yuzu from Australia, China, Fiji, Hong Kong, Italy, Japan, Philippines, and an unknown origin.

SNAILS

The following snails are of particular interest:

Achatina fulica, the giant African snail, on packing crate of military cargo by air from Formosa.

Arianta arbustorum with air baggage from Germany, on cauliflower and lettuce in stores from the Netherlands, and on violet plant in air baggage from Germany.

Bradybaena similaris (10 times) on anthurium in air baggage and mail from Hawaii, on dasheen plant in air baggage, ti in aircargo, and cut flowers in mail from Hawaii; military cargo from Bermuda; and orchid flowers in aircargo, cargo, and mail from Hawaii.

Cochlicella barbara (31 times) on automobile in cargo from Libya and Morocco, four-o'clock seed in cargo from France, garlic in stores from Morocco, and military cargo from Crete, France, Greece, Morocco, and Spain.

Cochlicella ventrosa (18 times) on automobile in cargo from Libya, cabbage and leek in stores from Portugal, lettuce in stores from Italy, and military cargo from the Azores and Spain by air and by surface cargo from the Azores, Morocco, Spain, and an unknown origin.

Fifteen species of *Helicella* were intercepted a total of 92 times from Crete, Denmark, England, France, Germany, Greece, Italy, Libya, Morocco, Netherlands, Spain, Turkey, and an unknown origin. The hosts were airplane, automobile, cabbage, cauliflower, chicory, cork oak, four-o'clock seed, leek, military cargo, residue in hold, soil with begonia plant, stores, and tassel grapehyacinth.

Helicina neritella on orchid plant in air baggage from Jamaica.

Helix figulina on military cargo by air from Turkey. *H. pomatia* with air baggage from Germany.

Monacha cantiana and *M. carthusiana* on military cargo from France. *M. olivieri* on military cargo from Greece and Turkey, and in soil with plant in baggage from Greece.

Retinella hammonis in soil in air baggage from Ireland, soil with birch shoot in air baggage from Italy, and soil with potted plant in air baggage from Germany.

Rumina decollata on military cargo from Morocco.

Subulina octona on four-o'clock seed in cargo from the Netherlands and orchid plant in aircargo from Peru.

Theba pisana, the Mediterranean land snail (59 times) on airplane, automobile, cork oak, crate, cut flowers, dried plant material, four-o'clock seed, leek, lettuce, Madonna lily, protea flowers, stores, and sweet orange from the Azores, Crete, France, Italy, Libya, Morocco, Netherlands, Portugal, Republic of South Africa, Spain, and an unknown origin.

Other snails of importance were *Ceciloides acicula*, *Helix aspersa*, *Lamellaxis micra*, *Limax marginatus*, *Milax gagates*, *Otala lactea*, *O. vermiculata*, *Oxychilus alliarius*, *Opeas pumilum*, *O. pyrgula*, and *Trichia hispida*.

DISEASES

Elsinoe australis, the sweet orange scab, was intercepted 209 times; 92 from Brazil, 78 from Argentina, 16 from South America (country(?)), 14 from an unknown origin, 7 from Uruguay, and 2 from Paraguay. Hosts were grapefruit, lemon, Mandarin orange, sour lime, and sweet orange.

Guignardia citricarpa (Phoma stage), the black spot of citrus, was intercepted 556 times, 259 from the Republic of South Africa, 104 from Hong Kong, 85 from Japan, 36 from Australia, 35 from an unknown origin, 15 from China, 9 from Formosa, 3 from Brazil, 2 each from Pakistan, Philippines, and Vietnam, and 1 each from India(?), Okinawa, Tahiti(?), and Thailand. Hosts were *Citrus* sp.,

grapefruit, lemon, lime, Mandarin orange, pummelo, sour orange, and sweet orange. *Xanthomonas citri*, citrus canker, was intercepted 377 times; 161 from India, 151 from Japan, 22 from Hong Kong, 13 from China, 11 from an unknown origin, 6 from Formosa, 3 each from Afghanistan, Federation of Malaysia, and Thailand, 2 from Pakistan, and 1 each from the Philippines and Vietnam. Hosts were *Citrus* sp., grapefruit, lemon, lime, Mandarin orange, pummelo, sour orange, sweet orange, and tangelo.

Xanthomonas sp. (Cancrosis B) was intercepted 19 times; 14 from Argentina, 3 from an unknown origin, and 2 from South America (country(?)). Hosts were lemon and sweet orange.

Other diseases of special interest were:

Puccinia buxi on boxwood leaf in air baggage, air quarters, and air stores from England, Europe (country(?)), France, Ireland, Switzerland, and an unknown origin.

Puccinia dochmia(?) on muhly grass packing in baggage from Mexico.

Puccinia erythrops on Chinese silvergrass in stores from Japan.

Puccinia iridis on iris leaf in mail from Austria.

Puccinia longicornis on bamboo leaf in stores from Japan.

Puccinia oncidii on *Oncidium* sp. leaf in aircargo from Ecuador.

Puccinia thaliae on canna leaf in air baggage from Honduras.

Puccinia urbaniana on *Jamacia falsevalerian* leaf in air baggage from the Dominican Republic.

Rhytisma decolorans on lyonia leaf in airmail from Nepal.

Rose mosaic—yellow type on cut roses in air baggage from Haiti.

Sphaceloma poinsettiae on common poinsettia in air baggage from Guatemala.

Sphaceloma spondiadis on "jobo" in air baggage from Barbados, purple mombin in air baggage from the Dominican Republic and El Salvador, *Spondias* sp. in air baggage from Trinidad, and vi-apple in air baggage from Guatemala.

Thecaphora solani on Irish potato in air baggage from Colombia.

Uromycladium tepperianum on graceful-wattle acacia seed in airmail from Australia.

NEMATODES

Nematodes of special interest were:

Aphelenchoides blastophthorus in lily-of-the-valley pips in cargo from Denmark.

Aphelenchoides parietinus in soil on raintree saman log in cargo from Fiji.

Criconema celestem in soil with camellia plant in baggage from Portugal.

Criconema fimbriatum (first interception) in soil with begonia plant in baggage from Mexico.

Criconemoides curvatum in soil with begonia plant in baggage from Argentina, soil with camellia in baggage from Portugal, and soil with mint in baggage from Mexico.

Criconemoides informe in soil with beech and spruce plants in air baggage from Germany.

Criconemoides mutabile in soil with amaryllis bulb, dahlia root, mango seedling, and unidentified plant in baggage from Mexico.

Ditylenchus dipsaci in narcissus bulb in mail from England.

Helicotylenchus nannus (17 times) in crown-of-thorns euphorbia, in soil with begonia, caladium, coleus, dracaena, mango, mint, palm, onion, and unidentified plants. Countries of origin were Argentina, Brazil, Hawaii, Japan, Mexico, and the Philippines.

Hemicriconemoides mangiferae (first interception) in soil with coleus plant in baggage from Mexico.

Heterodera avenae in soil with automobile in cargo from France and soil with dahlia root in air baggage from Germany.

Heterodera rostochiensis, the golden nematode (32 times), in soil with automobile in cargo from England and Germany and soil with the following plant material: Amaryllis bulb in air baggage from an unknown origin, cactus plant in air baggage from England, calla lily plant in air baggage from Germany, carrot in stores from the Netherlands, celery in stores from Norway, dahlia root in air baggage from Ireland, English ivy plant in baggage from Germany, garden sage plant in air baggage from England, garlic in cargo from Peru, grass plant in air baggage from England, heather plant in air baggage from Scotland, potato in stores from Argentina, Canary Islands, and England, primrose plant in baggage and mail from England, *Prunus* sp. cutting in air baggage from Sweden, *Rubus* sp. plant in mail from England, shamrock leaf in mail from Ireland and shamrock

plant in airmail from Northern Ireland, *Solanum* spp. tubers in airmail from South America (country(?)), stonecrop plant in air baggage from England, strawberry plant in air baggage from Germany, and unidentified plant in air baggage from England.

The rootknot nematodes were intercepted a total of 39 times in roots of various bulbs, plants, and vegetables as follows: *Meloidogyne arenaria* (6 times), for the first time from Nicaragua; *M. hapla* (11 times), for the first time from Ireland, Lebanon, and Portugal; *M. incognita* (4 times), *M. incognita acrita* (11 times), for the first time from Senegal; *M. incognita incognita* (once); and *M. javanica* (6 times), for the first time from Nicaragua.

Pratylenchus convallariae in lily-of-the-valley pip in cargo from Denmark.

Pratylenchus penetrans in dahlia root in mail from the Republic of South Africa and in soil with camellia plant in baggage from Portugal.

Radopholus similis in anthurium root in baggage and ginger rhizome in cargo from Hawaii.

Rotylenchus goodeyi in horseradish root in quarters from England.

Rotylenchus robustus in horseradish root in quarters and in soil with Euphorbiaceae in air baggage from England.

Rotylenchus uniformis in soil with camellia in baggage from Portugal and in soil with "shamrock" in mail from Ireland.

Scutellonema brachyurum in liliaceous plant in baggage from Australia, in soil with bulb in baggage and gardenia plant in cargo from Mexico, in soil with liliaceous plant in air baggage from Japan, and in soil with unidentified plant in air baggage from Hawaii and baggage from Mexico.

Tylenchorhynchus capitatus in soil with camellia plant in baggage from Portugal and in soil with chalice vine and unidentified tree in baggage from Mexico.

Tylenchorhynchus crassicaudatus (first interception) in soil with arum plant in air baggage from the Philippines and soil with privet plant in air baggage from Japan.

INCOMPLETELY DETERMINED PESTS

It is not always possible to complete a determination as to species, due to the stage or condition of the insect or pathogen when intercepted or the fact that it may be undescribed. Many of these pests are of potential economic importance, unreported from the country of origin or the United States, or new to the host plant. Some of the more significant ones are included in this writeup, but not in the tabulation except in the summary. This year there were 4,558 insects and mites and 761 diseases and nematodes, or a total of 5,319 incompletely determined interceptions considered important enough to record. Snails not identified to species are not recorded.

INCOMPLETELY DETERMINED FRUIT FLIES

A total of 571 fruit flies not identified to species were as follows:

Anastrepha sp., possibly *distincta* Greene (once), in *Inga* sp. pod in baggage from Mexico.

Anastrepha sp., possibly *fraterculus* (3 times) in Arabian coffee berry in air baggage from Brazil and quince in stores from Peru.

Anastrepha sp., probably *ludens* (24 times), in mango, peach pear, quince, sapote fruit and seed, sweet lime, and sweet orange in baggage from Mexico; and in sweet orange in air baggage from Guatemala and air stores from Mexico.

Anastrepha sp., probably *mombinpraeoptans* (47 times) in mango in air baggage from British Honduras, Costa Rica, Dominican Republic, Ecuador, El Salvador, Haiti, Honduras, Jamaica, Nicaragua, Panama, and Puerto Rico, aircargo from Guatemala, air quarters from Mexico, baggage from British Honduras, Honduras, Mexico, and Trinidad, cargo from the Dominican Republic, quarters from Jamaica, Panama, and an unknown origin, and stores from El Salvador and Haiti; in guava in air baggage from Colombia; in vi-apple in air baggage from Puerto Rico; and in yellow mombin in air baggage from the Dominican Republic and Guatemala and baggage from Puerto Rico.

Anastrepha sp., possibly *ocresia* (once) in sapodilla in air baggage from the Dominican Republic.

Anastrepha sp., possibly *serpentina* (Wied.) (5 times), in mamey in air baggage from Peru; sapodilla in air baggage from Colombia, Mexico, and Nicaragua, and star-apple in air baggage from Panama.

Anastrepha sp., probably *striata* (20 times), in guava in air baggage from Colombia, Costa Rica, Ecuador, Nicaragua, and Panama, baggage from El Salvador and Mexico, and quarters from Mexico.

Anastrepha sp., probably *suspensa* (65 times), in guava in air baggage from the Dominican Republic, Jamaica, and Puerto Rico, and airmail, baggage, and mail from Puerto Rico; in sapodilla in air baggage from the Dominican Republic and Jamaica; and in tropical almond in air baggage from the Dominican Republic, Jamaica, and Puerto Rico.

Anastrepha sp. (303 times) in acerola, apple, Arabian coffee berry, avocado, Barbados-cherry malpighia, broadbean (new host), cherimoya, chupa-chupa, cucurbit, custard-apple, fig, giant granadilla, grapefruit, guava, hawthorn fruit, *Inga* sp. (?) seed pod, lime, loquat, Malay-apple, Mandarin orange, mango, peach, peach palm fruit, pear, plum, pomegranate, ponderosa lemon, quince, red mombin, rose-apple, sapodilla, sapote, soursop, star-apple, sweet orange, tropical almond, vi-apple, white sapote, and yellow mombin. Countries of origin were Argentina (?), Bahamas, Bolivia, Brazil, British Guiana, British Honduras, Chile, Colombia, Costa Rica, Curacao, Dominica, Dominican Republic, Ecuador, El Salvador, Guadeloupe, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Peru, Puerto Rico, Trinidad, an unknown origin, and Venezuela. *Anastrepha* sp. (?) (7 times) in coffee berry in air baggage from Colombia, *Inga* sp. pod in air baggage from Ecuador, mango in aircargo from Jamaica, baggage from Mexico, and quarters from Venezuela, and in peach and sweet orange in baggage from Mexico.

Ceratitis sp., probably *capitata* (once), in sweet orange in baggage from Italy.

Dacus sp., probably *dorsalis* (once), in mango in air baggage from Hawaii.

Dacus sp. (10 times) in cucumber in stores from Ghana and West Africa, *Cucumis* *heptadactylus* seed in mail from the Republic of South Africa, Cucurbitaceae in air baggage from India, grapefruit in air baggage from Pakistan, mango in air baggage from India and the Philippines, pepper in stores from Angola, and squash in stores from Senegal. *Dacus* sp. (?) (3 times) in cucumber in stores from Liberia, mango in air baggage from the Philippines, and towel-gourd in baggage from Vietnam.

Rhagoletis sp., probably *alternata* (once), in rose hip in baggage from Germany.

Rhagoletis sp., probably *cerasi* (6 times), in cherry in air baggage from Austria, Hungary, and an unknown origin, aircargo from Switzerland, and air stores from France and an unknown origin.

Rhagoletis sp. (37 times) in apple in air baggage and baggage from Mexico, cherry in air baggage from Sweden and air quarters from an unknown origin, and crabapple, hawthorn fruit, and *Lycium* *berlandieri* in baggage from Mexico. *Rhagoletis* sp. (?) (9 times) in apple in baggage from Italy and Mexico and stores from Peru, baggage (with beans) from Italy, *Lycium* *berlandieri* in baggage from Mexico, peach in air baggage from Mexico, and quince in baggage from Mexico.

Tephritidae (23 times) larva and pupa in apple in air stores from Canada and Germany and baggage from Mexico, pupa in celery in stores from France, pupa in chili pepper in air baggage from Thailand, adult with *Chrysanthemoides* sp. seed in aircargo from the Republic of South Africa, pupa with chrysanthemum flower in air baggage from Japan, larva with frangipani flower in mail from Hawaii, larva in grapefruit in stores from Israel(?), pupa with guar gum in cargo from India, larva with heather in air baggage from Scotland, pupa with karaya gum in cargo from India, larva in peach in air stores from Peru, larva in pepper in baggage from Mexico, larva in pomegranate in air baggage from Argentina, larva and pupa in preserved fruit in stores from Algeria(?), larva in star-apple in air baggage from the Philippines, eggs in sweet orange in stores from Venezuela and larva in stores from Costa Rica, pupa in tomato in stores from an unknown origin, larva in tropical almond in air baggage from Hawaii, and larva and pupa in unidentified seed in air baggage from Italy. Tephritidae (?) (4 times) larva in apple in stores from Peru, pupa with banana in cargo from Ecuador, larva in chili pepper in baggage from Mexico, and larva in genip fruit in air baggage from Venezuela.

INCOMPLETELY DETERMINED INSECTS

Of special interest among the incompletely determined insects, other than fruit flies, were the following:

Acheta sp., near *hispanicus* (Gryllidae), evidently a native Moroccan cricket not known to occur in the United States, in the baggage compartment of an airplane from Morocco.

Aleyrodidae, new genus near *Aleurodicus*, n. sp., on *Encyclia* sp. plant in aircargo from Honduras; *Laelia anceps* plant in cargo from Mexico; *Odontoglossum* sp. leaf in aircargo from Guatemala; *Oncidium cebolleta* leaf in cargo from Mexico;

Oncidium sp. leaf in aircargo from Guatemala; and orchid leaf in air baggage from Guatemala, aircargo from El Salvador and Guatemala, and cargo from Mexico. Aleyrodidae, genus and species not recognized, very interesting, on grape leaf in air stores from France.

Anthonomus sp., probably *rectirostris* (Curculionidae), in wild Mazzard cherry seed in cargo from Austria.

Aphidae, genus near *Jacksonia* and *Carolinaia*, species not recognized, on cedar seedling in air baggage from Lebanon.

Apion sp., probably *carduorum* Kirby (Curculionidae), in cardoon in mail from Italy and artichoke in aircargo from France.

Arhopalus sp., possibly *ferus* (Muls.) (Cerambycidae), in coniferous packing board on marble in cargo from Italy.

Baris sp., probably *lepidii* Germ. (Curculionidae), in horseradish roots in air baggage from Yugoslavia.

Bemisia sp., apparently undescribed, near *shinanoensis* (Kuw.) (Aleyrodidae), on carnation and chrysanthemum cut flowers in air baggage and spirea leaf in air quarters from Japan.

Brachyrhinus sp. (Curculionidae) on amaryllis bulb in air baggage from Greece, astilbe roots in cargo from the Netherlands, boxwood leaf in air quarters from an unknown origin, packing material in cargo from the Netherlands, pomegranate in air baggage from Israel, rose in air baggage from Finland, rose and lilac in aircargo and cargo from Germany, and in soil with cactus and stonecrop plants in air baggage from Belgium.

Bruchidius sp., near *dispar* Gyll. (Bruchidae), in *Crotalaria* sp. seed pod in aircargo from the Republic of the Congo.

Bruchidius sp., near *orchesioides* Heyd. (Bruchidae), in guar seed in airmail and mail from India and in cargo from Pakistan,

Bruchus sp., probably *lentis* (Bruchidae), in lentil in stores from Germany.

Ceutorhynchus sp., possibly *contractus* Marsh. (Curculionidae), in turnip in stores from France.

Cnephasia sp., near or *virgaureana* (Treit.) (Tortricidae), on lettuce in air stores from England(?).

Conarthrus sp., near *cylindricus* (Woll.) (Curculionidae), in bamboo support with orchid in baggage from Brazil.

Cylas sp., possibly *puncticollis* (Curculionidae), in sweetpotato in cargo from Nigeria.

Diaprepes sp., probably *abbreviatus* (Curculionidae), in *Dioscorea* sp. tuber in baggage and cargo from Puerto Rico.

Earias sp. (Noctuidae) in okra pod in air baggage from India.

Epicaerus sp., probably *cognatus* Sharp (Curculionidae), in potato in cargo from Mexico.

Gymnandrosoma sp. (Olethreutidae) with akee and pomegranate fruits in aircargo from Colombia; in jujube in air baggage from Honduras; in lime in baggage from Mexico; and in sweet orange in baggage from Mexico, quarters from Venezuela, and stores from Brazil, Ecuador, and Venezuela.

Harmolita sp. (Eurytomidae) (12 times) in esparto needlegrass brooms in cargo from Italy.

Heilipus sp., possibly *trifasciatus* (F.) (Curculionidae), in persea budwood in aircargo from Costa Rica.

Hylobius sp. (Curculionidae) in linganberry in air baggage from Finland.

Hylurgops sp., probably *palliatius* (Gyll.) (Scolytidae), in pine log in dunnage from Finland.

Hypera sp., evidently *brunneipennis* Boh. (Curculionidae), in garlic in cargo from Mexico, lemongrass in baggage from Mexico, rice straw packing in cargo from the United Arab Republic, soil in baggage from Mexico, and tomato in cargo from Mexico.

Lixus sp. (Curculionidae) in beet in stores from the United Arab Republic, bell pepper in cargo from Mexico, corn stalk in cargo from an unknown origin, and turnip in stores from Italy.

Mamestra sp., probably *brassicae* (Noctuidae), in airplane from Japan.

Phyllotreta sp., probably *consobrina* Curtis (Chrysomelidae), in cabbage in stores from France.

Phyllotreta sp., probably *cruciferae* (Goeze) (Chrysomelidae), in cabbage in stores from Italy.

Prays sp., near or *endocarpa* Meyr. (Yponomeutidae), in sweet orange in aircargo from the Philippines.

Premnotrypes sp., probably *solani* Pierce (Curculionidae), in potato in stores from Peru. *Premnotrypes* sp. (31 times) in potato in air baggage from Bolivia, Colombia, and Peru, baggage from Colombia, and stores from Colombia, Ecuador, and Peru; and an adult on cardboard carton of bell pepper in stores from an unknown origin.

Rhynchaenus sp. (Curculionidae) on rose and lilac in aircargo from the Netherlands.

Rhynchites sp. (Curculionidae) in *Berberis* sp. seed in airmail and mail from Nepal, in glandbearing oak seed in mail from Japan, with lichen in baggage from Mexico, on orchid plant in cargo from Mexico, and in wild Mazzard cherry seed in cargo from Austria.

Rhynchotarsonemus n. sp. (Tarsonemidae) on boxwood leaf in air quarters from England.

Selenaspidus sp., probably new (Coccidae), on *Cycas* sp. seed in mail from Nigeria.

Sesamia sp., possibly *nonagriodes* (Noctuidae), on cabbage in stores from Italy.

Strophosoma sp. (Curculionidae) in packing material in cargo from the Netherlands.

Thripidae, undescribed genus and spp., on anthurium cutting in air baggage from Colombia.

Tipula sp., *oleracea* group (Tipulidae), in soil with pine seedling in air quarters from Germany and on strawberry plant in air baggage from Sweden.

Xyleborus sp., near *eurygraphus* Ratz. (Scolytidae), in melon in cargo from Spain.

INCOMPLETELY DETERMINED DISEASES

Of the 382 incompletely determined diseases, the following are of special interest:

Ascochyta sp. on *Epimedium niveum* leaf in aircargo from England. None reported on this host as far as is known.

Cercospora sp., apparently undescribed, on philodendron cutting in cargo from Mexico. No record on this host. *Cercospora* sp. on anthurium leaf in baggage from Mexico.

Pestalotia sp. on *Arachnanthe flos-aeris* var. *insignis* orchid leaf in aircargo from Thailand. No report on this host as far as known.

Phyllosticta sp. on *Vaccinium leucanthemum* leaf in air quarters from Mexico. Does not agree entirely with any reported *Phyllosticta* on this host genus.

Pleurotes sp. on star cactus in cargo from Mexico.

Uromycladium sp., prob. *alpinum* McAlp., on flaxleaf acacia seed in mail from Australia.

INCOMPLETELY DETERMINED NEMATODES

Of the 379 nematode interceptions not completely identified, the following are significant:

Aphelenchoides sp., probably *parietinus* or *chamelocephalus*, in ginger root in cargo from Japan.

Criconemoides sp., near *informe*, in amaryllis and in soil with fern in baggage from Mexico.

Criconemoides sp., probably new species close to *xenoplax* Raski, 1952, in soil with pyramid Chinese juniper in baggage from Japan.

Criconemoides sp. in soil with various unidentified plants in baggage from Mexico.

Ditylenchus sp., probably *dipsaci*, in onion in air baggage from Mexico.

Ditylenchus sp. in lily-of-the-valley pip in cargo from Denmark.

Helicotylenchus sp., close to *digonicus* Perry in Perry, Darling and Thorne, 1959. in soil with mountain heath in mail from Scotland.

Helicotylenchus sp. (35 times) in *Chamaedorea* sp. plant, common portulaca plant, dahlia root, soil, and soil with the following plants: Agave, begonia, bougainvillea, cactus, coffee, fern, gardenia, ginger, lavender, lily, mint, pepper, philodendron, primrose, spiderwort, unidentified, and verben. Countries of origin were England, Finland, Guatemala, Hawaii, Italy, and Mexico.

Heterodera sp., probably *rostochiensis*, in soil with fuchsia plant in air baggage from Ireland.

Heterodera sp., *goettingiana* group (78 times), in soil samples, soil with automobiles and military cargo, and soil with various plants and vegetables from Argentina, Azores, England, France, Germany, Greece, Guatemala, Ireland,

Italy, Japan, Mexico, Netherlands, Poland, Portugal, Scotland, Spain, Sweden, and Yugoslavia.

Heterodera sp., *rostochiensis* group, probably "horsenettle cyst nematode," in soil with bougainvillea plant in baggage from Mexico and ullucus tuber in air baggage from Bolivia. *Heterodera* sp., *rostochiensis* group, in soil with begonia, chili pepper, Chinese hibiscus(?), mango, nasturtium, *Origanum* sp.(?), and treebine plants in baggage from Mexico; and in soil with potato in stores from Germany and Italy.

Heterodera sp., *schachtii* group (111 times), in soil samples, soil with automobiles and van pack skids, and soil with various flower plants and vegetables. Countries of origin were Argentina, Australia, Belgium, Canary Islands, Chile, Czechoslovakia, Denmark, England, Finland, France, Germany, Greece, Guatemala, Ireland, Italy, Lebanon, Netherlands, New Zealand, Norway, Okinawa, Paraguay, Poland, Portugal, Scotland, Sweden, and an unknown origin.

Heterodera sp. (4 times) in soil with cactus plant in air baggage from Germany, soil with potato in air baggage from Ireland, soil with rosemary plant in air baggage from Poland, and soil with shamrock in mail from Northern Ireland.

Hoplotaimus sp. (3 times) in soil with agave, pricklypear, and unidentified plants in baggage from Mexico.

Meloidogyne sp. (33 times) in roots of various flower and ornamental plants from Austria, England, Fiji, Germany, Hawaii, India, Japan, Mexico, Netherlands, Portugal, Republic of South Africa, Spain, and Switzerland.

Paratylenchus sp. in soil with mountain heath plant in mail from Ireland.

Pratylenchus sp. (12 times) in amaryllis bulb, cornflower root, Fortunes plantainlily root, helianthus root, lungwort root, and in soil with coffee, maidenhair fern, mountain heath, and unidentified plants from the Azores, England, India, Ireland, Mexico, Netherlands, and the Republic of South Africa.

Psilenchus sp. in unidentified plant in mail from India.

Rotylenchus sp. in soil with yucca in cargo from Guatemala.

Scutellonema sp. in soil with amaryllis plant, gardenia plant, and lily bulb in baggage and ragweed plant in mail from Mexico.

Trichodorus sp. in soil with camellia plant in baggage from Portugal.

Tylenchorhynchus sp., near *latus* Allen, 1955, in soil with gardenia plant in baggage from Mexico.

Tylenchorhynchus sp. (18 times) in soil with agave, chrysanthemum, coleus, gardenia, hibiscus, orchid, pricklypear, succulent, and unidentified plants in baggage from Mexico, soil with snails in air baggage from the Philippines, soil with unidentified plants in air baggage from England, and in tuberous begonia in air baggage and mail from Belgium.

Tylenchus sp., near *discrepans* Andrassy, 1954, in soil with pine plant in air baggage from Japan.

Tylenchus sp. (5 times) in soil with begonia in baggage from Argentina, soil with coffee, dahlia, and philodendron plants in baggage from Mexico, and in unidentified plants in mail from India.

Xiphinema sp. (5 times) in soil with amaryllis bulb and pepper plant in baggage from Mexico, soil with camellia in baggage from Portugal, and soil with common cassava root in cargo from Guatemala.

CHANGES IN NOMENCLATURE

For reference purposes the following list represents insect name changes which have occurred since the issuance of the previous list. Disease name changes are included in the tabulation.

Aleurotrachelus jelenekii (Frauen.) (= *Frauenfeldiella jelenekii* (Frauen.))

Bruchidius villosus (F.) (= *Sparteus villosus* (F.))

Bruchus rufipes Hbst. (= *B. guttalis* Rey)

Incisitermes repandus (Hill) (= *Kaloterms repandus* Hill)

Lygaeus pulchellus F. (= *Ochrostomus pulchellus* (F.))

Merodon equestris (F.) (= *Lampetia equestris* (F.))

Ovatus crataegarius (Wlk.) (= *Phorodon menthae* (Buckt.))

Taeniothrips eucharis (Whetzel) (= *T. gracilis* Moulton)

Summary of Numbers of Interceptions Listed in Main Table

Country	Insect	Disease	Country	Insect	Disease
Africa:			Europe—Continued		
Africa (country(?)).....	5	0	Denmark.....	26	2
Algeria.....	6	0	England.....	173	51
Angola.....	1	0	Europe (country(?)).....	115	12
Canary Islands.....	1	1	Finland.....	5	0
Cape Verde Islands.....	1	0	France.....	124	8
Ethiopia.....	2	0	France(?).....	1	0
Federation of Rhodesia and			Germany.....	89	16
Nyasaland.....	1	0	Greece.....	74	3
Ghana.....	3	0	Hungary.....	15	0
Ivory Coast.....	1	0	Ireland.....	98	31
Kenya.....	5	0	Italy.....	585	17
Kenya(?).....	1	0	Malta.....	3	0
Liberia.....	8	0	Netherlands.....	76	7
Libya.....	10	0	Netherlands(?).....	1	0
Madagascar.....	2	0	Northern Ireland.....	0	1
Morocco.....	59	0	Norway.....	8	3
Mozambique.....	2	0	Norway(?).....	0	1
Nigeria.....	4	0	Poland.....	33	0
Republic of South Africa.....	23	275	Portugal.....	53	7
Republic of the Congo.....	8	0	Scotland.....	23	5
Senegal.....	5	1	Spain.....	104	8
Seychelles.....	1	0	Sweden.....	7	2
Sierra Leone.....	8	0	Switzerland.....	15	25
Sudan.....	66	0	Union of Soviet Socialist		
United Arab Republic.....	11	0	Republics.....	1	0
West Africa.....	6	0	Yugoslavia.....	8	0
Zanzibar.....	1	0	North America:		
Asia:			Bermuda.....	4	0
Afghanistan.....	0	3	Bermuda(?).....	1	0
Burma.....	1	0	Canada.....	3	2
Ceylon.....	5	0	Central America:		
China.....	9	28	British Honduras.....	17	1
Cyprus.....	3	0	Canal Zone.....	22	5
Federation of Malaysia.....	3	4	Costa Rica.....	21	7
Federation of Malaysia(?).....	1	0	El Salvador.....	47	3
Formosa.....	11	16	Guatemala.....	51	10
Hong Kong.....	22	127	Honduras.....	11	4
Hong Kong(?).....	1	0	Nicaragua.....	22	5
India.....	84	163	Panama.....	54	3
India(?).....	0	1	Panama(?).....	1	0
Indonesia.....	2	0	Iceland.....	2	0
Iran.....	9	0	Mexico.....	848	73
Israel.....	33	0	Mexico(?).....	0	1
Japan.....	518	466	West Indies:		
Japan(?).....	1	0	American Virgin Islands.....	1	0
Jordan.....	2	0	Antigua.....	5	0
Korea.....	1	0	Aruba.....	1	0
Kuwait.....	1	0	Bahamas.....	6	3
Lebanon.....	11	2	Barbados.....	8	1
Macao.....	1	0	British Virgin Islands.....	1	0
Nepal.....	0	1	British West Indies (island		
Pakistan.....	23	4	(?).....	1	0
Thailand.....	7	5	Cuba.....	5	0
Turkey.....	20	0	Curacao.....	2	0
Vietnam.....	6	3	Dominica.....	2	0
Australasia:			Dominican Republic.....	175	16
American Samoa.....	5	1	Grenada.....	4	1
Australia.....	20	43	Haiti.....	40	11
Australia(?).....	1	0	Jamaica.....	60	14
Eniwetok.....	1	0	Nevis.....	1	0
Fiji.....	18	1	Puerto Rico.....	65	12
Guam.....	6	0	St. Kitts.....	3	0
Hawaii.....	555	9	St. Martin.....	2	0
Kwajalein.....	4	0	Tortola.....	3	0
New Guinea.....	1	2	Trinidad.....	19	2
New Zealand.....	5	4	West Indies (island(?)).....	21	0
Okinawa.....	2	1	South America:		
Okinawa(?).....	1	0	Argentina.....	10	96
Palmyra Island.....	1	0	Bolivia.....	1	0
Philippines.....	36	7	Brazil.....	59	102
Tahiti.....	15	0	British Guiana.....	3	1
Tahiti(?).....	0	1	Chile.....	8	0
Wake Island(?).....	1	0	Colombia.....	10	2
West Pacific.....	3	0	Ecuador.....	59	9
Europe:			French Guiana.....	1	0
Austria.....	5	6	Paraguay.....	0	2
Azores.....	35	0	Peru.....	10	7
Belgium.....	12	2	South America (country(?)).....	0	19
Crete.....	7	0	Surinam.....	3	1
Czechoslovakia.....	6	1	Uruguay.....	1	7

Summary of Numbers of Interceptions Listed in Main Table—Continued

Country	Insect	Disease	Country	Insect	Disease
South America—Continued			Totals—Continued		
Venezuela.....	6	0	Incompletely determined		
Totals:			pests.....	4,558	761
Africa.....	241	277	Total insect interceptions...	9,849	
Asia.....	775	823	Total disease interceptions...		2,633
Australasia.....	675	69	Grand total*		12,482
Europe.....	1,702	208			
North America.....	1,529	174			
South America.....	171	246			
Unknown.....	198	75			
Total.....	5,291	1,872			

*This total represents only pests of known or potential plant quarantine importance or organisms of scientific interest. The total of all interceptions made during the year was 31,439.

NOTE.—Interceptions were also made from Anguilla, Ascension Island, Cayman Islands, Christmas Island, Clipperton Island, Guadeloupe, Johnston Island, Madeira Islands, Martinique, Midway Islands, Montserrat, New Caledonia, Rumania, St. Vincent, Saudi Arabia, Tanganyika, Tonga Islands, Tunisia, and Wales.

Pests Recorded From July 1, 1962, Through June 30, 1963

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Acanthoscelides armitagei</i> (Pic) (Bruchidae): <i>Cajanus cajan</i> (pigeonpea).....	Canal Zone, Panama, Trinidad.	4	---	1	Fla., N.Y.
<i>Phaseolus lunatus</i> (lima bean).....	Peru	---	1	---	La.
<i>Acanthoscelides biazae</i> (Drapiez) (Bruchidae): <i>Bixa orellana</i> (anatto-tree) seed.....	Brazil	1	---	---	N.Y.
<i>Acanthoscelides spinipes</i> (Er.) (Bruchidae): <i>Acacia farnesiana</i> (sweet acacia) seed.....	Italy	---	---	1	N.Y.
<i>Acacia</i> sp. (seed).....	Greece, Italy	---	---	4	N.Y.
<i>Aceria pluchaeae</i> (Cook) (Eriophyidae): <i>Pluchea odorata</i> (leaf).....	Puerto Rico	1	---	---	P.R.
<i>Aceria rudis</i> (Can.) (Eriophyidae): <i>Betula</i> sp. (birch) leaf.....	Germany	1	---	---	N.Y.
<i>Aceria tulipae</i> (Keif.) (Eriophyidae): <i>Allium cepa</i> (onion) sets.....	Mexico	---	---	1	Calif.
<i>Achaea janata</i> (L.) (Noctuidae): Airplane.....	Fiji, unknown	---	2	---	Hawaii.
<i>Codiaeum variegatum</i> (variegated croton) leaf.....	Hawaii	2	---	---	Hawaii.
Leaf—unidentified.....	do	1	---	---	Hawaii.
<i>Achatina fulica</i> Bowdich (Achatinidae): Military cargo (packing crates).....	Formosa	1	---	---	Hawaii.
<i>Acheta hispanicus</i> (Rambur) (Gryllidae): Airplane.....	Morocco	---	2	---	Fla.
<i>Acrida sulphuripennis</i> (Gerst.) (Acrididae): Cargo (brought as food for shrews).....	Kenya	1	---	---	N.Y.
<i>Acerolepia assectella</i> (Zell.) (Yponomeutidae): <i>Allium cepa</i> (onion).....	France	1	---	---	N.Y.
<i>A. porrum</i> (leek).....	France, Germany, Italy, Netherlands.	1	16	---	Calif., * Fla., N.Y., Ohio, Pa.
Stores (with cauliflower).....	France	---	2	---	N.Y.
<i>Acrosternum heegeri</i> (Fieber) (Pentatomidae): <i>Hibiscus cannabinus</i> (kenaf hibiscus) seed.....	Ghana	---	---	1	D.C.
<i>Adoretus sinicus</i> Burm. (Scarabaeidae): Airplane.....	Hawaii	---	1	---	Hawaii.
Baggage.....	do	1	---	---	Hawaii.
Flowers.....	do	2	---	---	Hawaii.
Mail (in sack).....	Guam	1	---	---	Hawaii.
Orchid (cut flower).....	Hawaii	1	---	---	Hawaii.
<i>Adorophyes reticulana</i> (Hbn.) (Tortricidae): <i>Syringa</i> sp. (ilac) cut flower.....	Belgium, Germany, Netherlands.	8	---	---	N.Y.
<i>Aellopos tantalus</i> (L.) (Sphingidae): Automobile.....	Mexico	---	1	---	Tex.
<i>Aeneolamia reducta</i> (Lall.) (Cercopidae): Airplane.....	Panama(?), West Indies (island(?)).	---	2	---	Fla., P.R.
<i>Aethus indicus</i> (Westw.) (Cydnidae): Airplane.....	Unknown	---	1	---	Hawaii.
<i>Aganactesis indecora</i> Dyar (Galleriidae): <i>Cassia fistula</i> (goldenshower senna) seed.....	Dominican Republic	---	---	1	Fla.
<i>Cassia</i> sp. (seed pod).....	Brazil, Trinidad	---	---	2	Fla.
<i>Agriphila latistria</i> (Haw.) (Crambidae): Airplane.....	France(?)	---	1	---	Del.
<i>Aleurocanthus woglumi</i> Ashby (Aleyrodidae): <i>Citrus aurantifolia</i> (lime) leaf and stem.....	Costa Rica, Mexico	9	1	---	Calif., * Tex.
<i>C. aurantium</i> (sour orange) leaf.....	Mexico	2	---	---	Calif.
<i>C. sinensis</i> (sweet orange) leaf.....	do	1	---	---	Tex.
<i>Citrus</i> sp. (leaf).....	Ecuador, Jamaica, Mexico, Nicaragua.	22	---	---	Ariz., Calif. Fla., Ill. La., Tex
<i>Rosa</i> sp. (leaf).....	Jamaica	1	---	---	Fla.
<i>Aleurocanthus woglumi</i> Ashby (?) (Aleyrodidae): <i>Citrus aurantifolia</i> (lime) leaf.....	Mexico	2	---	---	Tex.
<i>Citrus</i> sp. (leaf).....	do	1	---	---	Tex.
<i>Coffea</i> sp. (leaf).....	Jamaica	1	---	---	Fla.
<i>Aleurodicus iridescens</i> Kll. (Aleyrodidae): <i>Echinodorus</i> sp. (burhead) leaf.....	Peru	---	---	2	Fla.
<i>Aleurodicus trinidadensis</i> (Kll.) (Aleyrodidae): <i>Dendrobium</i> sp. (orchid) leaf.....	Colombia	---	---	1	Fla.
<i>Aleurolobus olivinus</i> Silvestri (Aleyrodidae): <i>Olea</i> sp. (olive) leaf of cutting.....	Spain	1	---	---	N.Y.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Aleuroparadoxus gardeniae</i> Rsl. (Aleyrodidae):					
<i>Citrus</i> sp. (leaf).....	Mexico.....	1			Tex.
<i>Gardenia</i> sp. (leaf).....	do.....	1			Tex.
<i>Aleuroplatus variegatus</i> Q. & B. (Aleyrodidae):					
<i>Fillbergia</i> sp. (airbrom).....	Honduras.....			1	Calif.*
<i>Chamaedorea elegans</i> (palm) frond.....	Mexico.....	5			Tex.
<i>Chamaedorea</i> sp. (frond).....	do.....	2			Tex.
<i>Aleurotrachelus jelenekii</i> (Frauen.) (Aleyrodidae):					
Leaf—unidentified.....	Italy.....		1		Mass.
<i>Aleurotuberculatus aucubae</i> (Kuw.) (Aleyrodidae):					
<i>Citrus</i> sp. (leaf).....	Japan.....		1		Wash.
<i>Crataegus</i> sp. (hawthorn) leaf of plant.....	do.....			1	Hawaii.
<i>Pyracantha</i> sp. (firethorn) leaf.....	do.....			2	Wash.
<i>Aleurotuberculatus jasmini</i> Takah. (Aleyrodidae):					
<i>Jasminum</i> sp. (jasmine).....	Philippines.....			1	D.C.
<i>Alloxaxis spinosus</i> Arnett (Oedemeridae):					
Airplane.....	Dominican Republic.....		1		Fla.
Baggage.....	Jamaica.....	1			Fla.
<i>Amatissa consorta</i> (Templ.) (Psychidae):					
<i>Camellia japonica</i> (common camellia).....	Japan.....	1			Hawaii.
<i>Amblycerus reticulatus</i> Jekel (Bruchidae):					
<i>Colubrina rufa</i> (seed).....	Brazil.....			1	D.C.
<i>Anastrepha fraterculus</i> (Wied.) (?) (Tephritidae):					
<i>Coffea</i> sp. (coffee) berry.....	do.....	1			Fla.
<i>Anastrepha ludens</i> (Loew) (Tephritidae):					
<i>Calocarpum sapota</i> (mamey sapote).....	Mexico.....	1	3		Ariz., N.Y.
<i>Citrus aurantifolia</i> (sweet lime).....	do.....	20			Ariz., Calif., Tex.
<i>C. paradisi</i> (grapefruit).....	do.....	12	4		Ill., N.Y., Tex.
<i>C. reticulata</i> (Mandarin orange).....	do.....	3			Tex.
<i>C. sinensis</i> (sweet orange) fruit and seed.....	do.....	153	43	2	Ala., Ariz., Calif., Fla., Ill., Md., N.Y., Tex.
<i>Cydonia oblonga</i> (quince).....	do.....	11	1		Calif.,* Tex.
<i>Malus sylvestris</i> (apple).....	do.....	2			Tex.
<i>Mammea americana</i> (mamey).....	do.....		1		N.Y.
<i>Mangifera indica</i> (mango).....	Mexico, Panama.....	130	4		Ariz., Calif.,* Ill., N.Y., Tex.
<i>Prunus persica</i> (peach).....	Mexico.....	3			Tex.
<i>Punica granatum</i> (pomegranate).....	do.....	3			Tex.
<i>Pyrus communis</i> (pear).....	do.....	6			Tex.
<i>Anastrepha ludens</i> (Loew) (?) (Tephritidae):					
<i>Calocarpum sapota</i> (sapote).....	do.....		1		N.Y.
<i>Mangifera indica</i> (mango).....	do.....	2			Tex.
<i>Anastrepha mombinpraeoptans</i> Sein (Tephritidae):					
Airplane.....	Nicaragua.....		1		P.R.
Fruit—unidentified.....	Mexico, unknown.....	3			Calif.,* Tex.
<i>Mangifera indica</i> (mango).....	Brazil, Costa Rica, Cuba, Dominica, Dominican Republic, Ecuador, El Salvador, Guatemala, Haiti, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico, St. Kitts, St. Martin, unknown.....	313	20		Ala., Am. V.I., Ariz., Calif.,* Calif.,* Fla., La., N.Y., N.C., P.R., S.C., Tex.
<i>Psidium guajava</i> (guava).....	El Salvador, Guatemala, Mexico, Tortola.....	7			Am. V.I., Calif.,* La.
<i>Spondias mombin</i> (yellow mombin).....	Costa Rica, El Salvador, Guatemala, Mexico, Nicaragua, Puerto Rico.....	29			Calif.,* P.R., Tex.
<i>S. purpurea</i> (purple mombin).....	Mexico.....	1			Tex.
<i>Terminalia catappa</i> (tropical almond).....	Jamaica.....	1			N.Y.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Anastrepha ocrea</i> (Walk.) (Tephritidae):	Dominican Republic	1			P.R.
<i>Achras zapota</i> (sapodilla)					
<i>Anastrepha striata</i> (Schin.) (Tephritidae):	El Salvador,	2			Calif.*
<i>Psidium guajava</i> (guava)	Nicaragua				
<i>Anastrepha suspensa</i> (Loew) (Tephritidae):	Dominican Republic,	3			N.Y., P.R.
<i>Psidium guajava</i> (guava)	Puerto Rico				
<i>Ancylostoma stercorea</i> (Zell.) (Phycitidae):	Bahamas, Barbados,	96	3		Am. V.I.,
<i>Cajanus cajan</i> (pigeonpea)	Canal Zone, Dominican Republic,				Bahamas,
	Grenada, Haiti,				Calif.,*
	Jamaica, Nevis,				Fla., N.Y.,
	Panama, Puerto Rico, Trinidad,				N.C., P.R.
	unknown, West Indies (island(?)).				
Mail (with <i>Citrus</i> sp. leaves)	Dominican Republic	1			Fla.
<i>Phaseolus lunatus</i> (lima bean)	Trinidad	1			N.Y.
<i>Pisum sativum</i> (pea)	Dominican Republic,	4			Fla., Mich.,
	Jamaica, Panama				N.Y.
<i>Anechura vara</i> Scudd. (Forficulidae):	Mexico			1	Tex.
Bromeliad					
<i>Anthonomus albolineatus</i> Champ. (Curculionidae):					
Orchid	do			1	Tex.
<i>Anthonomus rectirostris</i> (L.) (Curculionidae):					
<i>Prunus serotina</i> (black cherry) seed	Belgium			1	N.J.
<i>Anthrhinus zambae</i> (Thunb.) (Curculionidae):					
<i>Encephalartos longifolius</i> (longleaf kaffirbread)	Republic of South Africa			1	D.C.
<i>Anuraphis cardui</i> (L.) (Aphidae):					
<i>Cynara scolymus</i> (artichoke)	France, Italy	1	1		N.Y., Ohio.
<i>Rosa</i> sp. (rose) cut flower	Germany	1			N.Y.
<i>Anidiella citrina</i> (Coq.) (Coccidae):					
<i>Citrus paradisi</i> (grapefruit)	Japan		1		Hawaii.
<i>C. sinensis</i> (sweet orange)	Australia		1		Hawaii.
<i>Anidiella inornata</i> McKenzie (Coccidae):					
Palm (leaf)	Japan		1		Oreg.
<i>Apate monachus</i> F. (Bostrichidae):					
Wood (packing boards)	Republic of the Congo	1			Md.†
<i>Aphidura puzosi</i> (Gomez-Menor) (Aphidae):					
<i>Dianthus caryophyllus</i> (carnation) leaf	Portugal			1	Mass.
<i>Aploneura lentisci</i> Pass. (Aphidae):					
<i>Ornithogalum</i> sp. (cut flower)	Israel	1			N.Y.
<i>Araecerus cumingi</i> Jekel (Anthribidae):					
<i>Entada phaseoloides</i> (climbing entada) seed	Guam	1			Hawaii.
<i>Araecerus levipennis</i> Jord. (Anthribidae):					
<i>Acacia koa</i> (koa) seed pod	Hawaii	5			Hawaii.
Airplane	do		4		Hawaii.
<i>Ananas comosus</i> (pineapple)	do	1			Hawaii.
<i>Leucaena leucocephala</i> (white popinac leadtree) seed pod	do	41			Hawaii.
Seed—unidentified	do	1			Hawaii.
<i>Vanda</i> 'Miss Joachim' (orchid) flower	do	2			Hawaii.
<i>Ardis sulcata</i> (Cam.) (Tenthredinidae):					
<i>Rosa</i> sp. (rose) stem	Austria, Finland, Germany, Hungary, Netherlands	4	1		N.Y., Ohio.
<i>Arge ochropus</i> (Gmel.) (Argidae):					
<i>Rosa</i> sp. (rose) cut flower	Germany, unknown	1	1		Ill., N.Y.
<i>Argyroploce lacunana</i> (D. & S.) (Olethreutidae):					
<i>Betula</i> sp. (birch) plant	Norway			1	Wash.
<i>Arianta arbustorum</i> (L.) (Helicidae):					
Baggage	Germany	1			Va.
<i>Brassica oleracea</i> var. <i>botrytis</i> (cauliflower)	Netherlands		1		Va.
<i>Lactuca sativa</i> (lettuce)	do		1		Va.
<i>Viola</i> sp. (violet) plant	Germany			1	Ill.
<i>Arphnus melanotylus</i> Ashlock (Lygaeidae):					
<i>Ananas comosus</i> (pineapple)	Mexico	1			Tex.
Bromeliad	do			1	Tex.
Orchid	do			1	Tex.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Aspidiotus capensis</i> Newst. (Coccidae) (tentative):					
<i>Euphorbia</i> sp. (leaf)-----	Republic of South Africa.			1	N.J.
<i>Aspidiotus destructor</i> Sign. (Coccidae):					
<i>Cocos nucifera</i> (coconut) cap and stem-----	Costa Rica, Mexico, Panama.	5	2		Calif.*
Leaf—unidentified-----	Philippines.		1		Hawaii.
<i>Musa X paradisiaca</i> (banana)-----	Ecuador-----	1			Calif.*
<i>Aspidiotus diffinis</i> (Newst.) (Coccidae):					
<i>Citrus reticulata</i> (Mandarin orange)-----	Japan-----		1		Calif.*
<i>Persea</i> spp. (budwood)-----	Mexico-----			1	Calif.*
<i>Aspidiotus excisus</i> Green (Coccidae):					
<i>Citrus sinensis</i> (sweet orange)-----	Trinidad-----		1		Calif.*
<i>Cocos nucifera</i> (coconut) cap-----	Mexico-----	1			Calif.*
<i>Aspidiotus herculeanus</i> Kchl. & Hadden (Coccidae):					
<i>Plumeria</i> sp. (frangipani)-----	Hawaii-----			2	Calif.*
<i>Aspidiotus palmarum</i> Ckll. (Coccidae):					
<i>Areca cathecu</i> (betel palm) calyx of fruit-----	Guam-----	1			Wash.
<i>Neoregelia</i> sp. (bromeliad) leaf-----	Netherlands-----			1	Fla.
Orchid (leaf)-----	New Guinea-----			1	Calif.*
Palm (leaf)-----	Federation of Malaysia.			1	Calif.*
<i>Aspidotus putearis</i> Green (Coccidae):					
<i>Citrus limon</i> (lemon)-----	Italy-----		1		Calif.*
<i>Asterobemisia carpinii</i> (Koch) (Aleyrodidae):					
Leaf—unidentified-----	France-----		1		Calif.*
<i>Ribes</i> sp. (leaf)-----	France, unknown-----		3		N.Y.
<i>Asterolecanium bambusae</i> (Bdv.) (Coccidae):					
Bamboo-----	Hawaii, Mexico-----	1		1	Calif.* Tex.
<i>Bambusa</i> sp.-----	Mexico, Panama-----			2	Calif.*
<i>Asterolecanium epidendri</i> (Bouche) (Coccidae):					
<i>Chamaedorea elegans</i> (palm) leaf-----	Mexico-----	1			Tex.
<i>Macillaria</i> sp. (orchid)-----	Venezuela-----			1	Fla.
<i>Aulacaspis tubercularis</i> Newst. (Coccidae):					
<i>Mangifera indica</i> (mango)-----	El Salvador, Guatemala, Nicaragua, Philippines.	7			Calif.* Wash.
<i>Austrotortrix postrittana</i> (Wlk.) (?) (Tortricidae):					
<i>Malus sylvestris</i> (apple)-----	New Zealand-----	3			Hawaii.
<i>Prunus domestica</i> (plum)-----	do-----	1			Hawaii.
<i>Batrachedra linaria</i> Clarke (Cosmopterigidae):					
<i>Agave shawii</i> -----	Mexico-----			5	Calif.
<i>Bephrata maculicollis</i> Cam. (Eurytomidae):					
<i>Annona</i> sp.-----	Costa Rica-----		1		Tex.
<i>Betulaphis quadrituberculatus</i> (Kltb.) (Aphidae):					
Airplane-----	Australia-----		1		Hawaii.
<i>Bibio hortulanus</i> (L.) (Bibionidae):					
<i>Brassica oleracea</i> var. <i>botrytis</i> (cauliflower)-----	France-----		1		N.Y.
<i>Blastodacna atra</i> (Haw.) (Cosmopterigidae):					
<i>Malus sylvestris</i> (apple)-----	Germany, Poland-----	2			N.Y.
<i>Blennocampa pusilla</i> (Klug) (Tenthredinidae):					
<i>Rosa</i> sp. (rose) cut flower-----	England-----	1			N.Y.
<i>Brachycerus albidentatus</i> Gyll. (Curculionidae):					
<i>Allium sativum</i> (garlic)-----	Italy-----	6			N.Y.
<i>Brachycerus algirus</i> (F.) (Curculionidae):					
<i>Allium sativum</i> (garlic)-----	Italy, Spain-----	9	1		N.Y., P.R.
<i>Bradybaena similis</i> (Fcr.) (Bradybaenidae):					
<i>Anthurium</i> sp. (cut flower)-----	Hawaii-----	2			Hawaii.
<i>Colocasia esculenta</i> (dasheen) plant-----	do-----			1	Hawaii.
<i>Cordylone terminalis</i> (ti)-----	do-----	1			Hawaii.
Flowers-----	do-----	1			Hawaii.
Military cargo-----	Bermuda-----	1			N.Y.
Orchid (cut flower)-----	Hawaii-----	1			Hawaii.
<i>Phaius waltichii</i> (orchid) cut flower-----	do-----	1			Hawaii.
<i>Vanda</i> 'Miss Joachim' (orchid) cut flower-----	do-----	2			Hawaii.
<i>Brevipalpus chilensis</i> Baker (Tenuipalpidae):					
<i>Citrus limon</i> (lemon)-----	Unknown-----		1		Fla.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Brevipalpus obovatus</i> Donn. (Tenuipalpidae):					
<i>Chamaecyparis pisifera</i> (Sawara falsecypress)	Japan	1			Hawaii.
<i>Citrus aurantifolia</i> (sour lime)	Brazil		1		Fla.
<i>Diospyros kaki</i> (kaki persimmon)	Japan	1			Hawaii.
<i>Spathoglottis</i> sp. (orchid) plant	Formosa			1	Hawaii.
<i>Bruchidius caeruleus</i> (Champ.) (Bruchidae):					
<i>Desmodium</i> sp. (tick clover)	Burma			1	D.C.
<i>Bruchidius debilis</i> (Gyll.) (Bruchidae):					
<i>Laburnum anagyroides</i> (goldenchain laburnum).	Italy			2	N.J.
<i>Bruchidius gilvus</i> (Gyll.) (Bruchidae):					
<i>Castanea</i> sp. (chestnut)	do	1			N.Y.
<i>Hedysarum coronarium</i> (sulla sweet-vetch)	do			1	N.Y.
<i>Triticum aestivum</i> (wheat)	do	1			N.Y.
<i>Bruchidius incarnatus</i> (Boh.) (Bruchidae):					
<i>Lens culinaris</i> (lentil)	do		1		N.C.
<i>Bruchidius marginalis</i> (F.) (Bruchidae):					
<i>Astragalus cicer</i> (seed)	Yugoslavia			1	D.C.
<i>Bruchidius meleagrinus</i> (Géné) (Bruchidae):					
<i>Lens culinaris</i> (lentil)	Italy	1			N.Y.
<i>Bruchidius unicolor</i> (Ol.) (Bruchidae):					
<i>Spartium juncenae</i> (weavers-broom) seed	do			1	N.J.
<i>Bruchidius unicolor</i> (Ol.) (?) (Bruchidae):					
<i>Pisum sativum</i> (pea) seed	Republic of the Congo			1	D.C.
<i>Bruchidius villosus</i> (F.) (Bruchidae):					
<i>Cytisus scoparius</i> (Scotch-broom)	Belgium, England, Italy.			4	N.J., Pa.
<i>Laburnum anagyroides</i> (goldenchain laburnum) seed.	Austria, Germany			2	N.J.
<i>Bruchus azoricus</i> Crotch (Bruchidae):					
<i>Vicia sativa</i> (vetch) seed	Portugal			2	N.Y.
<i>Bruchus dentipes</i> (Baudi) (Bruchidae):					
<i>Vicia faba</i> (broadbean)	Greece, Iran, Italy	5			Ill., Md., Mass., N.Y.
<i>Bruchus emarginatus</i> Allard (Bruchidae):					
<i>Lathyrus</i> sp. (peavine) seed	Portugal			1	N.Y.
<i>Bruchus ervi</i> Froel. (Bruchidae):					
Baggage (with <i>Rosa</i> sp.)	France	1			N.Y.
<i>Lens culinaris</i> (lentil)	France, Germany, Greece, Italy, Lebanon, Mexico, Turkey, unknown.	21	3	1	D.C., Ill., La., Md., Mass., N.Y.
<i>Bruchus lentis</i> Froel. (Bruchidae):					
<i>Lens culinaris</i> (lentil)	Cyprus, France, Germany, Greece, Italy, Morocco, Netherlands, Spain, Turkey, United Arab Republic, unknown.	22	11		Fla., Ill., La., Mass., Mich., N.J., N.Y., N.C., Pa., S.C., Tex.
<i>Vicia faba</i> var. <i>equina</i> (horsebean)	Spain			1	Pa.
<i>V. sativa</i> (vetch) seed	Lebanon	1			N.Y.
<i>Vicia</i> sp. (seed)	Portugal			1	N.Y.
<i>Bruchus rufipes</i> Hbst. (Bruchidae):					
Baggage	Italy	1			N.Y.
Legume (seed)	Spain			1	N.Y.
<i>Pisum sativum</i> (pea)	Italy	1			N.Y.
Stores (with <i>Brassica oleracea</i> var. <i>capitata</i> (cabbage)).	Germany			1	N.Y.
<i>Vicia faba</i> (broadbean)	England, Italy	1		1	N.Y., Wash. Md., Mass., N.Y.
<i>V. sativa</i> (vetch) seed	Azores, France, Italy	6			
<i>V. tenuifolia</i> (bramble vetch) seed	Czechoslovakia			1	D.C.
<i>Vicia</i> sp. (seed)	Azores, France, Yugoslavia.	1		3	D.C., Mass., N.J.
<i>Bruchus rufipes luteicornis</i> Ill. (Bruchidae):					
<i>Vicia sativa</i> (vetch) seed	Italy, Portugal	3			N.J., N.Y.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Bruchus signaticornis</i> Gyll. (Bruchidae):					
<i>Lathyrus sativus</i> (grass peavine) seed.....	Italy.....	1			N.Y.
<i>Lens culinaris</i> (lentil) seed.....	Greece, Italy, Spain.....	11	2		Md., N.Y., Ohio, Tex. N.Y.
<i>Vicia faba</i> (broadbean) seed.....	Italy.....	2			
<i>Bruchus tristiculus</i> Fahr. (Bruchidae):					
<i>Lathyrus odoratus</i> (sweetpea) seed.....	Greece.....			1	S.C.
<i>L. sativus</i> (grass peavine) seed.....	Azores, Italy.....	2			Mass., N.Y.
<i>Lathyrus</i> sp. (peavine) seed.....	France, Italy, Portugal, Azores.....	3		3	Mass., N.J., N.Y.
Legume (seed).....	Azores.....			1	Mass.
<i>Pisum sativum</i> (pea) seed.....	Israel, Italy.....	2		1	N.Y.
<i>Vicia faba</i> (broadbean) seed.....	Italy.....	2			N.J., N.Y.
<i>Bruchus tristis</i> Boh. (Bruchidae):					
<i>Cicer arietinum</i> (chickpea).....	do.....	1			N.Y.
<i>Lathyrus sativus</i> (grass peavine) seed.....	do.....	5		4	N.Y.
<i>Lathyrus</i> sp. (seed).....	do.....	10	1		Mass., N.Y.
<i>Pisum sativum</i> (pea).....	Greece, Italy.....	1	1		N.Y.
<i>Vicia faba</i> (broadbean).....	Italy, Yugoslavia.....	1		1	N.Y., Wash.
<i>Bruchus ulicis</i> Muls. (Bruchidae):					
<i>Lens culinaris</i> (lentil).....	Greece.....	1			N.Y.
<i>Bruchus viciae</i> Ol. (Bruchidae):					
<i>Lathyrus latifolius</i> (perennial pea) seed.....	France, Netherlands.....			3	N.J., N.Y.
<i>Bryobia eharri</i> Pritchard & Keifer (Tetranychidae):					
<i>Chrysanthemum morifolium</i>	Japan.....	2			Hawaii.
<i>Cacocimorpha pronubana</i> (Hbn.) (Tortricidae):					
<i>Dianthus caryophyllus</i> (carnation).....	Spain.....	1			N.Y.
<i>Rosa</i> sp. (plant).....	Italy.....			1	N.Y.
<i>Callidium rufipenne</i> Motsch. (Cerambycidae):					
Dunnage.....	Japan.....		1		Fla.
Wood (crate).....	do.....	2			Tex.
<i>Callosobruchus analis</i> (F.) (Bruchidae):					
<i>Pisum sativum</i> (pea).....	Federation of Malaysia.....		1		Wash.
<i>Calyptoccephala gerstaeckeri</i> Boh. (Chrysomelidae):					
<i>Chamaedorea</i> sp. (palm) leaf.....	Mexico.....	3			Tex.
<i>Carposina niponensis</i> Wlsm. (Carposinidae):					
<i>Malus sylvestris</i> (apple).....	Japan.....		10		Hawaii., La., N.C., Pa., Wash.
<i>Caryedon gonagra</i> (F.) Bruchidae:					
<i>Adenanthera pavonina</i> (sandal beadtree) seed.....	Hawaii.....	1			Hawaii.
<i>Arachis hypogaea</i> (peanut).....	Senegal, West Africa.....	1	1		N.Y., Ohio.
Baggage.....	Hawaii.....	1			Hawaii.
Ballast.....	Unknown.....		1		Mich.
<i>Cajanus cajan</i> (pigeonpea).....	India.....		1		La.
<i>Cassia javanica</i> (appleblossom senna) pod.....	Hawaii.....	1			Hawaii.
<i>Cassia</i> sp. (pod).....	do.....	4			Hawaii.
<i>Phaseolus vulgaris</i> (bean).....	India.....		1		Tex.
<i>Plumeria</i> sp. (frangipani).....	Guam.....		1		Hawaii.
Stores.....	India, unknown.....		2		Ill., La.
<i>Tamarindus indica</i> (tamarind) pod.....	British Guiana, Curacao, India, Mexico, Philip- pines, Thailand.....	14	4		D.C., Hawaii, Ill., Mich., N.J., N.Y. Tex., Wash.
<i>Carystoides basoschesii replana</i> (Plotz) (Hesperiidae):					
<i>Chamaedorea oblongata</i> (palm) leaf.....	Mexico.....	1			Tex.
<i>Carystoides lebbaeus</i> (Hew) (Hesperiidae):					
<i>Chamaedorea elegans</i> (palm) leaf.....	do.....	1			Tex.
<i>Chamaedorea</i> sp. (leaf).....	do.....	2			Tex.
<i>Cecilioides acicula</i> (Müller) (Achatinidae):					
<i>Daucus carota</i> var. <i>sativa</i> (carrot).....	Netherlands.....		1		Fla.
Soil.....	Israel.....	1			Mass.
<i>Cenopalpus pulcher</i> (C. & F.) (Tenuipalpidae):					
Cutting—unidentified.....	Italy.....			1	N.Y.
<i>Malus sylvestris</i> (apple).....	Spain.....		1		Tex.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Ceratitis capitata</i> (Wied.) (Tephritidae):					
Baggage (with sphagnum moss packing)-----	Hawaii-----	1	-----	-----	Hawaii.
Cactus (fruit)-----	Italy-----	3	-----	-----	N.Y.
<i>Calophyllum inophyllum</i> (Indiapoon beauty-leaf) fruit.	Hawaii-----	2	-----	-----	Hawaii.
<i>Capsicum annuum</i> (pepper)-----	Federation of Rhodesia and Nyasaland, Greece, Liberia.	7	-----	-----	N.Y.
<i>C. annuum</i> var. <i>grossum</i> (bell pepper)-----	Italy, Senegal-----	-----	2	-----	Ala., Pa.
<i>Carica papaya</i> (papaya)-----	Hawaii-----	1	-----	-----	Hawaii.
<i>Citrus mitis</i> (calamondin orange)-----	do-----	1	-----	-----	Hawaii.
<i>C. paradisi</i> (grapefruit)-----	Argentina, Italy, Morocco, Spain, unknown.	1	5	-----	Fla., Mass., N.Y.
<i>C. reticulata</i> (Mandarin orange)-----	Africa (country(?)), Hawaii, Italy, Portugal, United Arab Republic, unknown.	10	4	-----	Hawaii., N.Y., P.R., S.C., Tex.
<i>C. sinensis</i> (sweet orange)-----	Argentina, Azores, Brazil, Cyprus, Europe (country(?)), Greece, Israel, Italy, Jordan, Morocco, Portugal, Republic of South Africa, Spain, United Arab Republic, unknown.	22	25	-----	Ala., Fla., Md., Mass., Minn., N.Y., Pa., P.R., Tex.
<i>C. sinensis</i> var. <i>shamuti</i> -----	Israel-----	2	-----	-----	N.Y.
<i>Coffea arabica</i> (Arabian coffee) berry-----	Brazil, Costa Rica, Hawaii, unknown.	63	-----	-----	Fla., Hawaii, N.Y., Tex.
<i>Cydonia oblonga</i> (quince)-----	France, Greece, Italy-----	11	-----	-----	N.Y.
<i>Diospyros kaki</i> (kaki persimmon)-----	Italy-----	1	-----	-----	N.Y.
<i>Diospyros</i> sp-----	do-----	3	-----	-----	N.Y.
<i>Eugenia malaccensis</i> (Malay-apple)-----	Hawaii-----	1	-----	-----	Hawaii.
<i>Eugenia</i> sp. (fruit)-----	do-----	2	-----	-----	Hawaii.
<i>Ficus carica</i> (fig)-----	Argentina, Brazil, Greece, Italy, Lebanon, Portugal, unknown, Uruguay.	30	2	-----	Mass., N.Y., Ohio, P.R.
Fruit—unidentified-----	Italy-----	1	-----	-----	N.Y.
<i>Malus sylvestris</i> (apple)-----	Azores, Italy, Malta, Portugal, Spain.	6	3	-----	Calif., * Fla., N.Y., P.R., Va.
<i>Mangifera indica</i> (mango)-----	Hawaii, United Arab Republic.	3	-----	-----	Hawaii, N.Y.
<i>Opuntia humifusa</i> (pricklypear)-----	Italy-----	13	-----	-----	N.Y.
<i>Phoenix dactylifera</i> (date)-----	Lebanon-----	1	-----	-----	Ohio.
<i>Pistacia vera</i> (common pistache) pulp-covering nut.	do-----	1	-----	-----	Ohio.
<i>Prunus armeniaca</i> (apricot)-----	France, Italy, Spain, unknown.	-----	4	-----	N.Y.
<i>P. domestica</i> (plum)-----	Azores, Italy, Portugal.	3	-----	-----	Mass., N.Y.
<i>P. persica</i> (peach)-----	Argentina, France, Greece, Israel, Italy, Peru, Portugal, Spain, unknown.	20	9	-----	Calif., * Fla., Ill., Mass., N.J., N.Y., P.R., Va.
<i>P. persica</i> var. <i>nectarina</i> (nectarine)-----	Azores, Italy-----	2	-----	-----	Mass., N.Y.
<i>Psidium guajava</i> (guava)-----	Azores, Hawaii-----	4	-----	-----	Hawaii, Mass.
<i>Punica granatum</i> (pomegranate)-----	Argentina, Hawaii, Italy.	8	-----	-----	Fla., Hawaii, N.Y.
<i>Pyrus communis</i> (pear)-----	Azores, France, Israel, Italy, Malta, Portugal.	12	-----	-----	Calif., * Ill., Mass., Mich., N.Y.
<i>Terminalia catappa</i> (tropical almond)-----	Hawaii-----	3	-----	-----	Hawaii.
<i>Zizyphus</i> sp. (jujube) dried-----	Italy-----	1	-----	-----	N.Y.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Noreentry	Propagations	
<i>Ceratitis capitata</i> (Wied.) (?) (Tephritidae):					
<i>Capiscum annuum</i> (pepper)	Argentina, Liberia	1	1		N.Y.
<i>Citrus sinensis</i> (sweet orange)	Argentina, Bermuda(?), Italy.	1	2		Mass., N.Y., S.C.
<i>Coffea arabica</i> (Arabian coffee)	Brazil, Costa Rica, Hawaii.	4			Hawaii, N.Y., Tex.
<i>Juglans regia</i> (English walnut)	Greece	1			N.Y.
<i>Lycopersicon esculentum</i> (tomato)	Australia(?)		1		Hawaii.
<i>Mangifera indica</i> (mango)	United Arab Republic.	1	1		N.Y., Pa.
<i>Prunus armeniaca</i> (apricot)	Canary Islands		1		Tex.
<i>P. persica</i> (peach)	Israel	1			N.Y.
<i>Ceratitis colae</i> Silv. (?) (Tephritidae):					
<i>Cola acuminata</i> (Sudan colanut) nut	Nigeria	1			N.Y.
<i>Ceratitis rubivora</i> Coq. (Tephritidae):					
<i>Rubus</i> sp. (seed)	Ethiopia			1	D.C.
<i>Cerconota anonella</i> (Sepp) (Stenomidae):					
<i>Annona muricata</i> (soursop)	Panama	1			Ala.
<i>A. reticulata</i> (custard-apple)	Honduras	1			Fla.
<i>Cerodontha denticornis</i> (Panzer) (Agromyzidae):					
<i>Crassula perfoliata</i> (thorwort crassula)	Azores			1	Del.
<i>Ceroptastes ceriferus</i> (And.) (Coccidae):					
<i>Cycas revoluta</i> (Sago palm)	Japan			1	Hawaii.
<i>Ceroptastes rubens</i> Mask. (Coccidae):					
<i>Anthurium</i> sp. (leaf)	Hawaii	1			Hawaii.
<i>Hedera helix</i> (English ivy) leaf	Unknown		1		Hawaii.
<i>Metrosideros</i> sp. (rountree) leaf	Hawaii	1			Hawaii.
Plant—unidentified (leaf)	Australia			1	Hawaii.
<i>Cevtorhynchus erysimi</i> (F.) (Curculionidae):					
Nursery stock	Netherlands			1	N.J.
<i>Chaetanaphothrips orchidii</i> (Moulton) (Thripidae):					
<i>Izora</i> sp. (leaf)	American Samoa	1			Hawaii.
Orchid (plant)	Mexico			1	Tex.
<i>Chalciope hyppasia</i> (Cram.) (Noctuidae):					
Airplane	China, unknown		2		Hawaii.
<i>Chilo loftini</i> Dyar (Crambidae):					
<i>Saccharum officinarum</i> (sugarcane)	Mexico	60			Ariz., Calif., Tex.
<i>Chilo suppressalis</i> (Wlk.) (Crambidae):					
<i>Oryza sativa</i> (rice) husk, straw, and straw jacket.	Japan, Philippines, Spain.	10	1		Calif.,* Hawaii, N.Y., Tex.
<i>Chionaspis salicis</i> (L.) (Coccidae):					
<i>Tilia cordata</i> (littleleaf linden) stem	Germany			1	D.C.
<i>Chlorophorus annularis</i> (F.) (Cerambycidae):					
Bamboo (poles at center of rolled rugs)	Japan	1			N.C.
<i>Choranthus vitellius</i> (F.) (Hesperiidae):					
Airplane	British Virgin Islands, St. Kitts.		2		Am. V.I.
<i>Chrysomphalus albopictus</i> (Ckll.) (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime)	Mexico		1		Calif.*
<i>Cocos nucifera</i> (coconut) cap	Costa Rica, Mexico	2			Calif.*
Orchid (leaf)	Canal Zone, Guatemala.			2	Calif.*
<i>Persea</i> sp. (budwood)	Mexico			1	Calif.*
<i>Chrysomphalus calurus</i> (Ckll.) (Coccidae):					
<i>Spondias mombin</i> (yellow mombin)	Nicaragua	1			Calif.*
<i>Chrysomphalus odontoglossus</i> (Ckll.) (Coccidae):					
Orchid (pseudobulb)	Jamaica			1	Fla.
Palm (leaf)	Mexico	1			Tex.
<i>Chrysomphalus personatus</i> (Comst.) (Coccidae):					
Bromeliad (leaf)	Netherlands			1	Fla.
<i>Citrus aurantifolia</i> (sour lime)	Brazil		2		Calif.*
<i>C. sinensis</i> (sweet orange)	Brazil, unknown	1	5		Calif.,* N.Y.
<i>Cocos nucifera</i> (coconut) cap	Mexico	1			Calif.*
<i>Chrysomphalus tingi</i> (McKenzie) (Coccidae):					
<i>Phalaenopsis lueddemanniana</i> (orchid)	Philippines			1	Hawaii.
<i>Chrysomphalus umboniferus</i> (Newst.) (Coccidae):					
<i>Philodendron</i> sp. (leaf)	Brazil			1	Calif.*
<i>Cladius isomerus</i> Nort. (Tenthredinidae):					
<i>Rosa</i> sp. (leaf)	Mexico	1			Tex.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Noncountry	Propagation	
<i>Cladius pectinicornis</i> (Fourc.) (Tenthredinidae): <i>Rosa</i> sp.-----	Denmark, England, Germany, Israel, Scotland, Switzerland.	8	1	1	Mass., N.Y.
<i>Clysiana ambiguella</i> (Hbn.) (Phalonidae): <i>Vitis</i> sp. (grape)-----	Hungary, unknown	1	1		N.Y.
<i>Coccus viridis</i> (Green) (Coccidae): <i>Coffea</i> sp. (coffee)-----	Hawaii	1			Hawaii.
<i>Gardenia jasminoides</i> (cut flower)-----	do	19			Hawaii.
<i>Gymostachyum leptostachyum</i> -----	Indonesia			1	Hawaii.
Orchid-----	Ecuador			1	Calif.*
<i>Cochlicella barbara</i> (L.) (Helicellidae): <i>Allium sativum</i> (garlic)-----	Morocco		1		N.Y.
Automobile-----	Libya, Morocco	2			N.Y., S.C.
Military cargo-----	Crete, France, Greece, Morocco, Spain.	27			Del., La., Mass., N.Y., S.C., Va.
<i>Mirabilis jalapa</i> (common four-o'clock) seed-----	France			1	Pa.
<i>Cochicella ventrosa</i> (Fer.) (Helicellidae): <i>Allium porrum</i> (leek)-----	Portugal		2		N.Y.
Automobile-----	Libya	1			S.C.
<i>Brassica oleracea</i> var. <i>capitata</i> (cabbage)-----	Portugal		1		N.Y.
<i>Lactuca sativa</i> (lettuce)-----	Italy		1		N.Y.
Military cargo-----	Azores, Morocco, Spain, unknown.	13			La., Mass., N.C., S.C., Va.
<i>Colonertus nigritrostris</i> Solari (Curculionidae): <i>Chamaedorea elegans</i> (palm) stem-----	Mexico	5			Tex.
<i>Conoderus ersul</i> (Sharp) (Elateridae): <i>Vanda</i> hybrid (orchid) flower-----	Hawaii	1			Hawaii.
<i>Conotelus mericanus</i> Murr. (Nitidulidae): Bromeliad-----	Mexico			1	Tex.
<i>Chrysanthemum</i> sp. (cut flower)-----	do	1			Tex.
<i>Delphinium</i> sp. (cut flower)-----	do	1			Ariz.
<i>Gladolus</i> sp. (cut flower)-----	do	1			Ariz.
<i>Medicago sativa</i> (alfalfa)-----	do	1			Tex.
<i>Vanda</i> 'Miss Joachim' (orchid)-----	Hawaii	14			Hawaii.
Vegetables-----	Mexico	1			Tex.
<i>Conotrachelus aguacatae</i> Barber (Curculionidae): <i>Persea americana</i> (avocado) fruit and seed-----	do	1		1	Tex.
<i>P. americana</i> var. <i>drymifolia</i> (Mexican avocado)-----	do	1			Calif.
<i>Conotrachelus perseae</i> Barber (Curculionidae): <i>Persea americana</i> (avocado) seed-----	Costa Rica			1	Tex.
<i>Coptotermes formosanus</i> Shiraki (Rhinotermitidae): Mail package-----	Hawaii	1			Hawaii.
<i>Cordylomera spinicornis</i> (F.) (?) (Cerambycidae): <i>Khaya</i> sp. (mahogany) log-----	West Africa	1			Va.
<i>Cosmopolites sordidus</i> (Germ.) (Curculionidae): <i>Musa X paradisiaca</i> (banana)-----	Panama	1			S.C.
<i>Musa</i> sp. (plant)-----	Canal Zone			1	Fla.
<i>Crenidorsum stigmaphylli</i> Rsl. (Aleyrodidae): Leaf—unidentified-----	Dominican Republic			1	Fla.
<i>Cryphula apicata</i> (Dist.) (Lygaeidae): Cactus (plant)-----	Mexico			1	Tex.
<i>Cryptoblabes gnidiell a</i> (Mill.) (Phycitidae): <i>Citrus sinensis</i> (sweet orange)-----	Greece, Italy, Spain, unknown.		9		Del., N.Y., N.C., Pa.
<i>Cydonia oblonga</i> (quince)-----	Italy	1			N.Y.
<i>Mangifera indica</i> (mango)-----	Cape Verde Islands	1			N.Y.
<i>Punica granatum</i> (pomegranate)-----	Greece, Italy, Portugal, Venezuela, Yugoslavia.	14			N.Y.
<i>Cryptophlebia illepid a</i> (Btlr.) (Olethreutidae): <i>Canavalia microcarpa</i> (mauna loa) seed-----	Hawaii			1	Hawaii.
<i>Macadamia ternifolia</i> (Queensland nut macadamia).-----	do	2			Hawaii.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Cryptophlebia ombrodelta</i> (Lower) (Olethreutidae):					
<i>Euphoria longan</i>	Hawaii.....	1	-----	-----	Hawaii.
<i>Litchi chinensis</i> (lychee) nut.....	Hawaii, Vietnam.....	2	-----	-----	Hawaii, Va.
<i>Macadamia ternifolia</i> (Queenslandnut macadamia).....	Hawaii.....	1	-----	-----	Hawaii.
<i>Phaseolus lunatus</i> (lima bean).....	do.....	1	-----	-----	Hawaii.
<i>P. vulgaris</i> (bean) pod.....	do.....	1	-----	-----	Hawaii.
<i>Poinciana pulcherrima</i> (flowerfence poinciana) pod.....	do.....	1	-----	-----	Hawaii.
<i>Cryptotermes brevis</i> (Wlk.) (Kalotermitidae):					
Paper (sack and wrapping).....	China, Hawaii.....	2	-----	-----	Fla., Hawaii.
Wood (barrel and tree limb).....	Haiti, Hawaii.....	2	-----	-----	Calif., * Fla.
<i>Curculio elephas</i> (Gyll.) (Curculionidae):					
<i>Castanea sativa</i> (European chestnut).....	Italy, Portugal.....	23	-----	-----	Ill., N.Y., P.R.
<i>Castanea</i> sp. (chestnut).....	France, Greece, Italy, Portugal, Spain, Switzerland, Yugoslavia.....	83	3	-----	Ill., Mass., N.Y.
<i>Curculio nucum</i> (L.) (Curculionidae):					
<i>Corylus avellana</i> (European filbert).....	Italy, Switzerland.....	1	1	-----	N.Y.
<i>Corylus</i> sp. (hazelnut).....	do.....	2	-----	-----	N.Y.
<i>Cyane terpsichorella</i> Busck (Tineidae):					
Baggage (with banana).....	Hawaii.....	1	-----	-----	Hawaii.
<i>Cyclocephala discicollis</i> Arrow (Scarabaeidae):					
Airplane.....	Panama.....	-----	1	-----	Fla.
<i>Cylas formicarius</i> (F.) (Curculionidae):					
Airplane.....	Australia.....	-----	1	-----	Hawaii.
<i>Cylas formicarius</i> (F.) var. (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato).....	Hong Kong.....	-----	1	-----	Calif.*
<i>Cylas formicarius elegantulus</i> (Summers) (Curculionidae):					
Bagging (empty burlap bag).....	Cuba.....	-----	1	-----	Fla.
Cargo (with banana).....	Haiti.....	1	-----	-----	Fla.
<i>Ipomoea batatas</i> (sweetpotato).....	Antigua, Cuba, Dominican Republic, Mexico, Puerto Rico, Trinidad.....	8	5	-----	Am. V.I., Fla., Pa., P.R., Tex.
Quarters (on sack of mangoes).....	Mexico.....	-----	1	-----	Tex.
<i>Cylas formicarius formicarius</i> (F.) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato).....	Hong, Kong, Japan, Philippines.....	1	2	1	Calif., * Fla., Hawaii, Md.
<i>Cylas puncticollis</i> Boh. (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato).....	Kenya, Liberia, Nigeria, Sierra Leone.....	5	6	-----	Md., Mass., N.Y., Pa., Va.
<i>Cylindrocapturus tetralobus</i> Champ. (?) (Curculionidae):					
Bromeliad.....	Mexico.....	-----	-----	1	Tex.
<i>Daetynotus sonchi</i> (L.) (Aphidae):					
<i>Lactuca sativa</i> (lettuce).....	Netherlands.....	-----	1	-----	Pa.
<i>Dacus cucurbitae</i> (Coq.) (Tephritidae):					
<i>Capsicum annuum</i> var. <i>grossum</i> (bell pepper).....	Hawaii.....	-----	1	-----	Calif.*
<i>C. annuum</i> var. <i>longum</i> (chili pepper).....	Thailand.....	1	-----	-----	Hawaii.
<i>Cucumis sativus</i> (cucumber).....	Hawaii, Ivory Coast.....	-----	2	-----	Calif., * Mass.
<i>Momordica charantia</i> (balsam-pear).....	Philippines.....	1	-----	-----	Hawaii.
<i>Dacus cucurbitae</i> (Coq.) (?) (Tephritidae):					
<i>Cucumis sativus</i> (cucumber).....	Hawaii.....	-----	4	-----	Calif.*
<i>Dacus dorsalis</i> Hend. (Tephritidae):					
<i>Averrhoa carambola</i> (carambola) fruit.....	do.....	1	-----	-----	Hawaii.
Baggage.....	do.....	1	-----	-----	Hawaii.
<i>Calophyllum inophyllum</i> (Indiapoon beauty-leaf) fruit.....	do.....	2	-----	-----	Calif.*
<i>Capsicum annuum</i> (pepper).....	do.....	1	-----	-----	Hawaii.
<i>Carica papaya</i> (papaya).....	do.....	3	-----	1	Calif.*
<i>Eugenia jambos</i> (rose-apple).....	do.....	2	-----	-----	Hawaii.
<i>E. malaccensis</i> (Malay-apple).....	do.....	2	-----	-----	Hawaii.
<i>Eugenia</i> sp. (fruit).....	do.....	2	-----	-----	Hawaii.
<i>Mangifera indica</i> (mango).....	Hawaii, Philippines.....	19	1	-----	Calif.*
					Hawaii.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Dacus dorsalis</i> Hend.—Continued					
<i>Persea americana</i> (avocado).....	Hawaii.....	4	—	—	Hawaii.
<i>Psidium guajava</i> (guava).....	do.....	2	—	—	Hawaii.
<i>Terminalia catappa</i> (tropical almond).....	do.....	2	—	—	Hawaii.
<i>Dacus dorsalis</i> Hend.(?) (Tephritidae):					
<i>Aleurites moluccana</i> (candle-nut-tree).....	do.....	1	—	—	Hawaii.
<i>Mangifera indica</i> (mango).....	do.....	6	—	—	Hawaii.
<i>Persea americana</i> (avocado).....	do.....	1	—	—	Hawaii.
<i>Psidium guajava</i> (guava).....	Hawaii, India.....	2	—	—	Hawaii.
<i>Dacus oleae</i> (Gmel.) (Tephritidae):					
Baggage (with lemon).....	Italy.....	1	—	—	N.Y.
<i>Olea europaea</i> (olive).....	Europe (country(?)), France, Greece, Israel, Italy, Lebanon, Spain.	76	1	—	Md., Mass., Mich., N.J., N.Y., Ohio, Pa., Tex.
<i>O. verrucosa</i> (warty olive) seed.....	Republic of South Africa.....	—	—	1	D.C.
<i>Olea</i> sp. (branch with fruit).....	Ethiopia.....	1	—	—	Tex.
<i>Dacus oleae</i> (Gmel.)(?) (Tephritidae):					
<i>Olea europaea</i> (olive).....	Italy.....	1	—	—	N.Y.
<i>Deltocephalus maculellus</i> Osborn (Cicadellidae):					
Airplane.....	British West Indies (island(?)), St. Kitts.....	—	2	—	Am. V.I., P.R.
<i>Depressaria erinaceella</i> Stgr. (Oecophoridae):					
<i>Cynara scolymus</i> (artichoke).....	Italy.....	2	—	—	N.Y.
<i>Diabrotica speciosa</i> (Germ.) (Chrysomelidae):					
Airplane.....	Unknown.....	—	1	—	Fla.
<i>Dialeurodes chittendeni</i> Laing (Aleyrodidae):					
<i>Rhododendron</i> sp.....	England, Netherlands.....	—	—	4	N.J., N.Y.
<i>Dialeurodes citrifolii</i> (Morg.) (Aleyrodidae):					
<i>Citrus</i> sp. (leaf).....	Dominican Republic, Jamaica.....	2	—	—	Fla., N.Y.
<i>Dialeurodes kirkaldyi</i> (Kot.) (Aleyrodidae):					
<i>Gardenia jasminoides</i> (leaf).....	Hawaii, Tahiti.....	2	—	—	Hawaii.
<i>Jasminum sambac</i> (Arabian jasmine) leaf.....	Hawaii, Philippines.....	1	—	3	D.C., Hawaii.
Plant—unidentified.....	China.....	—	—	1	Wash.
<i>Diaphania quadristigmatis</i> (Guen.) (Pyraustidae):					
Orchid (leaf).....	Costa Rica.....	—	—	1	Fla.
<i>Diaprepes abbreviatus</i> (L.) (Curculionidae):					
Airplane.....	Puerto Rico.....	—	1	—	P.R.
Flowers.....	Haiti.....	1	—	—	P.R.
<i>Staphylea bolanderi</i> (Sierra bladder-nut).....	do.....	1	—	—	P.R.
<i>Diaprepes abbreviatus</i> (L.) var. (Curculionidae):					
Flowers.....	do.....	1	—	—	P.R.
<i>Diaprepes farinosus</i> Gyll. (Curculionidae):					
<i>Zea mays</i> (corn) meal.....	Antigua.....	1	—	—	Am. V.I.
<i>Diataraxia oleracea</i> (L.) (Noctuidae):					
Airplane.....	Unknown.....	—	1	—	N.Y.
<i>Dichocrocis punctiferalis</i> (Guen.) (Pyraustidae):					
<i>Pinus</i> sp. (5-needle pine) dwarf tree.....	Japan.....	—	—	2	Wash.
<i>Dictyla nassuta</i> (Puton) (Tingidae):					
Debris.....	Morocco.....	—	1	—	Fla.
<i>Dinoderus bifoveolatus</i> (Woll.) (Bostrichidae):					
<i>Phragmites</i> sp. (dunnage).....	Africa (country(?)).....	—	1	—	Md.
Wood (crate).....	India.....	1	—	—	N.Y.
<i>Dinoderus borneanus</i> Lesne(?) (Bostrichidae):					
Palm (matting).....	American Samoa.....	1	—	—	Calif.*
<i>Diocalandra taitensis</i> (Guer.) (Curculionidae):					
Baggage.....	Hawaii.....	1	—	—	Hawaii.
<i>Cocos nucifera</i> (coconut).....	do.....	4	—	—	Hawaii.
<i>Diorymerellus laevimargo</i> Champ. (Curculionidae):					
Orchid (plant).....	Guatemala, Mexico.....	—	—	5	Tex.
<i>Draeculacephala clypeata</i> Osborn (Cicadellidae):					
Cargo (with bananas).....	Ecuador.....	1	—	—	Fla.
<i>Drymaeus hegewieschi</i> (Pfeiffer) (Bulimulidae):					
Bromeliad (plant).....	Mexico.....	—	—	1	Fla.
<i>Dysdercus andreae</i> (L.) (Pyrrhocoridae):					
Airplane.....	Dominican Republic.....	—	2	—	Fla.
<i>Dysdercus mimus</i> (Say) (Pyrrhocoridae):					
<i>Saccharum officinarum</i> (sugarcane) bagasse.....	Mexico.....	1	—	—	Ill.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Dysdercus obliquus</i> (H.-S.) (Pyrrhocoridae):					
<i>Ananas comosus</i> (pineapple).....	Mexico.....	1			Tex.
Railway car (with shrimp).....	do.....	1			Ariz.
<i>Dyspessa ulula</i> (Bkn.) (Cossidae):					
<i>Allium sativum</i> (garlic).....	Italy, Spain, unknown.	6			N.Y., P.R.
<i>Ectomyelois ceratoniae</i> (Zell.) (Phycitidae):					
<i>Acacia</i> sp. (seed).....	Brazil.....			1	N.Y.
<i>Barringtonia</i> sp. (seed pod).....	Hawaii.....	1			Hawaii.
<i>Cassia javanica</i> (appleblossom senna).....	do.....	1			Hawaii.
<i>Cassia</i> sp. (seed pod).....	do.....	1			Hawaii.
<i>Ceratonia siliqua</i> (carob).....	Italy.....	2			N.Y.
<i>Citrus sinensis</i> (sweet orange).....	Spain, unknown.....	3	6		N.Y., Pa.
<i>Cydonia oblonga</i> (quince).....	Greece.....	1			N.Y.
<i>Eriobotrya japonica</i> (loquat).....	Italy.....	1			N.Y.
<i>Ficus carica</i> (fig) dried.....	do.....	2			N.Y.
<i>Gossypium</i> sp. (cotton; boll).....	Hawaii.....	1			Hawaii.
<i>Juglans</i> sp. (walnut).....	Italy.....	2			N.Y.
<i>Prunus amygdalus</i> (almond).....	do.....	4			Mich., N.Y.
<i>Punica granatum</i> (pomegranate).....	Greece, Italy.....	6			N.Y.
<i>Pyrus communis</i> (pear).....	Italy.....	1			N.Y.
Seed—unidentified.....	Unknown.....		1		Fla.
<i>Empoasca kraemeri</i> Ross & Moore (Cicadellidae):					
Airplane.....	Puerto Rico.....		1		P.R.
<i>Endelomyia aethiops</i> (F.) (Tenthredinidae):					
<i>Rosa</i> sp. (rose) cut flower.....	Denmark.....	1			N.Y.
<i>Epinotia aporema</i> (Wlsm.) (Olethreutidae):					
<i>Phaseolus vulgaris</i> cv. (string bean).....	Chile, Colombia, Venezuela.	1	4		Fla., Md., Tex.
Stores (with cabbage).....	Peru.....		1		N.C.
<i>Ericeia inangulata</i> (Guen.) (Noctuidae):					
Airplane.....	Japan(?).....		1		Hawaii.
<i>Eriophyes canestrinii</i> (Nal.) (Eriophyidae):					
<i>Euxus sempervirens</i> (boxwood) leaf.....	England.....		3		Wash.
<i>Eriopyga fea</i> (Druce) (Noctuidae):					
Orchid (plant).....	Mexico.....			1	Tex.
<i>Erythrophys durango</i> Watson (Acalothripidae):					
<i>Yucca</i> sp. (flower).....	do.....	1			Tex.
<i>Ethelema sobrina</i> Sharp (Colydiidae):					
<i>Ananas comosus</i> (pineapple).....	do.....	2			Tex.
<i>Eucalendra setulosa</i> (Gyll.) (Curculionidae):					
Bamboo (pole).....	Ecuador.....	1			Calif. *
<i>Eucalymnatus tessellatus</i> (Sign.) (Coccidae):					
<i>Gardenia</i> sp.....	Unknown.....	1			Hawaii.
<i>Eutheola humilis</i> (Burm.) (Scarabaeidae):					
Airplane.....	Brazil.....	1			N.Y.
<i>Euleia heraclei</i> (L.) (Tephritidae):					
<i>Apium graveolens</i> var. <i>dulce</i> (celery).....	France.....		1		N.Y.
<i>Euleia heraclei</i> (L.) (?) (Tephritidae):					
<i>Apium graveolens</i> var. <i>dulce</i> (celery).....	England, Italy.....		2		N.Y.
<i>Petroselinum crispum</i> (parsley).....	Belgium.....		1		N.Y.
<i>Eumaeus debora</i> (Hbn.) (Lycaenidae):					
Cycadaceae (leaf).....	Mexico.....	1			Tex.
<i>Eupelix cuspidata</i> (Fab.) (Cicadellidae):					
<i>Brassica oleracea</i> var. <i>capitata</i> (cabbage).....	Italy.....		1		N.Y.
<i>Euphyllura olivina</i> (Costa) (Psyllidae):					
Cutting—unidentified.....	Greece.....			1	Ill.
<i>Euproctis similis</i> (Fuessly) (Lymantriidae):					
<i>Crataegus</i> sp. (hawthorn).....	Japan.....			1	Hawaii.
<i>Eurytoma amygdali</i> Enderl. (Eurytomidae):					
<i>Prunus amygdalus</i> (almond).....	Jordan.....	1			Md.
<i>Eurytoma orchidearum</i> (Westw.) (Eurytomidae):					
<i>Cattleya</i> sp. (orchid).....	Brazil, Colombia.....			2	Fla.
<i>Vanda</i> sp. (orchid).....	Ceylon.....			1	N.Y.
<i>Eusepes postfasciatus</i> (Fairm.) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato).....	Brazil, British Guiana, Jamaica, Panama, Puerto Rico, Tortola, Trinidad.	3	5		Ala., Am. V.I., Calif., La., N.Y., Pa.
Mail (with ti cutting).....	Hawaii.....			1	Hawaii.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Euzesta eluta</i> Loew (Otitidae): Airplane.....	Puerto Rico, unknown, West Indies (island(?)).	---	3	---	Fla., P.R.
<i>Everes comyntas</i> (Godt.) (Lycaenidae): <i>Phaseolus vulgaris</i> cv. (string bean).....	Mexico.....	1	---	---	Tex.
<i>Evergestis forficalis</i> (L.) (Pyraustidae): <i>Brassica oleracea</i> var. <i>botrytis</i> (cauliflower).....	France.....	---	1	---	N.Y.
<i>B. oleracea</i> var. <i>capitata</i> (cabbage).....	Belgium, France, Netherlands.	---	4	---	Ala., La., N.Y., P.R.
<i>Erptochiomeria formosa</i> (Dist.) (Lygaeidae): <i>Acacia</i> sp.....	Mexico.....	---	---	1	Tex.
<i>Figulus foveicollis</i> Boisd. (Lucanidae): <i>Samanea saman</i> (raintree saman) log.....	Fiji.....	1	---	---	Hawaii.
<i>Forficula adolica</i> Brunn. (Forficulidae): Straw (packing material).....	Israel.....	1	---	---	N.Y.
<i>Forficula decipiens</i> Génè (Forficulidae): <i>Capsicum annuum</i> (pepper) dried.....	Italy.....	1	---	---	N.Y.
<i>Forficula pubescens</i> Génè (Forficulidae): <i>Pinus</i> sp. (cone).....	Germany.....	1	---	---	Md.
<i>Frankliniella formosae</i> Mlt. (Thripidae): <i>Chrysanthemum morifolium</i>	Japan.....	2	2	---	Hawaii, Wash.
<i>Dianthus caryophyllus</i> (carnation).....	do.....	1	1	---	Hawaii.
Flowers.....	do.....	---	1	---	Hawaii.
<i>Rosa</i> sp.....	do.....	---	1	---	Hawaii
<i>Frankliniella intonsa</i> (Tryb.) (Thripidae): <i>Aster</i> sp. (cut flower).....	Europe (country(?)).....	---	1	---	N.Y.
<i>Calluna vulgaris</i> (heather).....	Germany.....	3	---	---	N.Y., Wash.
<i>Dahlia</i> sp. (cut flower).....	England.....	1	---	---	N.Y.
<i>Dianthus caryophyllus</i> (carnation).....	England, Europe (country(?)), Germany, Hungary, Italy, Poland.	7	3	---	N.Y., Wash.
Flowers.....	England, Germany, Sweden.	2	1	---	N.J., N.Y., Wash.
<i>Fragaria</i> sp. (strawberry) plant.....	Switzerland.....	---	---	1	N.Y.
<i>Gladiolus</i> sp. (cut flower).....	Germany, Italy, Poland.	2	1	---	Ill., N.Y.
<i>Rosa</i> sp. (cut flower).....	Belgium, Czechoslo- vakia, England, Finland, France, Germany, Hungary, Italy, Poland, Switzerland, unknown.	28	2	---	Ill., Mass., Mich., N.Y.
<i>Frankliniella schultzei</i> (Tryb.) (Thripidae): <i>Chrysanthemum</i> sp. (cut flower).....	Africa (country(?)), Australia.	---	3	---	Hawaii, N.Y.
<i>Rosa</i> sp. (cut flower).....	Australia.....	---	1	---	Hawaii.
<i>Frankliniella sulphurea</i> Schmutz (Thripidae): <i>Capsicum annuum</i> (pepper).....	Dominican Republic.....	1	---	---	P.R.
<i>Zinnia</i> sp. (cut flower).....	Unknown.....	---	1	---	N.Y.
<i>Frankliniella tenuicornis</i> (Uzel) (Thripidae): <i>Gladiolus</i> sp. (cut flower).....	Israel.....	1	---	---	N.Y.
<i>Fulvius anthocoroides</i> Stal (Miridae): Orchid (plant).....	Guatemala.....	---	---	1	Fla.
<i>Fundella pellucens</i> (Zell.) (Phycitidae): <i>Cajanus cajan</i> (pigeonpea).....	Barbados.....	3	---	---	N.Y.
<i>Phaseolus vulgaris</i> cv. (string bean).....	Aruba, Panama.....	1	1	---	Calif.,* Pa.
<i>Vigna sesquipedalis</i> (yardlong cowpea).....	Surinam.....	1	---	---	N.Y.
<i>V. sinensis</i> (common cowpea).....	British Guiana.....	1	---	---	Fla.
<i>Furcaspis oceanica</i> Ldgr. (Coccidae): <i>Cocos nucifera</i> (coconut).....	Eniwetok, Kwajalein.....	3	1	---	Hawaii, Wash.
<i>Galgupha punctifer</i> McA. & Mall. (Pentatomi- dae): Bromeliad.....	Mexico.....	---	---	1	Ariz.
<i>Gastrimargus brevipes</i> Sjost. (Acrididae): Cargo (as food for live shrew).....	Kenya.....	1	---	---	N.Y.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Gelechia ericetella</i> (Hbn.) (Gelechiidae): <i>Calluna vulgaris</i> (heather).....	Denmark, England, Germany, Ireland, Norway, Scotland, Switzerland.	17	—	—	N.Y.
<i>Genaparlatoria pseudaspidotus</i> (Ldgr.) (Coccidae): <i>Vanda</i> sp. (orchid) plant.....	Indonesia.....	—	—	1	Hawaii.
<i>Geniates panamensis</i> Arrow (Scarabaeidae): Airplane.....	Panama, unknown.....	—	3	—	Fla.
<i>Geocoris thoracicus</i> (F.) (Lygaeidae): Airplane.....	Puerto Rico.....	—	1	—	P.R.
<i>Geomyza tripunctata</i> Fall. (Opomyzidae): <i>Lactuca sativa</i> (lettuce).....	France.....	—	1	—	N.Y.
<i>Geotomus pygmaeus</i> (Dallas) (Cydnidae): Soil.....	American Samoa.....	1	—	—	Hawaii.
<i>Swietenia mahagoni</i> (mahogany).....	Japan.....	1	—	—	Hawaii.
<i>Giraudiella inclusa</i> (Frauenfeld) (Cecidomyiidae): <i>Phragmites</i> sp. (reed) mat.....	Austria.....	1	—	—	Ill.
<i>Gnorimoschema gudmannella</i> (Wlsm.) (Gelechiidae): <i>Capsicum annuum</i> (pepper).....	Colombia, Guatemala, Mexico.....	3	—	—	Fla., Tex.
<i>C. annuum</i> var. <i>longum</i> (chili pepper).....	British Honduras, Mexico.....	3	—	—	Fla., Tex.
<i>Gnorimoschema ocellatella</i> (Boyd) (Gelechiidae): <i>Beta vulgaris</i> (beet).....	Italy, United Arab Republic.....	—	3	—	N.Y., Tex.
Stores (with string bean).....	Italy.....	—	1	—	N.Y.
<i>Gnorimoschema plaesiosema</i> (Turn.) (Gelechiidae): <i>Solanum tuberosum</i> (potato).....	Chile.....	—	1	—	La.
<i>Gortyna flavago</i> (Schiff.) (Noctuidae): <i>Cynara scolymus</i> (artichoke).....	France.....	—	2	—	N.Y.
<i>Gracilaria azaleella</i> Brants (Gracilariidae): <i>Rhododendron</i> sp. (azalea) leaf.....	England, France.....	—	—	2	N.J.
<i>Graptostethus manillensis</i> (Stal) (Lygaeidae): <i>Operculina tuberosa</i> (wood-rose).....	Hawaii.....	1	—	—	Hawaii.
<i>Vanda</i> sp. (orchid).....	do.....	1	—	—	Hawaii.
<i>Gryllotalpa africana</i> P. de B. (Gryllotalpidae): Cargo (aircraft parts).....	Japan.....	1	—	—	Hawaii.
<i>Gryllus bimaculatus</i> De Geer (Gryllidae): Airplane.....	Morocco.....	—	7	—	Fla., Ga.
Baggage.....	do.....	1	—	—	Ga.
<i>Haplothrips aculeatus</i> (F.) (Phlaeothripidae): Nursery stock.....	Netherlands.....	—	—	3	N.J.
<i>Ornithogalum</i> sp. (star-of-Bethlehem).....	Germany.....	1	—	—	N.Y.
<i>Triticum aestivum</i> (wheat) straw.....	Poland.....	1	—	—	N.Y.
<i>Haplothrips clarisetis</i> Priesner(?) (Phlaeothripidae): <i>Mesembryanthemum</i> sp.....	Mexico.....	—	—	2	Calif.
<i>Petroselinum crispum</i> (parsley).....	do.....	1	—	—	Calif.
<i>Haplothrips cottei</i> (Vuillet) (Phlaeothripidae): <i>Dianthus caryophyllus</i> (carnation).....	Cyprus.....	1	—	—	N.Y.
<i>Haplothrips gowdeyi</i> (Frankl.) (Phlaeothripidae): <i>Antirrhinum majus</i> (snapdragon).....	Haiti.....	2	—	—	P.R.
<i>Celosia argentea</i> var. <i>cristata</i> (common feather cockscomb) seed head.....	Jamaica.....	—	—	1	N.Y.
<i>Chrysanthemum</i> sp. (cut flower).....	Australia.....	—	2	—	Hawaii.
<i>Dahlia</i> sp.....	do.....	—	1	—	Hawaii.
<i>Dianthus caryophyllus</i> (carnation).....	Japan.....	1	—	—	Hawaii.
Flowers.....	Haiti.....	11	—	—	P.R.
Herb.....	Puerto Rico.....	1	—	—	P.R.
<i>Protea</i> sp.....	Republic of South Africa.....	1	—	—	N.Y.
<i>Haplothrips tritici</i> (Kurdj.) (Phlaeothripidae): <i>Triticum aestivum</i> (wheat) stem.....	Union of Soviet Socialist Republics.....	1	—	—	N.Y.
<i>Helicella arizonis</i> (Rossmassler) (Helicellidae): Stores.....	Spain.....	—	1	—	S.C.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Helicella candidula</i> (Studer) (Helicellidae):					
<i>Brassica oleracea</i> var. <i>botrytis</i> (cauliflower).....	Netherlands.....		1		La.
<i>Mirabilis jalapa</i> 'Marvel-of-Peru' (four-o'clock) seed.....	do.....			1	Pa.
<i>Mirabilis</i> sp. (seed).....	Denmark.....			1	Pa.
<i>Helicella caperata</i> (Montagu) (Helicellidae):					
Military cargo (conex box).....	England, France.....	4			La.
<i>Quercus suber</i> (cork oak).....	Spain.....	1			Ill.
<i>Helicella conspurcata</i> (Draparnaud) (Helicellidae):					
Military cargo.....	Morocco, Spain.....	2			N.Y., Va.
<i>Helicella cretica</i> (Fer.) (Helicellidae):					
Military cargo.....	Crete, Greece, Turkey.....	5			Del., N.Y.
<i>Helicella derbentina</i> (Andrz.) (Helicellidae):					
Military cargo.....	Turkey.....	4			Del., La., N.Y.
<i>Helicella elegans</i> (Gmelin) (Helicellidae):					
<i>Mirabilis jalapa</i> 'Marvel-of-Peru' (four-o'clock) seed.....	Netherlands.....			1	Pa.
<i>Helicella itala</i> (L.) (Helicellidae):					
Military cargo (conex box).....	Unknown.....	1			La.
<i>Helicella littoralis</i> (Mousson) (?) (Helicellidae):					
Military cargo.....	Greece.....	1			N.Y.
<i>Helicella maritima</i> (Draparnaud) (Helicellidae):					
Airplane.....	Spain.....		1		Fla.
Herb.....	Greece.....	1			N.J.
Military cargo.....	France, Greece, Morocco, Spain.....	11			Del., La., Mass., N.Y., S.C., Va.
<i>Helicella protea</i> (Ziegler) (Helicellidae):					
Military cargo.....	Turkey, unknown.....	7			Del., N.Y., S.C., Va.
<i>Helicella pyramidata</i> (Draparnaud) (Helicellidae):					
Military cargo.....	Germany, Italy, Libya.....	4			La., S.C., Va.
Residue (in cargo hold).....	Unknown.....		1		Mich.
Soil with <i>Begonia</i> sp.....	Italy.....			1	Mass.
<i>Helicella trochoides</i> (Poiret) (Helicellidae):					
<i>Mirabilis jalapa</i> 'Marvel-of-Peru' (four o'clock) seed.....	Netherlands.....			1	Pa.
<i>Helicella variabilis</i> (Draparnaud) (Helicellidae):					
Automobile.....	France.....	1			La.
<i>Brassica oleracea</i> var. <i>capitata</i> (cabbage).....	do.....		1		N.Y.
<i>Cichorium intybus</i> (chicory).....	do.....		1		N.Y.
<i>Lactuca sativa</i> (lettuce).....	Italy.....		1		N.Y.
Military cargo.....	France, Greece, Spain, Turkey.....	6			La., N.Y., Va.
<i>Muscari comosum</i> (tassel grapehyacinth).....	Italy.....		1		N.Y.
<i>Quercus suber</i> (cork oak).....	Spain.....	1			Ill.
<i>Helicella virgata</i> (DaCosta) (Helicellidae):					
<i>Allium porrum</i> (leek).....	do.....		1		Pa.
Stores.....	do.....		1		S.C.
<i>Helicina conveza</i> Pfeiffer (Helicinidae):					
Military cargo.....	Bermuda.....	1			S.C.
<i>Helicina neritella</i> Lamarek (Helicinidae):					
Orchid (plant).....	Jamaica.....			1	Fla.
<i>Helix aperta</i> Born (Helicidae):					
Baggage.....	Italy.....	2			N.Y.
Military cargo.....	Azores, Italy.....	3			N.Y.
Stores.....	Italy.....		1		Va.
<i>Helix aspersa</i> Müller (Helicidae):					
<i>Brassica oleracea</i> var. <i>botrytis</i> (cauliflower).....	France.....		1		N.Y.
Cargo (with crate of marble).....	Portugal.....	1			Calif.*
<i>Lactuca sativa</i> (lettuce).....	France.....		1		N.Y.
Mail.....	Haiti.....	1			Fla.
Military cargo.....	Australia, Azores, Crete, France, unknown.....	15			La., N.Y., Pa., Va.
<i>Mirabilis jalapa</i> 'Marvel-of-Peru' (four o'clock) seed.....	Netherlands.....			1	Pa.
Orchid (plant).....	Mexico.....			1	Tex.
Stores.....	Spain.....		1		S.C.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Helix figulina</i> (Parreyss) (Helicidae): Military cargo.....	Turkey.....	1			Del.
<i>Helix pomatia</i> L. (Helicidae): Baggage.....	Germany.....	1			Va.
<i>Hellula undalis</i> (F.) (Pyraustidae): <i>Brassica rapa</i> (turnip).....	France, Senegal.....		2		Mass., Pa.
<i>Heterobostrychus aequalis</i> (Waterh.) (Bostrichidae): Wood (crate).....	India, Pakistan, Philippines, Thailand, Vietnam.....	5			Md., Mass., N.Y., Tex.
<i>Heterobostrychus brunneus</i> (Murray) (Bostrichidae): Wood (packing board).....	Republic of the Congo, West Africa.....	2			Md.
<i>Heterotermes convexinotatus</i> (Snyder) (Rhino-termitidae): Cargo (with carton of shirts).....	Jamaica.....	1			Fla.
Wood (crate).....	Colombia.....	1			Fla.
<i>Holochlora japonica</i> Brunn. (Tettigoniidae): <i>Putosporum</i> sp.....	Japan.....		1		Hawaii.
<i>Homorocoryphus nitidulus</i> (Scopoli) (Tettigoniidae): Cargo (with live chamelion).....	Kenya.....	1			N.Y.
<i>Homoeogryllus japonicus</i> (Haan) (Gryllidae): Soil.....	Hong Kong.....	1			Hawaii.
<i>Hydroecia zanthenes</i> (Germ.) (Noctuidae): <i>Cynara scolymus</i> (artichoke).....	Algeria.....		1		N.Y.
<i>Hylesia euphemia</i> Dyar (Saturniidae): <i>Solanum melongena</i> (eggplant).....	Mexico.....	1			Ariz.
<i>Hylobius abietis</i> (L.) (Curculionidae): Conifer (packing board).....	Italy.....	1			Md.
<i>Hymenia perspectalis</i> (Hbn.) (Pyraustidae): Airplane.....	Unknown.....		1		Fla.
<i>Hypomeces squamosus</i> F. (Curculionidae): Airplane.....	Japan.....		1		Hawaii.
<i>Incisitermes repandus</i> (Hill) (Kalotermitidae): <i>Samanea saman</i> (raintree saman) log.....	Fiji.....	1			Hawaii.
<i>Ips calligraphus</i> (Germ.) (Scolytidae): <i>Pinus</i> sp. (bark on log).....	Bahamas.....	1			Fla.
<i>Iridomyrmex iniguus</i> Mayr (Formicidae): Bromeliad (plant).....	Guatemala.....			1	Fla.
Orchid (plant).....	Guatemala, Mexico.....			6	Fla., N.Y., Tex.
<i>Jadera pyrrholoma</i> Stal (Coreidae): <i>Rosa</i> sp. (rose) cut.....	Haiti.....	1			N.Y.
<i>Kaloterms flavicollis</i> (Fabr.) (Kalotermitidae): Straw (liquor jacket).....	Spain.....	1			N.Y.
<i>Labia arcuata</i> Seudd. (Labiidae): <i>Chamaedorea oblongata</i> (palm) leaf.....	Mexico.....	1			Tex.
<i>Lamellaxis micra</i> (Orbigny) (Achatinidae): Orchid (plant).....	Honduras.....			1	Fla.
<i>Lampides boeticus</i> (L.) (Lycaenidae): <i>Canavalia microcarpa</i> (mauna loa) lei.....	Hawaii.....	3			Calif.,* Hawaii.
<i>Phaseolus vulgaris</i> cv. (string bean).....	Italy.....	1			N.Y.
<i>Pisum</i> sp. (pea) pod.....	Japan.....		1		Hawaii.
<i>Sesbania</i> sp.....	Hawaii.....	1			Hawaii.
<i>Laspeyresia nigricana</i> (Steph.) (Olethreutidae): <i>Pisum sativum</i> (garden pea).....	Spain.....		1		Ala.
<i>Laspeyresia splendana</i> (Hbn.) (Olethreutidae): Baggage (with apple).....	Portugal.....	1			N.Y.
<i>Castanea sativa</i> (European chestnut).....	Austria, Azores, France, Greece, Italy, Portugal, Spain, unknown.....	90			Ill., Mass., Mich., N.Y., P.R.
<i>Quercus suber</i> (cork oak) seed.....	Italy.....			1	N.J.
<i>Quercus</i> sp. (acorn).....	Switzerland.....	1			Fla.
<i>Lema bilineata</i> Germ. (Chrysomelidae): Excelsior (packing with melons).....	Chile.....	1			N.Y.
<i>Lepidosaphes conchiformis</i> (Gmel.) (Coccidae): <i>Diospyros kaki</i> (kaki persimmon).....	Japan.....	1			Hawaii.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Lepidosaphes esakii</i> Tak. (Coccidae): Cocos nucifera (coconut)-----	Kwajalein-----	1			Hawaii.
<i>Lepidosaphes philococcus</i> (Ckll.) (Coccidae): Cactus (plant)-----	Mexico-----			1	Tex.
<i>Lepidosaphes pini</i> (Mask.) (Coccidae): Pinus sp. (plant)-----	Japan-----			1	Hawaii.
<i>Lepidosaphes tokionis</i> (Kuw.) (Coccidae): Codiaeum sp. (croton)-----	Hawaii-----	3		4	Calif.,* Hawaii.
<i>Lepidosaphes tuberculata</i> Mal. (Coccidae): Orchid (pseudobulb)-----	Australia-----			1	Wash.
<i>Lepidosaphes tubulorum</i> Ferris (Coccidae): Malus sylvestris (apple)-----	Netherlands(?)-----	1			Calif.*
<i>Leucinodes orbonalis</i> Guen. (Pyraustidae): Solanum melongena (eggplant)-----	Federation of Malaysia(?), Ghana, Senegal.	1	2		Hawaii, Mass., N. Y.
<i>Ligyrocoris nitidicollis</i> (Stal) (Lygaeidae): Ananas comosus (pineapple)-----	Mexico-----	1			Tex.
<i>Limax marginatus</i> Müller (Limacidae): Bromeliad (plant)-----	Costa Rica, Guatemala, Jamaica.			3	Fla.
<i>Cordylone terminalis</i> (ti)-----	Hawaii-----	1			Hawaii.
<i>Lactuca sativa</i> (lettuce)-----	Italy-----		1		N. Y.
Orchid (plant)-----	Colombia-----			1	Fla.
<i>Limothrips denticornis</i> (Hal.) (Thripidae): Lactuca sativa (lettuce)-----	Europe (country(?))-----		1		N. Y.
<i>Liocoris tripustulatus</i> (F.) (Miridae): Rosaceae (leaf)-----	France-----		1		Ill.
<i>Liodontomerus papaveris</i> (Foerster) (Torymidae): Salvia sp. (sage) seed pod-----	Greece-----	1			N. Y.
<i>Liogenys macropelma</i> Bates (Scarabaeidae): Airplane-----	Panama, unknown-----		12		Fla., N. Y.
<i>Liogenys quadridens</i> (Fab.) (Scarabaeidae): Airplane-----	Panama-----		1		Fla.
<i>Lobesia botrana</i> (Schiff.) (Olethreutidae): Vitis sp. (grape)-----	Italy-----	1			N. Y.
<i>Loxostege bifidalis</i> (F.) (Pyraustidae): Portulaca oleracea (purslane)-----	Mexico-----	1			Tex.
<i>Lyctus africanus</i> Lesne (Lyctidae): Cargo (with household van)-----	Hong Kong-----	1			Md.
<i>Glycyrrhiza glabra</i> (licorice) root-----	Greece-----	1			Md.
<i>Swietenia mahagoni</i> (mahogany) dowell-----	Unknown-----	1			La.
<i>Lyctus brunneus</i> (Steph.) (Lyctidae): Wood-----	Australia, Nigeria-----	2			Md., N. Y.
<i>Lygaeus equestris</i> (L.) (Lygaeidae): Airplane-----	Morocco-----		1		Fla.
<i>Lygaeus pandurus</i> (Scop.) (Lygaeidae): Airplane-----	do-----		1		Fla.
<i>Lygaeus pulchellus</i> F. (Lygaeidae): Ananas comosus (pineapple)-----	Mexico-----	1			Tex.
Bromeliad-----	do-----			1	Tex.
Orchid (plant)-----	Honduras-----			1	Fla.
<i>Lygus lineolaris</i> (Palis.) (Miridae): Plant material (Christmas greenery)-----	Mexico-----	1			Tex.
<i>Lygus rugulipennis</i> Poppius (Miridae): Arabidopsis sp. (rockcress)-----	England-----			1	N. Y.
<i>Macroglossum stellatarum</i> (L.) (Sphingidae): Military cargo (conex box)-----	Spain-----	1			Mass.
<i>Macrosiphum ibarae</i> Mats. (?) (Aphidae): Rosa sp. (rose) cut-----	Unknown-----		1		Hawaii.
<i>Mamestra brassicae</i> (L.) (Noctuidae): Beta vulgaris var. cicla (Swiss chard)-----	Italy-----		1		N. Y.
Brassica oleracea var. acephala (kale)-----	Denmark-----	1			N. Y.
B. oleracea var. botrytis (cauliflower)-----	Denmark, France, Italy, Netherlands.		5		N. Y., Ohio.
B. oleracea var. capitata (cabbage)-----	Belgium, France, Italy, Netherlands.		14		Ala., La., N. Y.
Lactuca sativa (lettuce)-----	France, Spain-----		2		N. Y., P. R.
Quarters (with gladiolus flower)-----	Italy-----		1		N. Y.
<i>Marasmia poegalis</i> Bdv. (Pyraustidae): Airplane-----	Unknown-----		1		Hawaii.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagations	
<i>Maruca testulalis</i> (Geyer) (Pyraustidae):					
Baggage (with coriander seed).....	Dominican Republic.....	1			Fla.
<i>Cajanus cajan</i> (pigeonpea).....	Dominican Republic, Panama, Puerto Rico.	6			N.Y., P.R., Tex.
<i>Canavalia microcarpa</i> (mauna loa) lei.....	Hawaii.....	4			Calif.* Hawaii.
<i>Phaseolus lunatus</i> (lima bean).....	Puerto Rico.....	1			P.R.
<i>P. vulgaris</i> cv. (string bean).....	Japan, Puerto Rico, Senegal, Surinam.	4	5		Fla., La., N.Y., Tex. Wash.
<i>Sesbania</i> sp.....	Hawaii.....	1			Hawaii.
<i>Matsumuraeae phaseoli</i> (Mats.) (Olethreutidae):					
<i>Phaseolus vulgaris</i> cv. (string bean).....	Japan.....		4		Calif.* Hawaii, Tex., Wash.
<i>Megalogyllus molinai</i> Chop. (Gryllidae):					
Cargo (in water with tropical fish).....	Colombia.....	1			Fla.
<i>Megaris laevicollis</i> Stal (Pentatomidae):					
Plant material (packing for snakes).....	Brazil.....	1			N.Y.
<i>Megastigmus pistaciae</i> Wlk. (Torymidae):					
<i>Pistacia</i> sp. (pistache) nut.....	Italy.....	2			N.Y.
<i>Melanaspis squamiae</i> Ferris (Coccidae):					
<i>Ceratozamia</i> sp. (cycad) stem.....	Mexico.....			1	Calif.*
<i>Melolontha melolontha</i> (L.) (Scarabaeidae):					
Quarters (of airplane).....	Switzerland.....		1		Ill.
<i>Melormenis antillarum</i> (Kirk.) (Flatidae):					
Plant material (leaves for tea).....	Tortola.....	1			Am. V.I.
<i>Meridiyris progenies</i> (Guen.) (Noctuidae):					
Airplane.....	Dominican Republic.....		1		Fla.
<i>Merodon equestris</i> (F.) (Syrphidae):					
<i>Narcissus viridiflorus</i> (green autumn jonquil) bulb.	England.....			1	N.J.
<i>Narcissus</i> sp. (bulb).....	England, Netherlands.....			3	N.J.
<i>Tulipa</i> sp. (tulip) bulb.....	Netherlands.....			1	N.J.
<i>Mescinia peruella</i> Schaus (Phycitidae):					
<i>Gossypium</i> sp. (cottonseed).....	Peru.....	1			Fla.
<i>Metamasius hemipterus hemipterus</i> (L.) (Curculionidae):					
Bromeliad.....	Guatemala.....			1	Tex.
<i>Musa X paradisiaca</i> (plantain) leaf.....	Puerto Rico.....	1			P.R.
<i>Musa</i> sp. (baby banana).....	do.....	1			P.R.
<i>Metamasius hemipterus sericeus</i> (Oll.) (Curculionidae):					
<i>Ananas comosus</i> (pineapple).....	Ecuador.....	1			Fla.
Cargo (in hold of ship).....	do.....		3		Fla.
<i>Musa X paradisiaca</i> (banana).....	Costa Rica, Ecuador, Guatemala, Honduras.	36			Ala., Fla., La., N.Y., Tex.
<i>Miccotrogus picirostris</i> (F.) (Curculionidae):					
Plants—unidentified.....	Canada.....			2	Wash.
<i>Micrapate labialis</i> Lesne (Bostrichidae):					
<i>Salix</i> sp. (willow) crate.....	Mexico.....	1			Ariz.
Wood.....	do.....	1			Calif.
<i>Micrapate mexicana</i> Fisher(?) (Bostrichidae):					
Wood (stem).....	do.....	1			Tex.
<i>Milax gagates</i> (Draparnaud) (Limacidae):					
<i>Brassica oleracea</i> var. <i>capitata</i> (cabbage).....	Italy, Netherlands.....		2		N.Y.
<i>Lactuca sativa</i> (lettuce).....	England, France.....		2		N.Y.
Orchid (plant).....	Colombia.....			1	Fla.
<i>Mimegralla coeruleifrons</i> (Macq.) (Micropezidae)					
<i>Zingiber officinale</i> (ginger) root.....	Philippines.....	1			Hawaii.
<i>Mimosestes dominicanus</i> (Jek.) (Bruchidae):					
Seed—unidentified.....	Dominican Republic.....	1			Fla.
<i>Minthea rugicollis</i> (Wlk.) (Lyctidae):					
Plant material (unidentified).....	Hong Kong(?), Macao, Africa (country?).....	2			Hawaii.
<i>Phragmites</i> sp. (reed) dunnage.....			1		Md.
Wood (packing boards).....	Republic of the Congo, unknown.	2			Md.
<i>Minthea squamigera</i> Pascoe (Lyctidae):					
<i>Cedrus</i> sp. (cedar) bark.....	Colombia.....	1			N.Y.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Miogryllus convolutus</i> (Joh.) (Gryllidae):					
<i>Cucumis melo</i> var. <i>cantalupensis</i> (cantaloupe)...	El Salvador	1			Fla.
<i>Mniothripa lichenigera</i> (Hampson) (Noctuidae):					
Airplane	Philippines		1		Hawaii.
<i>Modocogryllus conspersus</i> (Schaum) (Gryllidae):					
Baggage (in suitcase)	Hawaii	1			Hawaii.
<i>Monacha cantiana</i> (Montagu) (Helicellidae):					
Military cargo (conex box)	France	1			La.
<i>Monacha carthusiana</i> (Müller) (Helicellidae):					
Military cargo (conex box)	do.	1			La.
<i>Monacha olivieri</i> (Fer.) (Helicellidae):					
Military cargo (conex box)	Greece, Turkey	3			N.Y.
Soil with plants	Greece			1	N.Y.
<i>Monosteira unicastata</i> Muls. & Rey (Tingidae):					
<i>Prunus amygdalus</i> (almond)	Greece	1			N.Y.
<i>Morganella longispina</i> (Morg.) (Coccidae):					
<i>Citrus aurantifolia</i> (lime)	Tahiti		2		Calif.,*
<i>C. paradisi</i> (grapefruit)	do.	1	7		Hawaii.
<i>Mormidea v-luteum</i> (Licht.) (Pentatomidae):					
Plant material (packing for snakes)	Brazil	1			N.Y.
<i>Morphacris fasciata</i> (Thunb.) (Acrididae):					
Cargo (as food for live shrew)	Kenya	1			N.Y.
<i>Mumetopia nigrimana</i> Coq. (Anthomyzidae):					
Airplane	Nicaragua		1		P.R.
<i>Myocetandra elongata</i> (Roel.) (Curculionidae):					
Bamboo (cane with roses)	Japan	1			Hawaii.
<i>Myrmecophila americana</i> Sauss. (Gryllidae):					
Orchid (plant)	Guatemala			1	Fla.
<i>Myzus ascalonicus</i> Donc. (?) (Aphidae):					
Soil with <i>Begonia</i> sp. (plant)	France			1	N.J.
<i>Nasutitermes chaquimayensis</i> (Holmgr.) (Termitidae):					
<i>Bletia</i> sp. (orchid) bulb	Peru			1	Fla.
<i>Nasutitermes corniger</i> (Motsch.) (Termitidae):					
<i>Dalbergia</i> sp. (rosewood) log	Brazil	1			Mass.
<i>Schomburgkia</i> sp. (orchid) plant	British Honduras			1	Fla.
Wood (crate)	Venezuela		1		N.Y.
<i>Nasutitermes ephratae</i> (Holmgr.) (Termitidae):					
<i>Epidendrum</i> sp. (orchid) plant	Panama			1	Fla.
Orchid (plant)	British Honduras			1	Fla.
<i>Nasutitermes nigricipes</i> (Hald.) (Termitidae):					
Orchid (plant)	do.			1	Fla.
<i>Nasutitermes rippertii</i> (Rambur) (Termitidae):					
Military cargo	Cuba	1			N.C.
Orchid (plant)	Bahamas			1	Fla.
<i>Naupactus xanthographus</i> (Germ.) (Curculionidae):					
<i>Cucumis melo</i> (melon)	Chile	2			N.Y.
<i>C. melo</i> 'Honeydew'	do.	1			N.Y.
<i>Neoleucinodes elegantalis</i> (Guen.) (Pyraustidae):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	7			Tex.
<i>Nephotettix apicalis</i> (Motsch.) (Cicadellidae):					
Cargo	India	2			N.Y., Pa.
Stores	Unknown		1		Wash.
<i>Neuroterus tricolor</i> (Hartig) (Cynipidae):					
<i>Quercus</i> sp. (oak) leaf	Germany		1		Ill.
<i>Nysius coenosulus</i> Stal (Lygaeidae):					
Baggage	Hawaii	1			Hawaii.
<i>Oligonychus perditus</i> P. & B. (Tetranychidae):					
<i>Juniperus</i> sp. (juniper) dwarf plant	Japan			1	Hawaii.
<i>Opeas pumilum</i> (Pfeiffer) (Achatinidae):					
<i>Piper</i> sp. (black pepper)	Unknown		1		N.C.
<i>Opeas pyrgula</i> Schmacker & Boettger (Achatinidae):					
<i>Platycerium</i> sp. (staghorn fern)	Philippines			1	Calif.*
<i>Opogona sacchari</i> (Bojer) (Tineidae):					
<i>Cymbopogon citratus</i> (lemon-grass)	Portugal	1			N.Y.
<i>Gladiolus</i> sp. (corm)	Italy			3	N.Y.
<i>Saccharum officinarum</i> (sugarcane)	Portugal	1			N.Y.
Soil with <i>Begonia</i> sp. (plant)	Yugoslavia			1	N.Y.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Orchidophilus aterrimus</i> (Waterh.) (Curculionidae):					
Baggage	Hawaii	1			Hawaii.
Cargo	do.	1			Hawaii.
<i>Dendrobium</i> sp. (orchid)	do.	1			Hawaii.
<i>Epidendrum</i> sp. (orchid)	do.	1			Hawaii.
Flowers	do.	6			Hawaii.
<i>Holmskioldia sanguinea</i> ("Chinese-hat plant")	do.	1			Hawaii.
<i>Lilium</i> sp. (lily) bulb	do.			1	Hawaii.
Orchid (cut flower)	do.	4			Hawaii.
<i>Vanda</i> 'Miss Joachim' (orchid) cut flower	do.	33			Hawaii.
<i>Vanda</i> sp. (cut flower)	do.	8			Hawaii.
<i>Ostrinia nubilalis</i> (Hbn.) (Pyraustidae):					
<i>Arcium lappa</i> (burdock) stem	Japan		4		Calif.,* Hawaii.
<i>Capsicum annuum</i> var. <i>groszum</i> (bell pepper)	Italy, Japan, Sweden	1	8		Fla., Hawaii, Md., N.Y., Pa.
<i>Malus sylvestris</i> (apple)	Italy	1			N.Y.
<i>Oryza sativa</i> (rice)	Japan	1			Hawaii.
<i>Prunus persica</i> (peach)	Unknown		1		Fla.
<i>Zea mays</i> (corn) fresh corn and seed	Italy, Thailand	1	2		Hawaii, Ill.
<i>Otala lactea</i> (Müller) (Helicidae):					
<i>Brassica oleracea</i> var. <i>capitata</i> (cabbage)	Italy		1		N.Y.
Cargo (with cardboard carton)	Yugoslavia	1			Md.
<i>Otala vermiculata</i> (Müller) (Helicidae):					
Baggage	Italy	1			N.Y.
<i>Brassica oleracea</i> var. <i>capitata</i> (cabbage)	do.		1		N.Y.
<i>Lilium</i> sp. (lily) cut flower	Bermuda	1			N.Y.
Military cargo	Crete, Greece, Turkey, unknown.	6			N.Y.
<i>Otosema odorata</i> (L.) (Noctuidae):					
Baggage	Mexico	1			Fla.
<i>Onatus crataegarius</i> (Wlk.) (Aphidae):					
<i>Mentha pulegium</i> (pennyroyal mint) leaf	Australia			1	D.C.
<i>M. spicata</i> (spearmint)	Portugal	1			N.Y.
<i>Mentha</i> sp.	Italy, Mexico	3		2	Calif., Ill., Mass., Tex.
<i>Oxyambulyx substrigilis</i> (Westw.) (Sphingidae):					
Airplane	Philippines		1		Hawaii.
<i>Ozycaenus hyalintipennis</i> (Costa) (Lygaeidae):					
<i>Gossypium</i> sp. (cottonseed)	Pakistan	1			N.J.
<i>Punica granatum</i> (pomegranate)	Greece, Israel	2			N.Y.
<i>Orychilus alliarius</i> (Müller) (Zonitidae):					
Bamboo	Hawaii	1			Calif.*
<i>Cibotium</i> sp. (fern) log	do.			1	Calif.*
Soil	Ireland	1			Mass.
<i>Orycopis vittata</i> (Fab.) (Oedemeridae):					
Airplane	Unknown		1		P.R.
<i>Ozydema fusiforme</i> Woll. (Curculionidae):					
<i>Leucaena leucocephala</i> (white popinac lead-tree).	Hawaii	1			Hawaii.
<i>Sterculia</i> sp. (stem)	do.	1			Hawaii.
<i>Ozydema longulum</i> (Boh.) (Curculionidae):					
<i>Vanda densiflora</i> (orchid) plant	Thailand			1	Hawaii.
<i>Pachybrachius albocinctus</i> Barber (Lygaeidae):					
<i>Agave sisalana</i> (sisal agave) baled	West Africa	1			La.
<i>Palaeopus costicollis</i> Mshl. (Curculionidae):					
<i>Dioscorea</i> sp. (yam)	Jamaica	2			Fla., N.Y.
<i>Pallantia macula</i> Dallas (Pentatomidae):					
Bromeliad	Brazil			1	Fla.
<i>Paracosmia tolteca</i> (Seudd.) (Forficulidae):					
Bromeliad	Mexico			1	Ariz.
Orchid	do.			1	Tex.
<i>Parastichtis monoglypha</i> (Hufn.) (Noctuidae):					
Baggage	Unknown	1			N.Y.
<i>Parisoschoenus expositus</i> (Champ.) (Curculionidae):					
<i>Chamaedorea</i> sp. (palm) stem	Mexico	1			Tex.
<i>Parisoschoenus flavolimbatus</i> Champ. (Curculionidae):					
<i>Chamaedorea oblongata</i> (palm) stem	do.	1			Tex.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Parlatoria cinerea</i> Hadden (Coccidae):					
<i>Citrus aurantifolia</i> (lime).....	Mexico.....	1	1	1	Calif.*
<i>C. grandis</i> (pummelo).....	Tahiti.....	1	1	1	Hawaii.
<i>C. limon</i> (lemon).....	Unknown.....	1	1	1	Wash.
<i>C. paradisi</i> (grapefruit).....	Israel, Tahiti.....	3	3	3	Calif.*
<i>C. reticulata</i> (Mandarin orange).....	Brazil, Mexico.....	1	1	1	Calif.*
<i>C. sinensis</i> (sweet orange).....	Brazil, Israel, Mexico, Tahiti, unknown.	2	16	16	Calif.,* Wash.
<i>Parlatoria citri</i> McKenzie (Coccidae):					
<i>Citrus aurantium</i> (sour orange).....	Vietnam.....	1	1	1	Hawaii.
<i>C. reticulata</i> (Mandarin orange).....	Philippines.....	1	1	1	Hawaii.
<i>C. sinensis</i> (sweet orange).....	Thailand.....	1	1	1	Hawaii.
<i>Parlatoria zizyphus</i> (Lucas) (Coccidae):					
<i>Citrus aurantium</i> (sour orange).....	Vietnam.....	1	1	1	Hawaii.
<i>C. limon</i> (lemon).....	Malta, unknown.....	1	1	1	Calif.*
<i>C. mitis</i> (calamondin orange).....	Hong Kong, Philippines.	1	1	1	Hawaii.
<i>C. paradisi</i> (grapefruit).....	Italy.....	1	1	1	N.Y.
<i>C. paradisi</i> × <i>C. reticulata</i> (tangelo).....	Philippines.....	1	1	1	Hawaii.
<i>C. reticulata</i> (Mandarin orange).....	Algeria, China, Formosa, Haiti, Hong Kong, Italy, Japan, Morocco, Okinawa, Philippines, unknown.	13	12	12	Calif.,* Hawaii, N.Y.
<i>C. sinensis</i> (sweet orange).....	Greece, Hong Kong, India, Italy, Japan, Morocco, Okinawa, Spain, unknown, Vietnam.	10	11	11	Calif.,* Hawaii, N.Y., Wash.
<i>Citrus</i> sp.....	Hong Kong, Wake Island(?)	1	1	1	Calif.,* Hawaii.
<i>Fortunella japonica</i> (kumquat).....	Japan.....	1	1	1	Hawaii.
<i>Parnara guttata</i> (Bremer) (Hesperiidae):					
Airplane.....	do.....	1	1	1	Hawaii.
<i>Parthenothrips dracaenae</i> (Heeger) (Thripidae):					
<i>Nothopanax</i> sp. (false panax).....	Norway.....	1	1	1	N.Y.
<i>Pealius azaleae</i> (B. & M.) (Aleyrodidae):					
<i>Rhododendron</i> sp. (azalea) leaf.....	England.....	1	1	1	N.Y.
<i>Pectinophora gossypiella</i> Saund. (Gelechiidae):					
<i>Gossypium tomentosum</i> (Hawaiian cotton) seed.....	Hawaii.....	1	1	1	D.C.
<i>Gossypium</i> sp. (cotton; boll).....	Grenada, Hawaii, Jamaica.	4	4	4	Bermuda, Hawaii, N.Y., P.R.
<i>Gossypium</i> sp. (cotton; lint).....	Jamaica.....	1	1	1	Fla.
<i>Gossypium</i> sp. (cottonseed).....	Dominican Republic, Haiti, Mexico, Pakistan, unknown, Venezuela.	18	18	18	Fla., Ga., La. N.J., N.Y., Tex.
<i>Gossypium</i> sp. (seed cotton).....	Brazil, Mexico.....	2	2	2	Fla., Tex.
<i>Hibiscus esculentus</i> (okra).....	Barbados, Brazil, Dominican Republic, Grenada, Liberia.	29	1	1	Fla., N.Y., Pa., P.R.
<i>Pectinophora malvella</i> (Hbn.) (Gelechiidae):					
<i>Althaea rosea</i> (hollyhock) seed.....	England.....	1	1	1	D.C.
<i>Pentalonia nigronervosa</i> Coq. (Aphidae):					
<i>Aechmea bracteata</i>	Hawaii.....	1	1	1	Hawaii.
Airplane.....	West Pacific.....	1	1	1	Hawaii.
<i>Alpinia purpurata</i>	American Samoa, Guam, Hawaii.	9	1	1	Hawaii.
Aquatic plant.....	Peru.....	1	1	1	Fla.
<i>Hedychium coccineum</i> (scarlet gingerlily).....	Guatemala.....	1	1	1	Tex.
<i>Zingiber officinale</i> (ginger).....	Hawaii.....	1	1	1	Calif.*
<i>Pentamerismus oregonensis</i> McG. (Tenuipalpidae):					
Bamboo.....	Japan.....	1	1	1	Hawaii.
<i>Citrus</i> sp. (tree).....	do.....	1	1	1	Hawaii.
<i>Juniperus</i> sp. (leaf of plant).....	do.....	1	1	1	Wash.
<i>Pentodon punctatus</i> (Villers) (Scarabaeidae):					
<i>Ailanthus altissima</i> (tree-of-heaven) seed.....	Italy.....	1	1	1	N.J.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Periphyllus aceris</i> (Koch) (Aphidae):					
<i>Acer pseudoplatanus</i> (European sycamore maple) leaf.	France		1		Mass.
<i>Perkinsiella saccharicida</i> Kirk. (Delphacidae):					
<i>Vanda</i> 'Miss Joachim' (orchid) flower.	Hawaii	1			Hawaii.
<i>Pericopia mabella</i> (Hbn.) (Gelechiidae):					
<i>Althaea rosea</i> (hollyhock) seed pod.	Poland			1	N.Y.
<i>Phaeocatantops decoratus</i> (Gerst.) (Acrididae):					
Food (for bird).	Mozambique	1			N.Y.
<i>Phalonia zephyrana</i> (Treit.) (Phaloniidae):					
<i>Daucus carota</i> var. <i>sativa</i> (carrot).	Italy		2		Pa.
<i>Pheidole megacephala</i> (F.) (Formicidae):					
<i>Alpinia purpurata</i> .	Hawaii	3			Hawaii.
<i>Ananas comosus</i> (pineapple).	British Honduras, Hawaii, Nigeria, Philippines, Puerto Rico.	6			Fla., Hawaii, Mass., N.Y., P.R.
<i>Brassarola nodosa</i> (orchid) plant.	British Honduras			1	Fla.
Clothing.	Haiti	1			Fla.
<i>Cocos nucifera</i> (coconut).	Fiji	1			Calif.*
<i>Cucumis</i> sp. (leaf).	Dominican Republic	1			N.Y.
<i>Dendrobium</i> sp. (orchid) flower.	Hawaii	1			Hawaii.
Flowers.	do.	1			Hawaii.
<i>Gladiolus</i> sp.	Japan		1		Hawaii.
Herb.	Dominican Republic	1			N.Y.
<i>Ipomoea batatas</i> (sweetpotato).	do.	1			N.Y.
<i>Iroa</i> sp.	Fiji	1			Hawaii.
<i>Leptotes</i> sp. (orchid).	St. Martin			1	P.R.
<i>Mangifera indica</i> (mango).	Hawaii	1			Hawaii.
Orchid.	Australia, British Honduras, Honduras, Madagascar.			9	Calif.,* Fla., N.Y.
<i>Persea americana</i> (avocado).	Dominican Republic	1			N.Y.
<i>Plumeria</i> sp. (frangipani).	Hawaii			1	Calif.*
<i>Zingiber officinale</i> (ginger).	Canal Zone, Fiji	2			Fla., Hawaii.
<i>Phelomerus aberrans</i> (Sharp) (Bruchidae):					
<i>Cassia leptophylla</i> (seed).	Brazil			1	Fla.
Legume (dry pod).	Mexico	1			Tex.
<i>Tamarindus indica</i> (tamarind) pod.	do.	1			Ariz.
<i>Phelypera distigma</i> Boh. (Curculionidae):					
Orchid (plant).	do.			1	Tex.
<i>Phera centrolineata</i> (Sign.) (Cicadellidae):					
<i>Yucca</i> sp.	do.			1	Tex.
<i>Phlyctinus callosus</i> Boh. (Curculionidae):					
<i>Vitis</i> sp. (grape).	Republic of South Africa.	12	1		Mass., N.Y.
<i>Pholidoforus advena</i> Zimmerman (Curculionidae):					
Mail.	Hawaii	1			Hawaii.
<i>Phytomyza rufoipes</i> Meig. (Agromyzidae):					
<i>Brassica oleracea</i> var. <i>botrytis</i> (cauliflower).	Belgium, England, France, Germany.		4		N.Y., Pa., Tex.
<i>B. oleracea</i> var. <i>capitata</i> (cabbage).	England.		1		Md.
<i>Cichorium endivia</i> (endive).	Belgium	1			N.Y.
<i>Raphanus sativus</i> (radish).	Denmark, unknown.		6		N.Y.
<i>Pieris brassicae</i> (L.) (Pieridae):					
<i>Brassica oleracea</i> var. <i>capitata</i> (cabbage).	France, Italy.		2		Mich., N.Y.
Military cargo (with conex box).	Azores, Morocco.	2			La.
<i>Pinnaspis buxi</i> (Bouché) (Coccidae):					
<i>Cordylone terminalis</i> (tl).	Hawaii	1			Hawaii.
<i>Platoceticus symmicta</i> Dyar (Psychidae):					
<i>Musa X paradisiaca</i> (banana).	Ecuador	1			La.
<i>Platynota rostrana</i> (Wlk.) (Tortricidae):					
<i>Capicum annuum</i> (pepper).	Puerto Rico.	1			P.R.
<i>Dianthus caryophyllus</i> (carnation) cut.	Brazil		1		N.Y.
<i>Plemetiella abietina</i> Seitner (Cecidomyiidae):					
<i>Picea abies</i> (Norway spruce) seed.	Denmark			1	N.J.
<i>P. glauca</i> (white spruce) seed.	Austria, Denmark.			3	N.J.
<i>Polydesma umbricola</i> Bsd. (Noctuidae):					
Airplane.	Japan		1		Hawaii.
Mail (parcel).	Hawaii	1			Hawaii.
<i>Polytus mellerbergii</i> (Boh.) (Curculionidae):					
<i>Musa</i> sp. (banana) plant.	do.			1	Hawaii.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Porphyrobaphe iostoma</i> (Sowerby) (Bulimulidae): <i>Musa X paradisiaca</i> (banana).....	Ecuador.....	2			Fla.
<i>Praticolella berlandieriana</i> (Moricand) (Polygyridae): <i>Aechmea</i> sp. (plant).....	Mexico.....			1	Tex.
<i>Prays fulvocanellus</i> Wlsm. (Yponomeutidae): <i>Felea anisata</i> (berry lei).....	Hawaii.....	1			Hawaii.
<i>Prays oleellus</i> (F.) (Yponomeutidae): <i>Olea europaea</i> (olive).....	Greece, Italy.....	3			N. Y.
<i>Premnotypes latithorax</i> (Pierce) (Curculionidae): <i>Solanum tuberosum</i> (potato).....	Bolivia.....	1			Fla.
<i>Prepiella aurea</i> (Btlr.) (Arctiidae): <i>Musa X paradisiaca</i> (banana).....	Ecuador.....	2			Fla.
<i>Prodecatoma philodendri</i> Ferr. (Eurytomidae): <i>Philodendron</i> sp. (seed).....	Brazil.....			2	Fla.
<i>Prodenia litura</i> (F.) (Noctuidae): Airplane.....	Unknown.....		1		Hawaii.
<i>Beta vulgaris</i> (beet).....	Israel.....		1		N. Y.
<i>Capsicum annuum</i> (pepper).....	do.....		1		N. Y.
Cargo.....	Philippines.....	1			Hawaii.
<i>Protopulvinaria pyrifomis</i> (Ckll.) (Coccidae): <i>Gardenia jasminoides</i> (leaf).....	El Salvador.....	1			Calif.*
<i>Pseudacysta perseae</i> (Heid.) (Tingidae): <i>Persea</i> sp. (leaf).....	Mexico.....	1			Calif.
<i>Pseudaonia claviger</i> Ckll. (Coccidae): <i>Gardenia jasminoides</i> (cut flower).....	Hawaii.....	2			Hawaii.
<i>Pseudischnaspis alienus</i> (Newst.) (Coccidae): Orchid (plant).....	British Honduras.....			1	Fla.
<i>Pseudischnaspis bowreyi</i> (Ckll.) (?) (Coccidae): Orchid (plant).....	Mexico.....			1	Calif.*
<i>Pseudischnaspis longissima</i> (Ckll.) (Coccidae): <i>Mangifera indica</i> (mango).....	Guatemala, Mexico.....	3	2		Calif.*
<i>Pseudococcus gahani</i> Green (Coccidae): <i>Cucurbita pepo</i> (pumpkin).....	Brazil.....		1		Calif.*
<i>Musa</i> sp. (stem).....	Hawaii.....		1		Calif.*
<i>Pseudococcus lilacinus</i> Ckll. (Coccidae): <i>Achras zapota</i> (sapodilla) stem.....	Philippines.....		1		Hawaii.
<i>Lantium domesticum</i> (langsat).....	do.....	1			Hawaii.
<i>Quisqualis indica</i> (Rangoon creeper) fruit and stem.....	do.....	1			Hawaii.
<i>Pseudococcus neobrevipes</i> (Beardsley) (Coccidae): <i>Annona reticulata</i> (custard-apple).....	do.....	1			Hawaii.
Cactus (flower).....	Hawaii.....			1	Hawaii.
<i>Pseudococcus oceanicus</i> Tak. (Coccidae): <i>Cocos nucifera</i> (coconut).....	do.....	3			Hawaii.
<i>Pseudococcus palmarum</i> (Ehrh.) (Coccidae): <i>Cocos nucifera</i> (coconut) cap and leaf.....	do.....	2			Calif.*
<i>Pseudopachymerus lallemandi</i> (Mars.) (Bruchidae): <i>Acacia</i> sp. (seed).....	Italy.....	1			N. Y.
<i>Pseudoparlatoria serrulata</i> Towns. & Ckll. (Coccidae): Orchid.....	Ecuador, Guatemala.....			4	Calif.*
<i>Pseudothrips glaucus</i> Bagnall (Thripidae): <i>Protea</i> sp.....	Republic of South Africa.....	1			N. Y.
<i>Pulvinaria psidii</i> Mask. (Coccidae): <i>Alpinia purpurata</i> (cut flower).....	Hawaii, Tahiti.....	28			Hawaii.
<i>Gardenia jasminoides</i> (cut flower).....	Hawaii.....	46	1		Hawaii.
<i>Zingiber officinale</i> (ginger) cut flower.....	do.....	1			Calif.*
<i>Pyropotosia pryeri</i> (Jans.) (Scarabaeidae): Clothing.....	Unknown.....	1			Alaska.
<i>Reticulitermes flavipes</i> (Koll.) (Rhinotermitidae): Clothing.....	Mexico.....	1			Tex.
<i>Dioon purpusii</i> (Furpus dioon).....	do.....			1	Tex.
<i>Saccharum officinarum</i> (sugarcane).....	do.....	1			Tex.
<i>Reticulitermes tibialis</i> Banks (Rhinotermitidae): <i>Tillandsia usneoides</i> (treebeard).....	do.....	1			Calif.
<i>Retinella hammonis</i> (Ström) (Zonitidae): Soil.....	Ireland.....	1			Mass.
Soil with <i>Betula</i> sp. (birch).....	Italy.....			1	N. Y.
Soil with potted plants.....	Germany.....			1	N. J.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Rhagoletis alternata</i> (Fall.) (?) (Tephritidae):					
<i>Rosa</i> sp. (cherry)	Czechoslovakia	1			N.Y.
<i>Rhagoletis cerasi</i> (L.) (Tephritidae):					
<i>Prunus avium</i> (Mazzard cherry)	Germany, unknown	1	1		Fla., Ill.
<i>P. cerasus</i> (sour cherry)	Europe (country(?)), Germany	36	55		N.Y.
<i>Prunus</i> sp. (cherry)	Azores, Europe (country(?)), France, Germany, Israel, Italy, Poland, Portugal, Spain, unknown.	53	40		Calif., * Ill., Mass., Mich., N.J., N.Y., Pa., P.R.
<i>Rhagoletis cerasi</i> (L.) (?) (Tephritidae):					
<i>Prunus</i> sp. (cherry)	Turkey		1		N.Y.
<i>Rhinostomus barbirostris</i> (F.) (Curculionidae):					
<i>Chamaedorea</i> sp. (palm) leaf	Mexico	1			Tex.
<i>Rhopalosiphoninus tulipaellus</i> (Theob.) (Aphidae):					
<i>Gladiolus</i> sp. (corm)	Italy			1	Mich.
<i>Rhopalosiphum rufiabdominalis</i> (Sasaki) (?) (Aphidae):					
<i>Rhododendron</i> sp. (azalea)	Japan			1	Hawaii.
<i>Rhynchophorus palmarum</i> (L.) (Curculionidae):					
<i>Cocos nucifera</i> (coconut) tree	Mexico			1	Tex.
Quarters	Unknown		1		Fla.
<i>Rumina decollata</i> (L.) (Achatinidae):					
Military cargo	Morocco	1			N.Y.
<i>Scantius forsteri</i> (F.) (Pyrrhocoridae):					
<i>Vitis</i> sp. (grape)	Republ. of South Africa	1	1		N.Y.
<i>Schneidereria pistaciella</i> Weber (Gelechiidae):					
<i>Pistacia</i> sp. (pistache) green nut	Greece, Italy	2			N.Y.
<i>Selenothrips rubrocinctus</i> (Gladst.) (Thripidae):					
<i>Coccoloba</i> sp. (sea grape) leaf	Bermuda			1	N.Y.
<i>Cocos nucifera</i> (coconut) plant	Palmyra Island			1	Hawaii.
<i>Codiaeum variegatum</i> (variegated croton)	Hawaii	1			Hawaii.
<i>Sennius probus</i> (Shp.) (?) (Bruchidae):					
<i>Cassia occidentalis</i> (coffee senna)	Jamaica			1	D.C.
<i>Sesamia cretica</i> Led. (Noctuidae):					
<i>Sorghum vulgare</i> var. <i>technicum</i> (broomcorn)	Greece, Italy, Spain	3	2		Md., N.Y., Ohio.
<i>Zea mays</i> (corn) ear and husk	Italy, unknown	2		1	N.Y.
<i>Sesamia nonagriodes</i> (Lef.) (Noctuidae):					
Baggage (with <i>Castanea</i> sp. (chestnut))	Portugal, Spain	2			N.Y., P.R.
<i>Sinoxylon anale</i> Lesne (Bostrichidae):					
Cargo	India		1		Ala.
<i>Swietenia mahagoni</i> (mahogany) dowel	Unknown	1			La.
Wood (crate)	India, Pakistan	3			La., N.Y.
<i>Sinoxylon conigerum</i> Gerst. (Bostrichidae):					
<i>Anthurium</i> sp.	Hawaii	1			Hawaii.
Baggage	do	1			Hawaii.
<i>Samanea</i> sp. (lumber)	do	1			Hawaii.
Wood (crate)	Ceylon, India, Zanzibar	3			Calif., * Md., N.Y.
<i>Siphanta acuta</i> (Wlk.) (Flatidae):					
Flowers	Hawaii	2			Hawaii.
<i>Sisamnes contractus</i> Dist. (Lygaeidae):					
Bromeliad	Mexico			1	Tex.
<i>Sitona cylindricollis</i> Fahr. (Curculionidae):					
Stores	Unknown		1		Mich.
<i>Sitona hispidula</i> (F.) (Curculionidae):					
Dunnage	do		3		Wis.
Nursery stock	Netherlands			1	N.J.
Quarters	Unknown		1		Mich.
<i>Scabiosa graminifolia</i> (grassleaf scabious)	England			1	Ill.
<i>Sitona humeralis</i> Steph. (Curculionidae):					
<i>Apium graveolens</i> var. <i>dulce</i> (celery)	Italy		1		N.Y.
<i>Sitona lineata</i> (L.) (Curculionidae):					
<i>Ampelopsis</i> sp. (plant)	Netherlands			1	N.J.
<i>Dianthus caryophyllus</i> (carnation)	do	1			N.Y.
Flour	Canada		1		Ohio.
<i>Freesia</i> sp. (cut flower)	Netherlands	1			N.Y.
Nursery stock	do			13	N.J.
<i>Rhododendron</i> sp.	do			1	N.J.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Sogata orizicola</i> Muir (Delphacidae): Airplane	Nicaragua		3		P.R.
<i>Solaropsis monile</i> (Broderip) (Camaenidae): <i>Musa</i> × <i>paradisica</i> (banana)	Ecuador	2			Fla., La.
<i>Spanioneura fonscolombei</i> Foerst. (Psyllidae): Flowers	England		2		Wash.
<i>Spanogonicus albofasciatus</i> (Reuter) (Miridae): <i>Medicago sativa</i> (alfalfa)	Mexico	1			Tex.
<i>Sphenarches caffer</i> (Zell.) (Pterophoridae): <i>Cajanus cajan</i> (pigeonpea)	Dominican Republic, Puerto Rico.	3			N.Y., P.R.
<i>Dolichos lablab</i> (hyacinth bean)	Trinidad	1			N.Y.
<i>Sphingonotus rubescens</i> (Walk.) (Acrididae): Airplane	Morocco		1		Fla.
<i>Spodoptera mauritia acronyctoides</i> (Guen.) (Noctuidae): Airplane	China, Guam, Okinawa(?), West Pacific, unknown.		6		Hawaii.
<i>Spodoptera pecten</i> Guen. (Noctuidae): Airplane	Japan, unknown		6		Hawaii.
<i>Stator limbatus</i> (Horn) (Bruchidae): Airplane	Hawaii		1		Hawaii.
<i>Enterolobium</i> sp. (earpod tree) pod	do.	1			Hawaii.
<i>Leucaena leucocephala</i> (white popinac leadtree) seed.	do.	1			Hawaii.
<i>Pithecellobium dulce</i> (guamachil apes-earring)	Mexico	1			Ariz.
<i>Pithecellobium</i> sp. (seed)	Hawaii			1	Calif.*
Plant material (dry)	do.	1			Hawaii.
<i>Samanea saman</i> (rain tree saman)	do.	2			Hawaii.
<i>Stator pruinus</i> (Horn) (Bruchidae): Seed—Unidentified	do.	1			Hawaii.
<i>Stenotarsonemus laticeps</i> (Halb.) (Tarsonemidae): <i>Narcissus</i> sp. (bulb)	England, Ireland			141	N.J.
<i>Stenomoma catenifer</i> Wism. (Stenomomidae): <i>Persea americana</i> (avocado)	British Honduras, Colombia, Costa Rica, Ecuador, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, Panama, Peru, unknown, Venezuela.	38	4	2	Ala., Calif.,* Fla., La., N.Y., S.C., Tex.
<i>P. americana</i> var. <i>drymifolia</i> (Mexican avocado).	Mexico	1			Tex.
<i>Stenoptilia stigmatodactyla</i> Zell. (Pterophoridae): <i>Gentiana</i> sp. (gentian) cut flower	Switzerland	2			N.Y.
<i>Stephanoderes hampei</i> (Ferr.) (Scolytidae): <i>Coffea arabica</i> (Arabian coffee) berry	Brazil	1		1	N.Y.
<i>Coffea</i> sp.	Formosa, Republic of South Africa, unknown.	4			Hawaii, Mich., N.J., Va.
<i>Sternonchetus mangiferae</i> (F.) (Curculionidae): <i>Mangifera indica</i> (mango)	Hawaii, India	55	1	5	Calif.,* Hawaii, N.Y.
<i>Sterrhia inquinata</i> (Scop.) (Geometridae): <i>Opuntia humifusa</i> (pricklypear) flower	Italy	1			N.Y.
<i>Subulina octona</i> (Brug.) (Achatinidae): <i>Mirabilis jalapa</i> 'Marvel-of-Peru' (four-o'clock) seed.	Netherlands			1	Pa.†
Orchid (plant)	Peru			1	Fla.
<i>Suidasia medianensis</i> Oud. (Acaridae): <i>Gossypium</i> sp. (cottonseed)	India			1	N.Y.
<i>Pluchea odorata</i>	Philippines	1			Hawaii.
<i>Sybra alternans</i> (Wied.) (Cerambycidae): <i>Anthurium</i> sp. (cut flower)	Hawaii	1			Hawaii.
Baggage	do.	1			Hawaii.
<i>Lycopodium cernuum</i> (staghorn clubmoss)	do.	1			Hawaii.
<i>Plumeria rubra</i> (Mexican frangipani)	do.			1	Hawaii.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Sylepta balteata</i> (F.) (Pyraustidae):					
Airplane	Unknown		1		Hawaii.
<i>Syngamia florella</i> (Cram.) (Pyraustidae):					
Airplane	Cuba		1		Fla.
<i>Syntomis cyssea</i> (Cr.) (Ctenuchidae):					
Debris	India		1		Va.
<i>Taeniothrips atratus</i> (Hal.) (Thripidae):					
Anemone sp. (cut flower)	England	1			N.Y.
Aster sp. (cut flower)	Europe (country(?)), Germany.	1	1		N.Y.
<i>Bellis</i> sp. (daisy) cut flower	Sweden(?)		1		N.Y.
<i>Calluna vulgaris</i> (heather) cut stems	England, Germany, Ireland, Norway, Scotland.	7			N.Y.
<i>Centaurea cyanus</i> (cornflower)	Belgium, England	2			Ill., N.Y.
<i>Chrysanthemum</i> sp. (cut flower)	England, Scotland	1	1		N.Y.
<i>Crocus</i> sp. (cut flower)	England	1			N.Y.
<i>Dahlia</i> sp. (cut flower)	Ireland, Netherlands, unknown.	2	1		N.Y.
<i>Dianthus barbatus</i> (sweetwilliam)	England	2			Mass., N.Y.
<i>D. caryophyllus</i> (carnation)	Denmark, England, Europe (country(?)), Germany, Hungary, Ireland, Netherlands, Poland, Scotland, unknown, Yugoslavia.	29	10		Ill., Mass., N.J., N.Y., Pa., Wash.
Flowers	Denmark, England, Germany, Netherlands, unknown.	3	6		Calif., * N.J., N.Y., Wash.
<i>Gladiolus</i> sp. (cut flower)	Ireland	1			N.Y.
<i>Lathyrus odoratus</i> (sweetpea) cut flower	Germany, Norway, unknown.	2	3		N.Y.
<i>Lupinus</i> sp. (lupine) cut flower	Unknown		1		N.Y.
Nursery stock	Netherlands			4	N.J.
<i>Ornithogalum</i> sp.	do.	1			N.Y.
<i>Phlox</i> sp. (cut flower)	England		1		N.Y.
<i>Rosa</i> sp. (cut flower)	Czechoslovakia, Denmark, England, Germany, Ireland, Poland, Sweden, unknown.	12	3		Ill., N.Y.
Soil with unidentified plants	Brazil			1	N.Y.
<i>Taeniothrips dianthi</i> Priesner (Thripidae):					
<i>Dianthus caryophyllus</i> (carnation) cut	Belgium, Europe (country(?)), Germany, Hungary, Poland.	5	4		Ill., N.Y.
<i>Taeniothrips discolor</i> (Karny) (Thripidae):					
<i>Gerbera</i> sp. (cut flower)	Israel	1			Ill.
<i>Taeniothrips ericae</i> (Hal.) (Thripidae):					
<i>Calluna vulgaris</i> (heather) cut stem and plant	England, Germany, Ireland, Norway, Poland, Scotland.	16	2		Ill., N.Y., Pa.
<i>Rosa</i> sp. (cut flower)	Hungary	1			N.Y.
<i>Solanum tuberosum</i> (potato)	England	1			Hawaii.
<i>Taeniothrips eucharis</i> (Whetzel) (Thripidae):					
<i>Lycoris albiflora</i> (bulb)	Japan			1	N.Y.
<i>L. aurea</i> (golden lycoris) bulb	do.			3	N.Y.
<i>L. radiata</i> (shorttube lycoris) bulb	do.			4	N.Y.
<i>L. sanguinea</i> (orange lycoris) bulb	do.			1	N.Y.
<i>L. squamigera</i> (autumn lycoris) bulb	do.			4	N.Y.
<i>Lycoris</i> sp. (bulb)	do.			6	Calif., * N.J., N.Y., N.C.
<i>Narcissus</i> sp. (bulb)	do.			1	N.Y.
<i>Taeniothrips hawaiiensis</i> (Morg.) (Thripidae):					
<i>Canavalia</i> sp. (mauna loa) lei	Hawaii	1			Calif., *
<i>Gardenia jasminoides</i>	do.	10			Hawaii.
<i>Vanda</i> 'Miss Joachim' (orchid) flower	do.	1			Hawaii.
<i>Taeniothrips picipes</i> (Zett.) (Thripidae):					
<i>Dianthus caryophyllus</i> (carnation) cut	Spain	1			N.Y.
<i>Prosopis nigra</i> (cut flower)	Argentina	1			N.Y.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Talponia batesi</i> Hein. (Olethreutidae):					
<i>Annona cherimola</i> (cherimoya).....	Mexico	6		1	Tex.
<i>A. muricata</i> (sour sop).....	Dominican Republic		1		Pa.
<i>Annona</i> sp. (seed).....	Mexico	2			Tex.
" <i>Targionia</i> " <i>hartii</i> (Ckll.) (Coccidae):					
<i>Dioscorea alata</i> (winged yam) root.....	Ghana			1	D.C.
<i>Zingiber officinale</i> (ginger).....	Fiji, Japan	10			Calif.,* Hawaii.
<i>Teleogryllus mitratus</i> (Burm.) (Gryllidae):					
Airplane.....	Japan		1		Hawaii.
Mail (sack).....	do	1			Hawaii.
<i>Teleonemia prolixa</i> Stal (Tingidae):					
<i>Chrysanthemum</i> sp. (cut flower).....	Mexico	1			Ariz.
<i>Tenthoris exilis</i> (Dist.) (Miridae):					
Orchid (plant).....	Brazil			1	Fla.
<i>Tephritis conura</i> Loew (Tephritidae):					
<i>Cirsium</i> sp. (thistle) flower head.....	Sweden			1	Va.
<i>Tetranychus cinnabarinus</i> (Bois.) (Tetranychidae):					
<i>Dianthus caryophyllus</i> (carnation) cut.....	Mexico	1			Tex.
<i>Fragaria</i> sp. (strawberry) plant.....	do			1	Calif.
<i>Tetranychus viennensis</i> Zacher (Tetranychidae):					
<i>Malus sylvestris</i> (apple).....	Hungary, Japan	2			Hawaii, Tex.
<i>Theba pisana</i> (Müller) (Helicidae):					
Airplane.....	Spain		1		Fla.
<i>Allium porrum</i> (leek).....	Portugal		1		N.Y.
Automobile.....	France, Libya	3			Ohio, S.C.
<i>Citrus sinensis</i> (sweet orange).....	Morocco	1			Va.
Crate.....	Portugal, Spain	2			Calif.,* Del.
Flowers.....	France	1			Ill.
<i>Lactuca sativa</i> (lettuce).....	France, Italy, Morocco		4		N.Y.
<i>Lilium candidum</i> (Madonna lily).....	Unknown	1			N.Y.
Military cargo.....	Azores, Crete, Italy, Libya, Morocco, Spain, unknown.	39			La., Mass., N.Y., N.C., S.C., Va.
<i>Mirabilis jalapa</i> (four-o'clock) seed.....	France, Netherlands			2	Pa.
Plant material (dry).....	France	1			Calif.*
<i>Protea</i> sp. (cut flower).....	Republic of South Africa	1			N.Y.
<i>Quercus suber</i> (cork oak).....	Spain	1			Ill.
Stores.....	do		1		S.C.
<i>Thrips angusticeps</i> Uzel (Thripidae):					
<i>Chrysanthemum</i> sp. (cut flower).....	England		1		N.Y.
<i>Citrus</i> sp. (plant).....	Italy			1	N.Y.
<i>Cynara scolymus</i> (artichoke).....	do	1			N.Y.
Flowers.....	Greece			1	N.Y.
<i>Lactuca sativa</i> (lettuce).....	England, Europe (country(?)), France, Italy, unknown.		9		Mass., N.Y.
<i>Matthiola</i> sp. (stock) cut flower.....	Greece	1			N.Y.
<i>Rosmarinus officinalis</i> (rosemary).....	Italy			1	Mass.
Soil with plants.....	do			2	Mass.
<i>Thrips flavus</i> Schrank (Thripidae):					
<i>Anemone</i> sp. (cut flower).....	France	1			N.Y.
<i>Antirrhinum majus</i> (snapdragon) cut.....	England, Ireland	2			N.Y.
<i>Aster</i> sp. (cut flower).....	Germany	1			N.Y.
<i>Calluna vulgaris</i> (heather).....	Germany, Iceland, Ireland, Norway, Scotland.	5	1	1	N.Y.
<i>Chrysanthemum</i> sp. (cut flower).....	England, Scotland, unknown.	3	7		N.Y.
<i>Convallaria majalis</i> (lily-of-the-valley) cut flower.....	England	1			N.Y.
<i>Cynara scolymus</i> (artichoke).....	do	1			N.Y.
<i>Dahlia</i> sp. (cut flower).....	England, Scotland, unknown.	2	1		N.Y.
<i>Dianthus barbatus</i> (sweetwilliam) cut.....	Switzerland		1		N.Y.
<i>D. caryophyllus</i> (carnation).....	Europe (country(?)), Ireland, Poland.	3	1		N.Y.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Thrips flavus</i> Schrank—Continued					
Flowers.....	Denmark, England, Germany, unknown.	1	10	---	Calif.,* N.J., Pa., Wash.
<i>Fragaria</i> sp. (strawberry) plant.....	Switzerland.	---	---	1	N.Y.
<i>Gladiolus</i> sp. (cut flower).....	England, Germany, Poland.	3	---	---	N.Y.
<i>Lathyrus odoratus</i> (sweetpea) cut.....	Scotland.	1	---	---	N.Y.
<i>Lupinus</i> sp. (lupine) cut flower.....	Unknown.	---	1	---	N.Y.
Nursery stock.....	Netherlands.	---	---	3	N.J.
<i>Rosa</i> sp. (cut flower and plant).....	Czechoslovakia, Denmark, England, Finland, Germany, Ireland, Israel, Poland, Switzerland, unknown.	18	3	1	Ill., Mass., N.Y.
<i>Zinnia</i> sp. (cut flower).....	England.	1	---	---	Pa.
<i>Thrips imaginis</i> Bagnall (Thripidae):					
<i>Hyacinthus</i> sp. (cut flower).....	Australia.	---	1	---	Hawaii.
<i>Rosa</i> sp. (cut flower).....	do.	1	---	---	Hawaii.
<i>Thrips major</i> Uzel (Thripidae):					
<i>Bellis</i> sp. (daisy) cut flower.....	Iceland.	---	1	---	N.Y.
<i>Calluna vulgaris</i> (heather).....	Germany.	2	---	---	N.Y., Wash.
<i>Dianthus caryophyllus</i> (carnation).....	Finland, Germany, Greece, Sweden.	3	1	---	Ill., N.Y.
Flowers.....	England, Ireland.	1	2	---	N.Y., Wash.
<i>Gentiana</i> sp. (gentian) cut flower.....	Denmark.	1	---	---	N.Y.
<i>Rosa</i> sp.....	Denmark, England, Finland, Germany, Ireland, Israel, unknown.	12	3	---	Ill., N.Y., Wash.
<i>Thrips nigropilosus</i> Uzel (Thripidae):					
<i>Chrysanthemum</i> sp. (cut flower).....	Japan.	1	---	---	Hawaii.
<i>Thrips pillichi</i> Priesner (Thripidae):					
<i>Chrysanthemum</i> sp. (cut flower).....	England, unknown.	---	3	---	N.Y.
<i>Dahlia</i> sp. (cut flower).....	England.	1	---	---	N.Y.
Flowers.....	England, unknown.	1	7	---	Pa., Wash.
<i>Petroselinum crispum</i> (parsley).....	England.	---	1	---	Wash.
<i>Tipula paludosa</i> Mg. (Tipulidae):					
<i>Arabis</i> sp. (rockcress) plant.....	do.	---	---	1	N.Y.
<i>Tipula scripta</i> Mg. (Tipulidae):					
Airplane.....	Germany.	---	1	---	N.J.
<i>Tortrix excessana</i> (Wlk.) (Tortricidae):					
<i>Malus sylvestris</i> (apple).....	New Zealand.	1	---	---	Hawaii.
<i>Treherniella tibouchinae</i> (Moulton) (Phlaeothripidae):					
<i>Schizolobium parahybum</i> (seed).....	Brazil.	---	---	1	D.C.
<i>Trialeurodes similis</i> Rsl. (Aleyrodidae):					
<i>Citrus</i> sp. (leaf).....	Mexico.	3	---	---	Calif., Tex.
<i>Trialeurodes vitrinellus</i> Ckll. (Aleyrodidae):					
<i>Citrus</i> sp. (leaf).....	do.	1	---	---	Tex.
<i>Trichia hispida</i> (L.) (Helicellidae):					
Soil.....	Ireland.	1	---	---	Mass.
<i>Trigonophora meticolosa</i> (L.) (Noctuidae):					
Packing material (with <i>Aconitum</i> sp.).....	Netherlands.	---	---	1	N.Y.
<i>Trochuda raspa</i> (Druce) (?) (Dioptidae):					
Orchid (plant).....	Mexico.	---	---	1	Tex.
<i>Trogoderma granarium</i> Everts (Dermestidae):					
<i>Acacia senegal</i> (gum arabic).....	Sudan.	59	---	---	N.Y.
<i>Acacia</i> sp. (talha gum).....	do.	1	---	---	N.Y.
<i>Apium graveolens</i> var. <i>dulce</i> (celery) seed.....	India.	2	---	---	N.Y.
<i>Astragalus gummifer</i> (gum tragacanth).....	Iran.	2	---	---	N.Y.
Bagging (including new burlap, used burlap and jute bagging, and wrappers on bales of raw cotton, bales of rubber, black pepper, celery seed, coir yarn, cotton waste, guar gum, gum arabic, gum tragacanth, mangrove bark, monkey food, myrobalan, rice, and tamarind seed powder).	Ceylon, Germany, India, Netherlands, Pakistan, Sudan.	26	1	---	Ga., Ill., Md., N.Y., N.C., Pa., S.C., Tex.
Ballast.....	India.	---	1	---	Minn.
<i>Caesalpinia coriaria</i> (divi-divi) pod.....	Unknown.	1	---	---	Md.
<i>Cajanus cajan</i> (pigeonpea).....	India, Kenya(?), unknown.	---	4	---	N.C., Pa., Tex.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Trogoderma granarium</i> Everts—Continued					
Cargo (in hold of ship and with cotton cloth, crates of glass, and wall board).	France, Germany, India, Iran, Pakistan, unknown.	9	22	---	Ill., Md., Mich., N.C., Ohio, Pa., S.C., Tex.
<i>Cicer arietinum</i> (chickpea).....	India.....	1	---	---	N.Y.
<i>Cinnamomum</i> sp. (cinnamon).....	Seychelles.....	1	---	---	N.Y.
<i>Coriandrum sativum</i> (coriander) seed.....	India.....	---	1	---	Hawaii.
<i>Cuminum cyminum</i> (cumin) seed.....	Iran, Lebanon.....	3	---	---	N.Y.
<i>Cyamopsis tetragonoloba</i> (guar gum).....	India, Pakistan, Sudan.....	13	---	---	N.Y., N.C., S.C.
Debris.....	Formosa, India, Korea, unknown.	---	8	---	Calif.,* Ga., La., Md., Pa.
<i>Foeniculum vulgare</i> (fennel) seed.....	India.....	2	---	---	N.Y., Pa.
<i>Glycine max</i> (soybean).....	Formosa, unknown.....	---	2	---	Wash.
Grain.....	India, unknown.....	---	2	---	Mich., N.Y.
Gum zedou.....	Iran.....	2	---	---	N.Y.
<i>Myristica fragrans</i> (nutmeg).....	Ceylon.....	1	---	---	N.Y.
<i>Oryza sativa</i> (rice).....	Federation of Malaysia, Hong Kong, India, Iran, Japan, Pakistan, Thailand, unknown.	2	16	---	Ala., Calif.,* La., N.Y., N.C., S.C., Wash.
<i>Phaseolus aureus</i> (mung bean).....	Formosa.....	---	1	---	Hawaii.
<i>P. vulgaris</i> cv. (string bean).....	Netherlands.....	---	1	---	Tex.
<i>Pistacia vera</i> (common pistache) nut.....	India.....	1	---	---	Tex.
<i>Pisum sativum</i> (pea).....	France, India, Netherlands.....	---	3	---	Md., Tex.
<i>Plantago ovata</i> (psyllium) husk and seed.....	India.....	3	---	---	N.Y., Pa.
<i>Pyrus</i> sp. (seed).....	Kuwait.....	1	---	---	N.Y.
Quarters (of ship).....	Unknown.....	---	1	---	S.C.
<i>Sterculia urens</i> (gum karaya).....	India.....	11	---	---	N.Y., Pa., Va.
Stores (on storeroom floor and shelves and in chickpea, coriander, pea, pigeonpea, rice, and sugar).	England, Germany, Hong Kong, India, Japan, Pakistan, unknown.	---	15	---	Ga., Hawaii, Md., N.C., Pa., S.C., Tex., Wash.
<i>Tamarindus indica</i> (tamarind) seed powder.....	India.....	3	---	---	Ga., Va.
<i>Terminalia</i> sp. (myrobalan).....	do.....	2	---	---	N.Y., S.C.
<i>Vicia faba</i> (broadbean).....	Unknown.....	---	1	---	Ill.
<i>Trogosyloides aequale</i> (Woll.) (Lyctidae):					
Automobile.....	Mexico.....	1	---	---	Calif.
<i>Rhynchosis pyramidalis</i> ("pego palo").....	Haiti.....	1	---	---	Fla.
Wood (hardwood art carving).....	American Virgin Islands.....	1	---	---	N.Y.
<i>Trogosyloides prostomoides</i> (Gorh.) (Lyctidae):					
Bamboo (basket).....	Mexico.....	1	---	---	Calif.
Wood (mask).....	do.....	1	---	---	Calif.
<i>Tylotropidius gracilipes</i> Brancsik (Acrididae):					
Food (for bird).....	Mozambique.....	1	---	---	N.Y.
<i>Udea ferrugalis</i> (Hbn.) (Pyraustidae):					
<i>Apium graveolens</i> var. <i>dulce</i> (celery).....	Italy.....	---	2	---	N.Y.
<i>Brassica oleracea</i> var. <i>capitata</i>	do.....	---	2	---	N.Y.
<i>Lactuca sativa</i> (lettuce).....	France, Italy.....	---	2	---	N.Y.
<i>Lycopersicon esculentum</i> (tomato).....	Italy.....	---	1	---	N.Y.
<i>Mentha</i> sp. (mint) leaf.....	Portugal.....	1	---	---	N.Y.
<i>Petroselinum crispum</i> (parsley).....	Greece.....	1	---	---	N.Y.
<i>Utopia hovana</i> Lallemand (Cicadellidae):					
Orchid (plant).....	Madagascar.....	---	---	1	N.Y.
<i>Utopia reticulata</i> (F.) (Cicadellidae):					
<i>Calluna vulgaris</i> (heather).....	Denmark, Germany.....	2	---	---	N.Y.
<i>Unaspis citri</i> (Comst.) (Coccidae):					
<i>Citrus aurantifolia</i> (lime).....	Guatemala, Nicaragua, Panama, Brazil, Guatemala, Mexico.....	1	2	---	Calif.*
<i>C. limon</i> (lemon).....	Brazil, Guatemala, Mexico.....	2	2	---	Calif.*
<i>C. paradisi</i> (grapefruit).....	Panama.....	---	2	---	Calif.*
<i>C. reticulata</i> (Mandarin orange).....	Brazil, Ecuador.....	---	2	---	Calif.*
<i>C. sinensis</i> (sweet orange).....	Brazil, Japan, Mexico.....	2	5	---	Calif.*

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Unaspis yanonensis</i> (Kuw.) (Coccidae):					
<i>Citrus aurantifolia</i> (lime).....	Japan.....		2		Hawaii, Wash.
<i>C. aurantium</i> (sour orange).....	do.....		12		Calif., Hawaii, Wash. Calif.
<i>C. ichangensis</i> × <i>C. reticulata</i> var. <i>austr</i> ("yuzu").....	do.....		1		
<i>C. limon</i> (lemon).....	Japan, unknown.....		18		Calif.,* Hawaii, N.Y., Oreg. Calif.,* Hawaii.
<i>C. paradisi</i> (grapefruit).....	Japan.....	3	14		Calif.,* Hawaii, N.Y. Calif.,* Hawaii, N.Y.
<i>C. paradisi</i> × <i>C. reticulata</i> (tangelo).....	do.....		7		
<i>C. reticulata</i> (Mandarin orange).....	Australia, China, Hong Kong, Japan, unknown.....	48	168		Calif.,* Hawaii, N.Y., Oreg. Wash. Hawaii.
<i>C. reticulata</i> cv.....	Hong Kong, Japan.....	5	7		Calif.,* Hawaii, N.Y., Oreg., Wash. Hawaii.
<i>C. sinensis</i> (sweet orange).....	Australia, China, Fiji, Japan, Philippines.....	11	111		
<i>Citrus</i> sp.....	Japan.....	2	16		Calif.,* Hawaii.
<i>Fortunella japonica</i> (Marumi kumquat).....	do.....		2		
<i>Utethesia pulchella</i> (L.) (Arctiidae):					
Airplane.....	West Pacific.....		1		Hawaii.
<i>Vilga dissimilis</i> Dist. (Coreidae):					
Orchid (plant).....	Canal Zone.....			1	Fla.
<i>Vinsonia stelfera</i> (Westw.) (Coccidae):					
<i>Annona muricata</i> (soursop) leaf.....	Dominican Republic.....	2			Fla.
<i>Anthurium</i> sp. (leaf).....	Trinidad.....		1		Fla.
<i>Aspasia epidendroides</i> (orchid) leaf.....	Canal Zone.....		1		Fla.
<i>Brassia caudata</i> (orchid).....	Panama.....		1		Fla.
<i>Brassia</i> sp. (leaf).....	Canal Zone, Panama.....		2		Fla.
<i>Bromeliad</i> (leaf).....	Jamaica.....		1		Fla.
<i>Broughtonia</i> sp. (orchid) leaf.....	Haiti, Jamaica.....		10		Fla.
<i>Cattleya</i> sp. (orchid) leaf.....	Trinidad.....		1		N.J.
<i>Epidendrum fragrans</i> (orchid) leaf.....	Canal Zone.....		1		Fla.
<i>Epidendrum</i> sp. (leaf).....	Antigua, Dominica, unknown.....		4		Fla.
<i>Eugenia jambos</i> (rose-apple) leaf.....	Jamaica.....	1			Fla.
Leaf—unidentified.....	Dominican Republic.....	1			Fla.
<i>Lycaste</i> sp. (orchid) leaf.....	Canal Zone.....			1	Fla.
<i>Maxillaria</i> sp. (orchid) leaf.....	Panama.....			1	Fla.
<i>Notylia barkeri</i> (orchid) leaf.....	do.....			1	Fla.
<i>Oncidium</i> sp. (orchid) leaf.....	do.....			5	Fla.
Orchid (leaf).....	British Honduras, French Guiana, Jamaica, Trinidad, Antigua, Bahamas, British Honduras, Canal Zone, El Salvador, Guatemala, Haiti, Jamaica, Panama, Puerto Rico, Trinidad, unknown, Puerto Rico.....			41	Calif.,* Fla.
Palm (leaf).....	Puerto Rico.....	1			Fla.
<i>Stanhopea</i> sp. (orchid) leaf.....	Canal Zone.....			2	Fla.
<i>Xanthochroina bicolor</i> (LeC.) (Oedemeridae):					
Debris.....	Mexico.....	1			Tex.
<i>Xiphidiopsis lita</i> Heb. (Tettigoniidae):					
<i>Opeculina tuberosa</i> (wood-rose).....	Hawaii.....	1			Hawaii.
<i>Vanda</i> "Miss Joachim" (orchid).....	do.....	1			Hawaii.
<i>Xyloperthella crinitarsis</i> (Imh.) (Bostrichidae):					
Wood (packing board).....	Republic of the Congo.....	3			Md.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consump- tion	Nonentry	Propaga- tion	
<i>Xyloperthella picea</i> (Oliv.) (Bostrichidae): Wood (packing board).....	Angola, Republic of the Congo, West Africa.	3	-----	-----	Md.
<i>Xyloperthodes nitidipennis</i> (Murray) (?) (Bostrichidae): Wood (packing board).....	West Africa.....	1	-----	-----	Md.
<i>Xylopsocus castanoptera</i> (Fairm.) (Bostrichidae): <i>Samanea saman</i> (raintree saman) log.....	Fiji.....	1	-----	-----	Hawaii.
<i>Xylothrips religiosus</i> (Boisd.) (Bostrichidae): <i>Anthurium</i> sp.....	Hawaii.....	1	-----	-----	Hawaii.
Wood (packing board).....	Ceylon.....	1	-----	-----	Md.
<i>Zamagiria dirolophella</i> Dyar (Phycitidae): <i>Achras zapota</i> (sapodilla).....	Honduras.....	-----	1	-----	Fla.
<i>Zeadiatraea lineolata</i> (Wlk.) (Crambidae): Airplane.....	Nicaragua.....	-----	1	-----	P.R.
<i>Saccharum officinarum</i> (sugarcane).....	Bahamas.....	1	-----	-----	Fla.
<i>Zea mays</i> (corn).....	Guatemala.....	1	-----	-----	Tex.

*(An asterisk indicates State inspection)

Hosts and Insects

ACACIA:

- Acanthoscelides spinipes* (Coleoptera)
- Araecerus levipennis* (Coleoptera)
- Ectomyelois ceratoniae* (Lepidoptera)
- Eryptochiamera formosa* (Hemiptera)
- Pseudopachymerus lallemandi* (Coleoptera)
- Trogoderma granarium* (Coleoptera)

ACER:

- Periphyllus aceris* (Homoptera)

ACHRAS:

- Anastrepha ocerisia* (Diptera)
- Pseudococcus lilacinus* (Homoptera)
- Zamagiria dizolophella* (Lepidoptera)

ADENANTHERA:

- Caryedon gonagra* (Coleoptera)

AECHEMEA:

- Pentalonia nigronervosa* (Homoptera)
- Praticolella berlandieriana* (Mollusca)

AGAVE:

- Batrachedra linaria* (Lepidoptera)
- Pachybrachius albocinctus* (Hemiptera)

AILANTHUS:

- Pentodon punctatus* (Coleoptera)

ALEURITES:

- Dacus dorsalis* (?) (Diptera)

ALLIUM CEPA:

- Aceria tulipae* (Acarina)
- Acrolepia assectella* (Lepidoptera)

ALLIUM PORRUM:

- Acrolepia assectella* (Lepidoptera)
- Cochlicella ventrosa* (Mollusca)
- Helicella virgata* (Mollusca)
- Theba pisana* (Mollusca)

ALLIUM SATIVUM:

- Brachycerus albidentatus* (Coleoptera)
- B. algerius* (Coleoptera)
- Cochlicella barbara* (Mollusca)
- Dyspessa ulula* (Lepidoptera)

ALPINIA:

- Pentalonia nigronervosa* (Homoptera)
- Pheidole megacephala* (Hymenoptera)
- Pulvinaria psidii* (Homoptera)

ALTHAEA:

- Pectinophora malvella* (Lepidoptera)
- Pericopia malvella* (Lepidoptera)

AMPELOPSIS:

- Sitona lineata* (Coleoptera)

ANANAS:

- Araecerus levipennis* (Coleoptera)
- Arphnus melanotylus* (Hemiptera)
- Dysdercus obliquus* (Hemiptera)
- Ethelema sobrina* (Coleoptera)
- Ligyrocoris nitidicollis* (Hemiptera)
- Lygaeus pulchellus* (Hemiptera)
- Metamasius hemipterus sericeus* (Coleoptera)
- Pheidole megacephala* (Hymenoptera)

ANEMONE:

- Taeniothrips atratus* (Thysanoptera)
- Thrips flavus* (Thysanoptera)

ANNONA:

- Bephrata maculicollis* (Hymenoptera)
- Cerconota anonella* (Lepidoptera)
- Pseudococcus neobrevipes* (Homoptera)
- Talponia batesi* (Lepidoptera)
- Vinsonia stellifera* (Homoptera)

ANTHURIUM:

- Bradybaena similaris* (Mollusca)
- Ceroplastes rubens* (Homoptera)
- Sinoxylon conigerum* (Coleoptera)
- Sybra alternans* (Coleoptera)
- Vinsonia stellifera* (Homoptera)
- Xylothrips religiosus* (Coleoptera)

ANTIRRHINUM:

- Haplothrips gowdeyi* (Thysanoptera)
- Thrips flavus* (Thysanoptera)

APIUM:

- Euleia heraclei* (Diptera)
- Sitona humeralis* (Coleoptera)
- Trogoderma granarium* (Coleoptera)
- Udea ferrugalis* (Lepidoptera)

ARABIS:

- Lygus rugulipennis* (Hemiptera)
- Tipula paludosa* (Diptera)

ARACHIS:

- Caryedon gonagra* (Coleoptera)

ARCTIUM:

- Ostrinia nubilalis* (Lepidoptera)

ARECA:

- Aspidiotus palmarum* (Homoptera)

ASPASIA:

- Vinsonia stellifera* (Homoptera)

ASTER:

- Frankliniella intonsa* (Thysanoptera)
- Taeniothrips atratus* (Thysanoptera)
- Thrips flavus* (Thysanoptera)

ASTRAGALUS:

- Bruchidius marginalis* (Coleoptera)
- Trogoderma granarium* (Coleoptera)

AVERRHOA:

- Dacus dorsalis* (Diptera)

BAMBOO:

- Asterolecanium bambusae* (Homoptera)
- Chlorophorus annularis* (Coleoptera)
- Eucalendra setulosa* (Coleoptera)
- Myocalandra elongata* (Coleoptera)
- Oryzichilus alliarius* (Mollusca)
- Pentamerismus oregonensis* (Acarina)
- Trogozylon prostomoides* (Coleoptera)

BAMBUSA:

- Asterolecanium bambusae* (Homoptera)

BARRINGTONIA:

- Ectomyelois ceratoniae* (Lepidoptera)

BELLIS:

- Taeniothrips atratus* (Thysanoptera)
- Thrips major* (Thysanoptera)

BETA:

- Gnorimoschema ocellatella* (Lepidoptera)
- Mamestra brassicae* (Lepidoptera)
- Prodenia litura* (Lepidoptera)

BETULA:

- Aceria rudis* (Acarina)
- Argyroplote lacunana* (Lepidoptera)

BILLBERGIA:

- Aleuroplatus variegatus* (Homoptera)

BIXA:

- Acanthoscelides bixae* (Coleoptera)

BLETTIA:

- Nasutitermes chaquimayensis* (Isoptera)

BRASSAVOLA:

- Pheidole megacephala* (Hymenoptera)

BRASSIA:

- Vinsonia stellifera* (Homoptera)

BRASSICA OLERACEA VAR. ACEPHALA:

- Mamestra brassicae* (Lepidoptera)

BRASSICA OLERACEA VAR. BOTRYTIS:

- Arianita arbutorum* (Mollusca)
- Bibio hortulanus* (Diptera)
- Euregistis forficatus* (Lepidoptera)
- Helicella candidula* (Mollusca)
- Helix aspersa* (Mollusca)
- Mamestra brassicae* (Lepidoptera)
- Phytomyza rufipes* (Diptera)

BRASSICA OLERACEA VAR. CAPITATA:

- Cochlicella ventrosa* (Mollusca)
- Eupelitz cuspidata* (Homoptera)
- Euregistis forficatus* (Lepidoptera)
- Helicella variabilis* (Mollusca)
- Mamestra brassicae* (Lepidoptera)
- Milax gagates* (Mollusca)
- Otala lactea* (Mollusca)
- Phytomyza rufipes* (Diptera)
- Pieris brassicae* (Lepidoptera)
- Udea ferrugalis* (Lepidoptera)

BRASSICA RAPA:

- Helicella undatis* (Lepidoptera)

BROMELIAD:

- Anechura vara* (Dermaptera)
- Arphnus melanotylus* (Hemiptera)
- Chrysomphalus personatus* (Homoptera)
- Conotelus mexicanus* (Coleoptera)
- Cylindrocaptus tetralobus* (?) (Coleoptera)
- Drymaeus hegewischi* (Mollusca)
- Galgapha punctijer* (Hemiptera)
- Iridomyrmex iniquus* (Hymenoptera)
- Limax marginatus* (Mollusca)
- Lygaeus pulchellus* (Hemiptera)
- Metamasius hemipterus hemipterus* (Coleoptera)
- Pallantia macula* (Hemiptera)
- Paracosmia tolteca* (Dermaptera)
- Sisamnes contractus* (Hemiptera)

Hosts and Insects—Continued

- BROMELIAD—Continued**
Vinsonia stellifera (Homoptera)
- BROUGHTONIA:**
Vinsonia stellifera (Homoptera)
- BUXUS:**
Eriophyes canestrinii (Acarina)
- CACTUS:**
Ceratitis capitata (Diptera)
Cryptophila apicata (Hemiptera)
Lepidosaphes philococcus (Homoptera)
Pseudococcus neobrevipes (Homoptera)
- CAESALPINIA:**
Trogoderma granarium (Coleoptera)
- CAJANUS:**
Acanthoscelides armitagei (Coleoptera)
Ancylostomia stercora (Lepidoptera)
Caryedon gonagra (Coleoptera)
Fundella pellucens (Lepidoptera)
Maruca testulalis (Lepidoptera)
Sphenarches caffer (Lepidoptera)
Trogoderma granarium (Coleoptera)
- CALLUNA:**
Frankliniella intonsa (Thysanoptera)
Gelechia ericetella (Lepidoptera)
Taeniothrips atratus (Thysanoptera)
T. ericae (Thysanoptera)
Thrips flavus (Thysanoptera)
T. major (Thysanoptera)
Ulopa reticulata (Homoptera)
- CALOCARPUM:**
Anastrepha ludens (Diptera)
- CALOPHYLLUM:**
Ceratitis capitata (Diptera)
Dacus dorsalis (Diptera)
- CAMELLIA:**
Amatissa consorta (Lepidoptera)
- CANAVALIA:**
Cryptophlebia illepidia (Lepidoptera)
Lampides boeticus (Lepidoptera)
Maruca testulalis (Lepidoptera)
Taeniothrips hawaiiensis (Thysanoptera)
- CAPSICUM:**
Ceratitis capitata (Diptera)
Dacus cucurbitae (Diptera)
D. dorsalis (Diptera)
Forficula decipiens (Dermaptera)
Frankliniella sulphurea (Thysanoptera)
Gnorimoschema gudmannella (Lepidoptera)
Ostrinia nubilalis (Lepidoptera)
Platynota rostrana (Lepidoptera)
Prodenia litura (Lepidoptera)
- CARICA:**
Ceratitis capitata (Diptera)
Dacus dorsalis (Diptera)
- CASSIA:**
Aganactes indecora (Lepidoptera)
Caryedon gonagra (Coleoptera)
Ectomyelois ceratoniae (Lepidoptera)
Phetomerus aberrans (Coleoptera)
Sennius probus (?) (Coleoptera)
- CASTANEA:**
Bruchidius gilvus (Coleoptera)
Curculio elephas (Coleoptera)
Laspeyresia splendana (Lepidoptera)
- CATTLEYA:**
Eurytoma orchidearum (Hymenoptera)
Vinsonia stellifera (Homoptera)
- CEDRUS:**
Minthea squamigera (Coleoptera)
- CELOSIA:**
Haplothrips gowdeyi (Thysanoptera)
- CENTAUREA:**
Taeniothrips atratus (Thysanoptera)
- CERATONIA:**
Ectomyelois ceratoniae (Lepidoptera)
- CERATOZAMIA:**
Melanaspis squamae (Homoptera)
- CHAMAECYPARIS:**
Brevipalpus obovatus (Acarina)
- CHAMAEDOREA:**
Aleuroplatus variegatus (Homoptera)
Asterolecanium epidendri (Homoptera)
Calyptoccephala gerstaeckeri (Coleoptera)
Carystoides basochei replana (Lepidoptera)
C. lebbaeus (Lepidoptera)
Coelonertus nigrirostris (Coleoptera)
- Labia arcuata* (Dermaptera)
Parisoschoenus expositus (Coleoptera)
P. flavotimbatus (Coleoptera)
Rhinostomus barbirostris (Coleoptera)
- CHRYSANthemUM:**
Bryobia eharri (Acarina)
Conotelus mexicanus (Coleoptera)
Frankliniella formosae (Thysanoptera)
F. schultzei (Thysanoptera)
Haplothrips gowdeyi (Thysanoptera)
Taeniothrips atratus (Thysanoptera)
Teleonemia proliza (Hemiptera)
Thrips angusticeps (Thysanoptera)
T. flavus (Thysanoptera)
T. nigropilosus (Thysanoptera)
T. pillichi (Thysanoptera)
- CIBOTIUM:**
Orychilus allarius (Mollusca)
- CICER:**
Bruchus tristis (Coleoptera)
Trogoderma granarium (Coleoptera)
- CICORIUM:**
Helicella variabilis (Mollusca)
Phytomyza rufipes (Diptera)
- CINNAMOMUM:**
Trogoderma granarium (Coleoptera)
- CIRSIUM:**
Tephritis conura (Diptera)
- CITRUS AURANTIFOLIA:**
Aleurocanthus woglumi (Homoptera)
Anastrepha ludens (Diptera)
Brevipalpus obovatus (Acarina)
Chrysomphalus albopictus (Homoptera)
C. personatus (Homoptera)
Morganella longispina (Homoptera)
Parlatoria cinerea (Homoptera)
Unaspis citri (Homoptera)
U. yanonensis (Homoptera)
- CITRUS AURANTIUM:**
Aleurocanthus woglumi (Homoptera)
Parlatoria citri (Homoptera)
P. zizyphus (Homoptera)
Unaspis yanonensis (Homoptera)
- CITRUS GRANDIS:**
Parlatoria cinerea (Homoptera)
- CITRUS I CHANGENSIS X C. RETICULATA**
 VAR. AUSTRA:
Unaspis yanonensis (Homoptera)
- CITRUS LIMON:**
Aspidiotus putearis (Homoptera)
Brevipalpus chilensis (Acarina)
Parlatoria cinerea (Homoptera)
P. zizyphus (Homoptera)
Unaspis citri (Homoptera)
U. yanonensis (Homoptera)
- CITRUS MITIS:**
Ceratitis capitata (Diptera)
Parlatoria zizyphus (Homoptera)
- CITRUS PARADISI:**
Anastrepha ludens (Diptera)
Aonidiella citrina (Homoptera)
Ceratitis capitata (Diptera)
Morganella longispina (Homoptera)
Parlatoria cinerea (Homoptera)
P. zizyphus (Homoptera)
Unaspis citri (Homoptera)
U. yanonensis (Homoptera)
- CITRUS PARADISI X C. RETICULATA:**
Parlatoria zizyphus (Homoptera)
Unaspis yanonensis (Homoptera)
- CITRUS RETICULATA:**
Anastrepha ludens (Diptera)
Aspidiotus diffinis (Homoptera)
Ceratitis capitata (Diptera)
Parlatoria cinerea (Homoptera)
P. citri (Homoptera)
P. zizyphus (Homoptera)
Unaspis citri (Homoptera)
U. yanonensis (Homoptera)
- CITRUS RETICULATA CV.:**
Unaspis yanonensis (Homoptera)
- CITRUS SINENSIS:**
Aleurocanthus woglumi (Homoptera)
Anastrepha ludens (Diptera)
Aonidiella citrina (Homoptera)

Hosts and Insects—Continued

CITRUS SINENSIS—Continued

- Aspidiotus ericisus* (Homoptera)
Ceratitis capitata (Diptera)
Chrysomphalus personatus (Homoptera)
Cryptoblabes gnidiella (Lepidoptera)
Ectomyelois ceratoniae (Lepidoptera)
Parlatoria chinerea (Homoptera)
P. citri (Homoptera)
P. zizyphus (Homoptera)
Theba pisana (Mollusca)
Unaspis citri (Homoptera)
U. yanonenensis (Homoptera)

CITRUS SINENSIS VAR. SHAMUTI:
Ceratitis capitata (Diptera)

CITRUS SP.:

- Aleurocanthus woglumi* (Homoptera)
Aleuroparadozus gardeniae (Homoptera)
Aleurotuberculatus aucubae (Homoptera)
Dialeurodes citrifolii (Homoptera)
Parlatoria zizyphus (Homoptera)
Pentamerismus oregonensis (Acarina)
Thrips angusticeps (Thysanoptera)
Trialeurodes similis (Homoptera)
T. vitrinellus (Homoptera)
Unaspis yanonenensis (Homoptera)

COCOLOBA:

- Selenothrips rubrocinctus* (Thysanoptera)

COCOS:

- Aspidiotus destructor* (Homoptera)
A. excisus (Homoptera)
Chrysomphalus albopictus (Homoptera)
C. personatus (Homoptera)
Diocalandra taitensis (Coleoptera)
Furcaspis oceanica (Homoptera)
Lepidosaphes esakii (Homoptera)
Pheidole megacephala (Hymenoptera)
Pseudococcus oceanicus (Homoptera)
P. palmarum (Homoptera)
Rhynchophorus palmarum (Coleoptera)
Selenothrips rubrocinctus (Thysanoptera)

CODIAEUM:

- Achaea janata* (Lepidoptera)
Lepidosaphes tokionis (Homoptera)
Selenothrips rubrocinctus (Thysanoptera)

COFFEA:

- Aleurocanthus woglumi* (?) (Homoptera)
Anastrepha fraterculus (?) (Diptera)
Ceratitis capitata (Diptera)
Coccus viridis (Homoptera)
Stephanoderes hampei (Coleoptera)

COLA:

- Ceratitis colae* (?) (Diptera)

COLOCASIA:

- Bradybaena similis* (Mollusca)

COLUBRINA:

- Amblycerus reticulatus* (Coleoptera)

CONVALLARIA:

- Thrips flavus* (Thysanoptera)

CORDYLINE:

- Bradybaena similis* (Mollusca)
Limax marginatus (Mollusca)
Pinnaspis buzi (Homoptera)

CORIANDRUM:

- Trogoderma granarium* (Coleoptera)

CORYLUS:

- Curculio nucum* (Coleoptera)

CRASSULA:

- Cerodontha denticornis* (Diptera)

CRATAEGUS:

- Aleurotuberculatus aucubae* (Homoptera)
Euproctis similis (Lepidoptera)

CROCUS:

- Taeniothrips atratus* (Thysanoptera)

CUCUMIS:

- Dacus cucurbitae* (Diptera)
Miogryllus convolutus (Orthoptera)
Naupactus xanthographus (Coleoptera)
Pheidole megacephala (Hymenoptera)

CUCURBITA:

- Pseudococcus gahani* (Homoptera)

CUMINUM:

- Trogoderma granarium* (Coleoptera)

CYAMOPSIS:

- Trogoderma granarium* (Coleoptera)

CYCADACEAE:

- Eumaeus debora* (Lepidoptera)

CYCAS:

- Ceroplastes ceriferus* (Homoptera)

CYDONIA:

- Anastrepha ludens* (Diptera)
Ceratitis capitata (Diptera)
Cryptoblabes gnidiella (Lepidoptera)
Ectomyelois ceratoniae (Lepidoptera)

CYMBOPOGON:

- Opogona sacchari* (Lepidoptera)

CYNARA:

- Anuraphis cardui* (Homoptera)
Depressaria erinaceella (Lepidoptera)
Gortyna flavago (Lepidoptera)
Hydroecia xanthenes (Lepidoptera)
Thrips angusticeps (Thysanoptera)
T. flavus (Thysanoptera)

CYTISUS:

- Bruchidius villosus* (Coleoptera)

DAHLIA:

- Frankliniella intonsa* (Thysanoptera)
Haplothrips gowdeyi (Thysanoptera)
Taeniothrips atratus (Thysanoptera)
Thrips flavus (Thysanoptera)
T. pillichi (Thysanoptera)

DALBERGIA:

- Nasutitermes corniger* (Isoptera)

DAUCUS:

- Cecilioides acicula* (Mollusca)
Phalonia zephyrana (Lepidoptera)

DELPHINIUM:

- Conotelus mexicanus* (Coleoptera)

DENDROBIUM:

- Aleurodicus trinidadensis* (Homoptera)
Orchidophilus aterrimus (Coleoptera)
Pheidole megacephala (Hymenoptera)

DESMODIUM:

- Bruchidius caeruleus* (Coleoptera)

DIANTHUS:

- Aphidura pujoli* (Homoptera)
Cacocimorpha pronubana (Lepidoptera)
Frankliniella formosae (Thysanoptera)
F. intonsa (Thysanoptera)
Haplothrips cottei (Thysanoptera)
H. gowdeyi (Thysanoptera)
Platynota rostrana (Lepidoptera)
Sitona lineata (Coleoptera)
Taeniothrips atratus (Thysanoptera)
T. dianthi (Thysanoptera)
T. picipes (Thysanoptera)
Tetranychus cinnabarinus (Acarina)
Thrips flavus (Thysanoptera)
T. major (Thysanoptera)

DIOON:

- Reticulitermes flavipes* (Isoptera)

DIOSCOREA:

- Palaeopus costicollis* (Coleoptera)
"Targionia" hartii (Homoptera)

DIOSPYROS:

- Brevipalpus obovatus* (Acarina)
Ceratitis capitata (Diptera)
Lepidosaphes conchiformis (Homoptera)

DOLICHOS:

- Sphenarches caffer* (Lepidoptera)

ECHINODORUS:

- Aleurodicus iridescens* (Homoptera)

ENCEPHALARTOS:

- Antliarhinus zamiae* (Coleoptera)

ENTADA:

- Araecerus cumingi* (Coleoptera)

ENTEROLOBIUM:

- Stator limbatus* (Coleoptera)

EPIDENDRUM:

- Nasutitermes ephratae* (Isoptera)
Orchidophilus aterrimus (Coleoptera)
Vinsonia stellifera (Homoptera)

ERIOBOTRYA:

- Ectomyelois ceratoniae* (Lepidoptera)

EUGENIA:

- Ceratitis capitata* (Diptera)
Dacus dorsalis (Diptera)
Vinsonia stellifera (Homoptera)

Hosts and Insects—Continued

- EUPHORBIA:**
Aspidiotus capensis (tentative) (Homoptera)
- EUPHORIA:**
Cryptophlebia ombrodelta (Lepidoptera)
- FICUS:**
Ceratitis capitata (Diptera)
Ectomyelois ceratoniae (Lepidoptera)
- FOENICULUM:**
Trogoderma granarium (Coleoptera)
- FORTUNEELLA:**
Parlatoria zizyphi (Homoptera)
Unaspis yanoneus (Homoptera)
- FRAGARIA:**
Frankliniella intonsa (Thysanoptera)
Tetranychus cinnabarinus (Acarina)
Thrips flavus (Thysanoptera)
- FREESIA:**
Sitona lineata (Coleoptera)
- GARDENIA:**
Aleuroparadoxus gardeniae (Homoptera)
Coccus viridis (Homoptera)
Dialeurodes kirkaldyi (Homoptera)
Eucalymnatus tessellatus (Homoptera)
Protopulvinaria pyrifomis (Homoptera)
Pseudonidia claviger (Homoptera)
Pulvinaria psidii (Homoptera)
Taeniothrips hawaiiensis (Thysanoptera)
- GENTIANA:**
Stenoptilia stigmatodactyla (Lepidoptera)
Thrips major (Thysanoptera)
- GERBERA:**
Taeniothrips discolor (Thysanoptera)
- GLADIOLUS:**
Conotelus mexicanus (Coleoptera)
Frankliniella intonsa (Thysanoptera)
F. tenuicornis (Thysanoptera)
Opogona sacchari (Lepidoptera)
Pheidole megacephala (Hymenoptera)
Phopalosiphonius tulipaeillus (Homoptera)
Taeniothrips atratus (Thysanoptera)
Thrips flavus (Thysanoptera)
- GLYCINE:**
Trogoderma granarium (Coleoptera)
- GLYCYRRHIZA:**
Lyctus africanus (Coleoptera)
- GOSSYPIUM:**
Ectomyelois ceratoniae (Lepidoptera)
Mescinia peruella (Lepidoptera)
Orycaenus hyalinipennis (Hemiptera)
Pectinophora gossypiella (Lepidoptera)
Suidasia medanensis (Acarina)
- GYMNOSTACHYUM:**
Coccus viridis (Homoptera)
- HEDERA:**
Ceroplastes rubens (Homoptera)
- HEDYCHUM:**
Pentalonia nigronervosa (Homoptera)
- HEDYSARUM:**
Bruchidius gilvus (Coleoptera)
- HIBISCUS:**
Acrosternum heegeri (Hemiptera)
Pectinophora gossypiella (Lepidoptera)
- HOLMSKIOIDIA:**
Orchidophilus aterrimus (Coleoptera)
- HYACINTHUS:**
Thrips imaginis (Thysanoptera)
- IPOMOEA:**
Cylas formicarius var. (Coleoptera)
C. formicarius elegantulus (Coleoptera)
C. formicarius formicarius (Coleoptera)
C. puncticollis (Coleoptera)
Euscepes postfasciatus (Coleoptera)
Pheidole megacephala (Hymenoptera)
- IXORA:**
Chaetanaphothrips orchidii (Thysanoptera)
Pheidole megacephala (Hymenoptera)
- JASMINUM:**
Aleurotuberculatus jasmini (Homoptera)
Dialeurodes kirkaldyi (Homoptera)
- JUGLANS:**
Ceratitis capitata (?) (Diptera)
Ectomyelois ceratoniae (Lepidoptera)
- JUNIPERUS:**
Oligonychus perditus (Acarina)
Pentamerismus oregonensis (Acarina)
- KHAYA:**
Cordylomera spinicornis (?) (Coleoptera)
- LABURNUM:**
Bruchidius debilis (Coleoptera)
B. villosus (Coleoptera)
- LACTUCA:**
Arianta arbustorum (Mollusca)
Cochlicella ventrosa (Mollusca)
Dactynotus sonchi (Homoptera)
Geomyza tripunctata (Diptera)
Helicella variabilis (Mollusca)
Helix aspersa (Mollusca)
Limax marginatus (Mollusca)
Limothrips denticornis (Thysanoptera)
Mamestra brassicae (Lepidoptera)
Milax gagates (Mollusca)
Theba pisana (Mollusca)
Thrips angusticeps (Thysanoptera)
Udea ferrugalis (Lepidoptera)
- LANSIUM:**
Pseudococcus lilacinus (Homoptera)
- LATHYRUS:**
Bruchus emarginatus (Coleoptera)
B. signaticornis (Coleoptera)
B. tristiculus (Coleoptera)
B. tristis (Coleoptera)
B. viciae (Coleoptera)
Taeniothrips atratus (Thysanoptera)
Thrips flavus (Thysanoptera)
- LENS:**
Bruchidius incarnatus (Coleoptera)
B. meleagrinus (Coleoptera)
Bruchus ervi (Coleoptera)
B. lentis (Coleoptera)
B. signaticornis (Coleoptera)
B. ulicis (Coleoptera)
- LEPTOTES:**
Pheidole megacephala (Hymenoptera)
- LEUCAENA:**
Araecerus levipennis (Coleoptera)
Oxydemus fusiforme (Coleoptera)
Stator limbatus (Coleoptera)
- LILIUM:**
Orchidophilus aterrimus (Coleoptera)
Otala vermiculata (Mollusca)
Theba pisana (Mollusca)
- LITCHI:**
Cryptophlebia ombrodelta (Lepidoptera)
- LUPINUS:**
Taeniothrips atratus (Thysanoptera)
Thrips flavus (Thysanoptera)
- LYCASTE:**
Vinsonia stellifera (Homoptera)
- LYCOPERSICON:**
Ceratitis capitata (?) (Diptera)
Aeoleucinodes elegantalis (Lepidoptera)
Udea ferrugalis (Lepidoptera)
- LYCOPODIUM:**
Sybra alternans (Coleoptera)
- LYCORIS:**
Taeniothrips eucharii (Thysanoptera)
- MACADAMIA:**
Cryptophlebia illepidata (Lepidoptera)
C. ombrodelta (Lepidoptera)
- MALUS:**
Anastrepha ludens (Diptera)
Austrotortrix postvittana (?) (Lepidoptera)
Blastodacna atra (Lepidoptera)
Carpocapsa niponensis (Lepidoptera)
Cenopalpus pulcher (Acarina)
Ceratitis capitata (Diptera)
Lepidosaphes tubulorum (Homoptera)
Ostrinia nubilalis (Lepidoptera)
Tetranychus viennensis (Acarina)
Tortrix excessana (Lepidoptera)
- MAMMEA:**
Anastrepha ludens (Diptera)
- MANGIFERA:**
Anastrepha ludens (Diptera)
A. mombinpraepotans (Diptera)
Aulacaspis tubercularis (Homoptera)
Ceratitis capitata (Diptera)
Cryptoblabes gnidiella (Lepidoptera)
Dacus dorsalis (Diptera)
Pheidole megacephala (Hymenoptera)
Pseudischnaspis longissima (Homoptera)

Hosts and Insects—Continued

MANGIFERA—Continued

Sternonchus mangiferae (Coleoptera)

MATTHIOLA:

Thrips angusticeps (Thysanoptera)

MAXILLARIA:

Asterolecanium epidendri (Homoptera)

Vinsonia stellifera (Homoptera)

MEDICAGO:

Conotelus mexicanus (Coleoptera)

Spanogonicus albofasciatus (Hemiptera)

MENTHA:

Oratus crataegarius (Homoptera)

Udea ferrugalis (Lepidoptera)

MESEMBRYANTHEMUM:

Haplothrips clarisetis (?) (Thysanoptera)

METROSIDEROS:

Ceroplastes rubens (Homoptera)

MIRABILIS:

Cochlicella barbara (Mollusca)

Helicella candidula (Mollusca)

H. elegans (Mollusca)

H. trochoides (Mollusca)

Helix aspersa (Mollusca)

Subulina octona (Mollusca)

Theba pisana (Mollusca)

MOMORDICA:

Dacus cucurbitae (Diptera)

MUSA:

Aspidiotus destructor (Homoptera)

Cosmopolites sordidus (Coleoptera)

Metamasius hemipterus hemipterus (Coleoptera)

M. hemipterus sericeus (Coleoptera)

Platoceticus symmicta (Lepidoptera)

Polytus mellerborgii (Coleoptera)

Porphyrobaphe iostoma (Mollusca)

Prepiella aurea (Lepidoptera)

Pseudococcus gahani (Homoptera)

Solaropsis monile (Mollusca)

MUSCARI:

Helicella variabilis (Mollusca)

MYRISTICA:

Trogoderma granarium (Coleoptera)

NARCISSUS:

Merodon equestris (Diptera)

Stenotarsonemus laticeps (Acarina)

Taeniothrips eucharis (Thysanoptera)

NEOREGELIA:

Aspidiotus palmarum (Homoptera)

NOTHOPANAX:

Parthenothrips dracaenae (Thysanoptera)

NOTYLIA:

Vinsonia stellifera (Homoptera)

OLEA:

Aleurolobus olivinus (Homoptera)

Dacus oleae (Diptera)

Prays oleellus (Lepidoptera)

ONCIDIUM:

Vinsonia stellifera (Homoptera)

OPERCULINA:

Graptostethus manillensis (Hemiptera)

Xiphidopsis lita (Orthoptera)

OPUNTIA:

Ceratitis capitata (Diptera)

Sterrhia inquinata (Lepidoptera)

ORCHID:

Adoretus sinicus (Coleoptera)

Anthonomus albolineatus (Coleoptera)

Arphnus melanotylus (Hemiptera)

Aspidiotus palmarum (Homoptera)

Bradybaena similis (Mollusca)

Chaetanaphothrips orchidii (Thysanoptera)

Chrysomphalus albopictus (Homoptera)

C. odontoglossus (Homoptera)

Coccus viridis (Homoptera)

Diaphania quadrastigmatis (Lepidoptera)

Diorymerellus laevimargo (Coleoptera)

Eriopyga fea (Lepidoptera)

Fulbium anthoroides (Hemiptera)

Helicina neritella (Mollusca)

Helix aspersa (Mollusca)

Iridomyrmex iniquus (Hymenoptera)

Lamellaris micra (Mollusca)

Lepidosaphes tuberculata (Homoptera)

Limax marginatus (Mollusca)

Lygaeus pulchellus (Hemiptera)

Milax gagates (Mollusca)

Myrmecophila americana (Orthoptera)

Nasutitermes ephratae (Isoptera)

N. nigricipes (Isoptera)

N. rippertii (Isoptera)

Orchidophilus aterrimus (Coleoptera)

Paracosmia tolteca (Dermaptera)

Pheidole megacephala (Hymenoptera)

Phelypera distigma (Coleoptera)

Pseudischnaspis alienus (Homoptera)

P. boureyi (?) (Homoptera)

Pseudoparlatoria serrulata (Homoptera)

Subulina octona (Mollusca)

Tenthecoris exitiosus (Hemiptera)

Trochuda raspa (?) (Lepidoptera)

Ulopa hovana (Homoptera)

Vilga dissimilis (Hemiptera)

Vinsonia stellifera (Homoptera)

ORNITHOGALUM:

Aploneura lentisci (Homoptera)

Haplothrips aculeatus (Thysanoptera)

Taeniothrips atratus (Thysanoptera)

ORYZA:

Chilo suppressalis (Lepidoptera)

Ostrinia nubilalis (Lepidoptera)

Trogoderma granarium (Coleoptera)

PALM:

Aonidiella inornata (Homoptera)

Aspidiotus palmarum (Homoptera)

Chrysomphalus odontoglossus (Homoptera)

Dinoderus borneanus (?) (Coleoptera)

Vinsonia stellifera (Homoptera)

PELEA:

Prays fulvocanellus (Lepidoptera)

PERSEA:

Aspidiotus diffinis (Homoptera)

Chrysomphalus albopictus (Homoptera)

Conotrachelus aguacatae (Coleoptera)

C. perseae (Coleoptera)

Dacus dorsalis (Diptera)

Pheidole megacephala (Hymenoptera)

Pseudocysta perseae (Hemiptera)

Stenomoma catenifer (Lepidoptera)

PETROSELINUM:

Euleia heraclei (?) (Diptera)

Haplothrips clarisetis (?) (Thysanoptera)

Thrips pillichi (Thysanoptera)

Udea ferrugalis (Lepidoptera)

PHAIUS:

Bradybaena similis (Mollusca)

PHALAENOPSIS:

Chrysomphalus tingi (Homoptera)

PHASEOLUS:

Acanthoscelides armitagei (Coleoptera)

Ancylostoma stercora (Lepidoptera)

Caryedon gonagra (Coleoptera)

Cryptophlebia ombrodelta (Lepidoptera)

Epinotia aporema (Lepidoptera)

Everes comyntas (Lepidoptera)

Fundella pellucens (Lepidoptera)

Lampides boeticus (Lepidoptera)

Maruca testulalis (Lepidoptera)

Matsumuraes phaseoli (Lepidoptera)

Trogoderma granarium (Coleoptera)

PHILODENDRON:

Chrysomphalus umboniferus (Homoptera)

Prodecatoma philodendri (Hymenoptera)

PHLOX:

Taeniothrips atratus (Thysanoptera)

PHOENIX:

Ceratitis capitata (Diptera)

PHRAGMITES:

Dimoderus bifoveolatus (Coleoptera)

Giraudiella inclusa (Diptera)

Minthea rugicollis (Coleoptera)

PICEA:

Piemeliella abietina (Diptera)

PINUS:

Dichocrocis punctiferalis (Lepidoptera)

Forficula pubescens (Dermaptera)

Ips calligraphus (Coleoptera)

Lepidosaphes pinii (Homoptera)

PIPER:

Opeas pumilum (Mollusca)

Hosts and Insects—Continued

- PISTACIA:**
Ceratitis capitata (Diptera)
Megastigmus pistaciae (Hymenoptera)
Schneidereria pistaciella (Lepidoptera)
Trogoderma granarium (Coleoptera)
- PISUM:**
Ancylostomia stercorea (Lepidoptera)
Bruchidius unicolor (?) (Coleoptera)
Bruchus rufipes (Coleoptera)
B. tristiculus (Coleoptera)
B. tristis (Coleoptera)
Callosobruchus analis (Coleoptera)
Lampides boeticus (Lepidoptera)
Laspeyresia nigricana (Lepidoptera)
Trogoderma granarium (Coleoptera)
- PITHECELLOBIUM:**
Stator limbatus (Coleoptera)
- PITTOSPORUM:**
Holochlora japonica (Orthoptera)
- PLANTAGO:**
Trogoderma granarium (Coleoptera)
- PLATYCERUM:**
Opeas pyrgula (Mollusca)
- PLUCHEA:**
Aceria pluchae (Acarina)
Suidasia medanensis (Acarina)
- PLUMERIA:**
Aspidiotus herculeanus (Homoptera)
Caryedon gonagra (Coleoptera)
Pheidole megacephala (Hymenoptera)
Sybra alternans (Coleoptera)
- POINCIANA:**
Cryptophlebia ombrodella (Lepidoptera)
- PORTULACA:**
Loxostege bifidalis (Lepidoptera)
- PROSOPIS:**
Taeniothrips picipes (Thysanoptera)
- PROTEA:**
Haplothrips gowdeyi (Thysanoptera)
Pseudothrips glaucus (Thysanoptera)
Theba pisana (Mollusca)
- PRUNUS AMYGDALUS:**
Ectomyelois ceratoniae (Lepidoptera)
Eurytoma amygdali (Hymenoptera)
Monosteira unicastata (Hemiptera)
- PRUNUS ARMENIACA:**
Ceratitis capitata (Diptera)
- PRUNUS AVIUM:**
Rhagoletis cerasi (Diptera)
- PRUNUS CERASUS:**
Rhagoletis cerasi (Diptera)
- PRUNUS DOMESTICA:**
Austrortirix postvittana (?) (Lepidoptera)
Ceratitis capitata (Diptera)
- PRUNUS PERSICA:**
Anastrepha ludens (Diptera)
Ceratitis capitata (Diptera)
Ostrinia nubilalis (Lepidoptera)
- PRUNUS PERSICA VAR. NECTARINA:**
Ceratitis capitata (Diptera)
- PRUNUS SEROTINA:**
Anthonomus rectirostris (Coleoptera)
- PRUNUS SP. (cherry):**
Rhagoletis cerasi (Diptera)
- PSIDIUM:**
Anastrepha mombinpraeoptans (Diptera)
A. striata (Diptera)
A. suspensa (Diptera)
Ceratitis capitata (Diptera)
Dacus dorsalis (Diptera)
- PUNICA:**
Anastrepha ludens (Diptera)
Ceratitis capitata (Diptera)
Cryptoblabes gnidiella (Lepidoptera)
Ectomyelois ceratoniae (Lepidoptera)
Orycaenus hyalinipennis (Hemiptera)
- PYRACANTHA:**
Aleurotuberculatus aucubae (Homoptera)
- PYRUS:**
Anastrepha ludens (Diptera)
Ceratitis capitata (Diptera)
Ectomyelois ceratoniae (Lepidoptera)
Trogoderma granarium (Coleoptera)
- QUERCUS:**
Helicella caperata (Mollusca)
H. variabilis (Mollusca)
Laspeyresia splendana (Lepidoptera)
Neuroterus tricolor (Hymenoptera)
Theba pisana (Mollusca)
- QUISQUALIS:**
Pseudococcus lilacinus (Homoptera)
- RAPHANUS:**
Phytomyza rufipes (Diptera)
- RHODODENDRON:**
Dialeurodes chittendeni (Homoptera)
Gracilaria azalella (Lepidoptera)
Pealius azaleae (Homoptera)
Rhopalosiphum rufiabdominalis (?) (Homoptera)
Sitona lineata (Coleoptera)
- RHYNCHOSIA:**
Trogorylon aequale (Coleoptera)
- RIBES:**
Asterobemisia carpini (Homoptera)
- ROSA:**
Aleurocanthus woglumi (Homoptera)
Anuraphis cardui (Homoptera)
Ardis sulcata (Hymenoptera)
Arge ochropus (Hymenoptera)
Blennocampa pusilla (Hymenoptera)
Cacoecimorpha pronubana (Lepidoptera)
Cladius isomerus (Hymenoptera)
C. pectinicornis (Hymenoptera)
Endelomyia aethiops (Hymenoptera)
Frankliniella formosae (Thysanoptera)
F. intonsa (Thysanoptera)
F. schultzei (Thysanoptera)
Jadera pyrrholoma (Hemiptera)
Macrosiphum ibarae (?) (Homoptera)
Rhagoletis alternata (?) (Diptera)
Taeniothrips atratus (Thysanoptera)
T. ericae (Thysanoptera)
Thrips flavus (Thysanoptera)
T. imaginis (Thysanoptera)
T. major (Thysanoptera)
- ROSACEAE:**
Liocoris tripustulatus (Hemiptera)
- ROSMARINUS:**
Thrips angusticeps (Thysanoptera)
- RUBUS:**
Asterobemisia carpini (Homoptera)
Ceratitis rubivora (Diptera)
- SACCHARUM:**
Chilo loftini (Lepidoptera)
Dysdercus mimus (Hemiptera)
Opogona sacchari (Lepidoptera)
Reticulitermes flavipes (Isoptera)
Zealandia lineolata (Lepidoptera)
- SALIX:**
Micrapate labialis (Coleoptera)
- SALVIA:**
Liodontomerus papaveris (Hymenoptera)
- SAMANEA:**
Figulus foveicollis (Coleoptera)
Incisitermes repandus (Isoptera)
Sinozyton conigerum (Coleoptera)
Stator limbatus (Coleoptera)
Xylopsocus castaneoptera (Coleoptera)
- SCABIOSA:**
Sitona hispidula (Coleoptera)
- SCHIZOLOBIUM:**
Trecherniella tibouchinae (Thysanoptera)
- SCHOMBURGKIA:**
Nasutitermes corniger (Isoptera)
- SESBANIA:**
Lampides boeticus (Lepidoptera)
Maruca testulalis (Lepidoptera)
- SOIL:**
Cecilioides acicula (Mollusca)
Geotomus pygmaeus (Hemiptera)
Helicella pyramidata (Mollusca)
Homoeogrillus japonicus (Orthoptera)
Monacha olivieri (Mollusca)
Myzus ascalonicus (?) (Homoptera)
Opogona sacchari (Lepidoptera)
Orychilus alliarius (Mollusca)
Retinella hammonis (Mollusca)
Taeniothrips atratus (Thysanoptera)
Thrips angusticeps (Thysanoptera)
Trichia hispida (Mollusca)

Hosts and Insects—Continued

SOLANUM MELONGENA:

Hylesia euphemia (Lepidoptera)
Leucinodes orbonalis (Lepidoptera)

SOLANUM TUBEROSUM:

Gnorimoschema plaesiosema (Lepidoptera)
Premnotrypes latithorax (Coleoptera)
Taeniothrips ericae (Thysanoptera)

SORGHUM:

Sesamia cretica (Lepidoptera)

SPARTIUM:

Bruchidius unicolor (Coleoptera)

SPATHOGLOTTIS:

Brevipalpus obovatus (Acarina)

SPONDIAS:

Anastrepha mombinpraeoptans (Diptera)
Chrysomphalus calurus (Homoptera)

STANTHOPEA:

Vinsonia stellifera (Homoptera)

STAPHYLEA:

Diaprepes abbreviatus (Coleoptera)

STERCULIA:

Orydema fusiforme (Coleoptera)
Trogoderma granarium (Coleoptera)

SWIETENIA:

Geotomus pygmaeus (Hemiptera)
Lyctus africanus (Coleoptera)
Sinozylon anale (Coleoptera)

SYRINGA:

Adozophyes reticulana (Lepidoptera)

TAMARINDUS:

Caryedon gonagra (Coleoptera)
Phelomerus aberrans (Coleoptera)
Trogoderma granarium (Coleoptera)

TERMINALIA:

Anastrepha mombinpraeoptans (Diptera)
Ceratitis capitata (Diptera)
Dacus dorsalis (Diptera)
Trogoderma granarium (Coleoptera)

TILLANDSIA:

Reticulitermes tibialis (Isoptera)

TILIA:

Chionaspis salicis (Homoptera)

TRITICUM:

Bruchidius gilvus (Coleoptera)
Haplothrips aculeatus (Thysanoptera)
H. tritici (Thysanoptera)

TULIPA:

Merodon equestris (Diptera)

VANDA:

Araecerus levipennis (Coleoptera)
Bradybaena similis (Mollusca)
Conoderus exsul (Coleoptera)
Conotelus mexicanus (Coleoptera)
Eurytoma orchidearum (Hymenoptera)
Genaparlatoria pseudaspidotus (Homoptera)
Graptostethus manillensis (Hemiptera)
Orchidophilus alerimus (Coleoptera)
Orydema longulum (Coleoptera)
Perkinsiella saccharicida (Homoptera)
Taeniothrips hawaiiensis (Thysanoptera)
Xiphidopsis lita (Orthoptera)

VICIA:

Bruchus azoricus (Coleoptera)
B. dentipes (Coleoptera)
B. lentis (Coleoptera)
B. rufipes (Coleoptera)
B. rufipes luteicornis (Coleoptera)
B. signaticornis (Coleoptera)
B. tristiculus (Coleoptera)
B. tristis (Coleoptera)
Trogoderma granarium (Coleoptera)

VIGNA:

Fundella pellucens (Lepidoptera)

VIOLEA:

Arianta arbustorum (Mollusca)

VITIS:

Clysiiana ambiguella (Lepidoptera)
Lobesia botrana (Lepidoptera)
Phlyctinus callosus (Coleoptera)
Scantius forsteri (Hemiptera)

YUCCA:

Erythrothrips durango (Thysanoptera)
Phera centrolineata (Homoptera)

ZEA:

Diaprepes farinosus (Coleoptera)
Ostrinia nubilalis (Lepidoptera)
Sesamia cretica (Lepidoptera)
Zeadiatraea lineolata (Lepidoptera)

ZINGIBER:

Mimegralla coeruleifrons (Diptera)
Pentalonia nigronervosa (Homoptera)
Pheidole megacephala (Hymenoptera)
Puleinaria psidis (Homoptera)
"Targionia" hartii (Homoptera)

ZINNIA:

Frankliniella sulphurea (Thysanoptera)
Thrips flavus (Thysanoptera)

ZIZYPHUS:

Ceratitis capitata (Diptera)

Hosts Unknown

AIRPLANE:

Achaea janata (Lepidoptera)
Acheta hispanicus (Orthoptera)
Adoretus sinicus (Coleoptera)
Aeneolamia reducta (Homoptera)
Aethus indicus (Hemiptera)
Agriphila latistria (Lepidoptera)
Alloxacis spinosus (Coleoptera)
Anastrepha mombinpraeoptans (Diptera)
Araecerus levipennis (Coleoptera)
Betulaphis quadrituberculatus (Homoptera)
Chalciope hyppasia (Lepidoptera)
Choranthus vitellius (Lepidoptera)
Cyclocephala discicollis (Coleoptera)
Cylas formicarius (Coleoptera)
Deltocephalus maculellus (Homoptera)
Diabrotica speciosa (Coleoptera)
Diaprepes abbreviatus (Coleoptera)
Diatraea oleracea (Lepidoptera)
Dysdercus andreae (Hemiptera)
Empoasca kraemeri (Homoptera)
Ericia inangulata (Lepidoptera)
Eutheola humilis (Coleoptera)
Euxesta eluta (Diptera)
Geniotes panamensis (Coleoptera)
Geocoris thoracicus (Hemiptera)
Gryllus bimaculatus (Orthoptera)
Helicella martima (Mollusca)
Hymenia perspectalis (Lepidoptera)
Hypomeces squamosus (Coleoptera)

Liogenys macropelma (Coleoptera)
L. quadridens (Coleoptera)
Lygaeus equestris (Hemiptera)
L. pandurus (Hemiptera)
Marasmia poealis (Lepidoptera)
Meridyras progenies (Lepidoptera)
Mniotricha lichenigera (Lepidoptera)
Mumetopia nigrimana (Diptera)
Oryambulyx substrictilis (Lepidoptera)
Oryctopus vittata (Coleoptera)
Parnara guttata (Lepidoptera)
Pentalonia nigronervosa (Homoptera)
Polydesma umbricola (Lepidoptera)
Prodenia litura (Lepidoptera)
Sogata orizicola (Homoptera)
Sphingonotus rubescens (Orthoptera)
Spodoptera mauritia acronyctoides (Lepidoptera)
S. pecten (Lepidoptera)
Stator limbatus (Coleoptera)
Sylepta balteata (Lepidoptera)
Syngamia florella (Lepidoptera)
Teleogryllus mitratus (Orthoptera)
Theba pisana (Mollusca)
Tipula scripta (Diptera)
Utethesia pulchella (Lepidoptera)
Zeadiatraea lineolata (Lepidoptera)

AQUATIC PLANT:

Pentalonia nigronervosa (Homoptera)

Hosts Unknown—Continued

AUTOMOBILE:

Aellopos tantalus (Lepidoptera)
Cochlicella barbara (Mollusca)
C. ventrosa (Mollusca)
Helicella variabilis (Mollusca)
Theba pisana (Mollusca)
Trogozylon aequale (Coleoptera)

BAGGAGE:

Adoretus sinicus (Coleoptera)
Alloxacis spinosus (Coleoptera)
Arianta arbustorum (Mollusca)
Bruchus ervi (Coleoptera)
B. rufipes (Coleoptera)
Caryedon gonagra (Coleoptera)
Ceratitis capitata (Diptera)
Cyane terpsichorella (Lepidoptera)
Dacus dorsalis (Diptera)
D. oleae (Diptera)
Diocalandra taitensis (Coleoptera)
Gryllus bimaculatus (Orthoptera)
Helix aperta (Mollusca)
H. pomatia (Mollusca)
Laspeyresia splendana (Lepidoptera)
Maruca testulalis (Lepidoptera)
Modocogryllus conspersus (Orthoptera)
Nysius coenosulus (Hemiptera)
Orchidophilus aterrimus (Coleoptera)
Otala vermiculata (Mollusca)
Otosema odorata (Lepidoptera)
Parastichtis monoglypha (Lepidoptera)
Sesamia nonagriodes (Lepidoptera)
Sinorylon conigerum (Coleoptera)
Sybra alternans (Coleoptera)

BAGGING:

Cylas formicarius elegantulus (Coleoptera)
Trogoderma granarium (Coleoptera)

BALLAST:

Caryedon gonagra (Coleoptera)
Trogoderma granarium (Coleoptera)

CARGO:

Acrida sulphuripennis (Orthoptera)
Cylas formicarius elegantulus (Coleoptera)
Draeculacephala clypeata (Homoptera)
Gastrimargus brevipennis (Orthoptera)
Gryllotalpa africana (Orthoptera)
Helix aspersa (Mollusca)
Heterotermes convernotatus (Isoptera)
Homorocoryphus nitidulus (Orthoptera)
Lyctus africanus (Coleoptera)
Megalogyllus molinai (Orthoptera)
Metamasius hemipterus sericeus (Coleoptera)
Morphacris fasciata (Orthoptera)
Nephotettix apicalis (Homoptera)
Orchidophilus aterrimus (Coleoptera)
Otala lactea (Mollusca)
Prodenia litura (Lepidoptera)
Sinorylon anale (Coleoptera)
Trogoderma granarium (Coleoptera)

CLOTHING:

Pheidole megacephala (Hymenoptera)
Pyropotostia pryeri (Coleoptera)
Reticulitermes flavipes (Isoptera)

CONIFER:

Hylobius abietis (Coleoptera)

CRATE:

Theba pisana (Mollusca)

CUTTING:

Cenopalpus pulcher (Acarina)
Euphyllura olivina (Homoptera)

DEBRIS:

Dictyla nassata (Hemiptera)
Syntomis cyssae (Lepidoptera)
Trogoderma granarium (Coleoptera)
Xanthochroina bicolor (Coleoptera)

DUNNAGE:

Callidium rufipenne (Coleoptera)
Sitona hispidula (Coleoptera)

EXCELSIOR:

Lema bilineata (Coleoptera)

FLOUR:

Sitona lineata (Coleoptera)

FLOWERS:

Adoretus sinicus (Coleoptera)
Bradybaena similis (Mollusca)
Diaprepes abbreviatus (Coleoptera)
D. abbreviatus var. (Coleoptera)

Frankliniella formosae (Thysanoptera)
F. intonsa (Thysanoptera)
Haplothrips gowdeyi (Thysanoptera)
Orchidophilus aterrimus (Coleoptera)
Pheidole megacephala (Hymenoptera)
Siphanta acuta (Homoptera)
Spanioneura fenscolombeii (Homoptera)
Taeniothrips atratus (Thysanoptera)
Theba pisana (Mollusca)
Thrips angusticeps (Thysanoptera)
T. flavus (Thysanoptera)
T. major (Thysanoptera)
T. pillichi (Thysanoptera)

FOOD:

Phaeocalantops decoratus (Orthoptera)
Tylotropidius gracilipes (Orthoptera)

FRUIT—UNIDENTIFIED:

Anastrepha mombinpraepans (Diptera)
Ceratitis capitata (Diptera)

GRAIN:

Trogoderma granarium (Coleoptera)

GUM ZEDOU:

Trogoderma granarium (Coleoptera)

HERB:

Haplothrips gowdeyi (Thysanoptera)
Helicella maritima (Mollusca)
Pheidole megacephala (Hymenoptera)
LEAF—UNIDENTIFIED:
Achaea janata (Lepidoptera)
Aleurotrachelus jelenkii (Homoptera)
Aspidiotus destructor (Homoptera)
Asterobemis carpini (Homoptera)
Crenidorsum stigmaphylli (Homoptera)
Vinsonia stellifera (Homoptera)

LEGUME:

Bruchus rufipes (Coleoptera)
B. tristiculus (Coleoptera)
Phelomerus aberrans (Coleoptera)

MAIL:

Adoretus sinicus (Coleoptera)
Ancylostomia stercora (Lepidoptera)
Coptotermes formosanus (Isoptera)
Euscepes postfasciatus (Coleoptera)
Helix aspersa (Mollusca)
Pholidophorus advena (Coleoptera)
Polydesma umbricola (Lepidoptera)
Teleogryllus nigratus (Orthoptera)

MILITARY CARGO:

Achatina fulica (Mollusca)
Bradybaena similis (Mollusca)
Cochlicella barbara (Mollusca)
C. ventrosa (Mollusca)
Helicella aspersa (Mollusca)
H. conspurcata (Mollusca)
H. cretica (Mollusca)
H. derbentina (Mollusca)
H. italica (Mollusca)
H. littoralis (?) (Mollusca)
H. maritima (Mollusca)
H. protea (Mollusca)
H. pyramidata (Mollusca)
H. variabilis (Mollusca)
Helicina convexa (Mollusca)
Helix aperta (Mollusca)
H. aspersa (Mollusca)
H. figulina (Mollusca)
Macrogllossum stellatarum (Lepidoptera)
Monacha cantiana (Mollusca)
M. carthusiana (Mollusca)
M. olivieri (Mollusca)
Nasutitermes ripertii (Isoptera)
Otala vermiculata (Mollusca)
Pieris brassicae (Lepidoptera)
Rumina decollata (Mollusca)
Theba pisana (Mollusca)

NURSERY STOCK:

Ceutorhynchus erysimi (Coleoptera)
Haplothrips aculeatus (Thysanoptera)
Sitona hispidula (Coleoptera)
Taeniothrips atratus (Thysanoptera)
Thrips flavus (Thysanoptera)

PACKING MATERIAL:

Trigonophora meticulosa (Lepidoptera)

PAPER:

Cryptotermes brevis (Isoptera)

Hosts Unknown—Continued

PLANT—UNIDENTIFIED:

Ceroplastes rubens (Homoptera)
Miccotroguis picirostris (Coleoptera)

PLANT MATERIAL:

Dialeurodes kirkaldyi (Homoptera)
Lygus lineolaris (Hemiptera)
Megaris laevicollis (Hemiptera)
Melormenis antillarum (Homoptera)
Minthea rugicollis (Coleoptera)
Mormidea v-luteum (Hemiptera)
Stator limbatus (Coleoptera)
Theba pisana (Mollusca)

QUARTERS:

Cylas formicarius elegantulus (Coleoptera)
Mamestra brassicae (Lepidoptera)
Melolontha melolontha (Coleoptera)
Rhynchophorus palmarum (Coleoptera)
Sitona hispidula (Coleoptera)
Trogoderma granarium (Coleoptera)

RAILWAY CAR:

Dysdercus obliquus (Hemiptera)

RESIDUE:

Helicella pyramidata (Mollusca)

SEED—UNIDENTIFIED:

Araecerus levipennis (Coleoptera)
Ectomyelois ceratoniae (Lepidoptera)
Mimosestes dominicanus (Coleoptera)
Stator pruininus (Coleoptera)

STORES:

Acrolepia assectella (Lepidoptera)
Bruchus rufipes (Coleoptera)
Caryedon gonagra (Coleoptera)
Epinotia aporema (Lepidoptera)
Gnorimoschema ocellatella (Lepidoptera)
Helicella arizonis (Mollusca)

H. virgata (Mollusca)
Helix aperta (Mollusca)
H. aspersa (Mollusca)
Nephotettix apicalis (Homoptera)
Sitona cylindricollis (Coleoptera)
Theba pisana (Mollusca)
Trogoderma granarium (Coleoptera)

STRAW:

Forficula aetolica (Dermaptera)
Kaloterms flavicollis (Isoptera)

VEGETABLES:

Conotelus mexicanus (Coleoptera)

WOOD:

Apate monachus (Coleoptera)
Callidium rufipenne (Coleoptera)
Cryptotermes brevis (Isoptera)
Dinoderus bifoveolatus (Coleoptera)
Heterobostrychus aequalis (Coleoptera)
H. brunneus (Coleoptera)
Heterotermes convexinotatus (Isoptera)
Lyctus brunneus (Coleoptera)
Micrapate labialis (Coleoptera)
M. mexicana (?) (Coleoptera)
Minthea rugicollis (Coleoptera)
Nasutitermes corniger (Isoptera)
Sinoxylon anale (Coleoptera)
S. conigerum (Coleoptera)
Trogoxylon aequale (Coleoptera)
T. prostomoides (Coleoptera)
Xyloperthella crinitarsis (Coleoptera)
X. picea (Coleoptera)
Xyloperthodes nitidipennis (?) (Coleoptera)
Xylothrips religiosus (Coleoptera)

Countries of Origin and Insects

AFRICA (country(?)):

Ceratitis capitata
Dinoderus bifoveolatus
Frankliniella schultzei
Minthea rugicollis

ALGERIA:

Hydroecia xanthenes
Parlatoria zizyphus

AMERICAN SAMOA:

Chaetanaphothrips orchidii
Dinoderus borneanus(?)
Geolomus pygmaeus
Pentalonia nigronervosa

AMERICAN VIRGIN ISLANDS:

Trogorylon aequale

ANGOLA:

Xyloperthella picea

ANTIGUA:

Cylas formicarius elegantulus
Diaprepes farinosus
Vinsonia stellifera

ARGENTINA:

Ceratitis capitata
Taeniothrips picipes

ARUBA:

Fundella pellucens

AUSTRALIA:

Aonidiella citrina
Betulaphis quadrituberculatus
Ceroplastes rubens
Cylas formicarius
Frankliniella schultzei
Haplothrips gowdeyi
Helix aspersa
Lepidosaphes tuberculata
Lyctus brunneus
Ovatus crataegarius
Pheidole megacephala
Thrips imaginis
Unaspis yanonensis

AUSTRALIA(?):

Ceratitis capitata(?)

AUSTRIA:

Ardis sulcata
Bruchidius villosus
Giraudiella inclusa
Laspeyresia splendana
Plemeliella abietina

AZORES:

Bruchus rufipes
B. tristiculus
Ceratitis capitata
Cerodontha denticornis
Cochicella ventrosa
Helix aperta
H. aspersa
Laspeyresia splendana
Pieris brassicae
Rhagoletis cerasi
Theba pisana

BAHAMAS:

Ancylostomia stercorea
Ips calligraphus
Nasutitermes rippertii
Vinsonia stellifera
Zealandia lineolata

BARBADOS:

Ancylostomia stercorea
Fundella pellucens
Pectinophora gossypiella

BELGIUM:

Adoxophyes reticulana
Anthonomus rectosistris
Bruchidius villosus
Euleia heraclei(?)
Evergestis forficalis
Frankliniella intonsa
Mamestra brassicae
Phytomyza rufipes
Taeniothrips atratus
T. dianthi

BERMUDA:

Bradybaena similis
Helicina convexa
Otala vermiculata
Selenothrips rubrocinctus

BERMUDA(?):

Ceratitis capitata(?)

BOLIVIA:

Premnotypes latithorax

BRAZIL:

Acanthoscelides birae
Aganactesis indecora
Amblycerus reticulatus
Anastrepha fraterculus(?)
A. mombrinae
Brevipalpus obovatus
Ceratitis capitata
Chrysomphalus personatus
C. umboniferus
Ectomyelois ceratoniae
Eutheola humilis
Eurytoma orchidearum
Euscepes postfasciatus
Megaris laevicollis
Mormidea v-luteum
Nasutitermes corniger
Pallantia macula
Parlatoria cinerea
Pectinophora gossypiella
Phelomerus aberrans
Platynota rostrana
Prodecatoma philodendri
Pseudococcus gahani
Stephanoderes hampei
Taeniothrips atratus
Tenthetoris eritiosus
Treherniella tibouchinae
Unaspis citri

BRITISH GUIANA:

Caryedon gonagra
Euscepes postfasciatus
Fundella pellucens

BRITISH HONDURAS:

Gnorimoschema gudmannella
Nasutitermes corniger
N. ephratae
N. nigriceps
Pheidole megacephala
Pseudischnaspis alienus
Stenomoma catenifer
Vinsonia stellifera

BRITISH VIRGIN ISLANDS:

Choranthus vitellius

BRITISH WEST INDIES (island(?)):

Deltoccephalus maculellus

BURMA:

Bruchidius caeruleus

CANADA:

Miccotrogus picirostris
Sitona lineata

CANAL ZONE:

Acanthoscelides armitagei
Ancylostomia stercorea
Chrysomphalus albopictus
Cosmopolites sordidus
Pheidole megacephala
Vilga dissimilis
Vinsonia stellifera

CANARY ISLANDS:

Ceratitis capitata(?)

CAPE VERDE ISLANDS:

Cryptoblabes gnidiella

CEYLON:

Eurytoma orchidearum
Sinoxylon conigerum
Trogoderma granarium
Xylothrips religiosus

CHILE:

Epinotia aporema
Gnorimoschema plaeosoma
Lema bilineata
Naupactus xanthographus

CHINA:

Chalciope hyppasia
Cryptolermes brevis
Dialeurodes kirkaldyi
Parlatoria zizyphus
Spodoptera mauritia acronyctoides
Unaspis yanonensis

Countries of Origin and Insects—Continued

COLOMBIA:

Aleurodicus trinidadensis
Epinotia aporema
Eurytoma orchidearum
Gnorimoschema gudmannella
Heterotermes conezinotatus
Limax marginatus
Megalogyllus molinaei
Milax gagates
Minthea squamigera
Stenoma catenifer

COSTA RICA:

Aleurocanthus woglumi
Anastrepha mombinpraeoptans
Aspidiotus destructor
Bephrata maculicollis
Ceratitidis capitata
Chrysomphalus albopictus
Conotrachelus perseae
Diaphania quadrastigmatis
Limax marginatus
Metamasius hemipterus sericeus
Stenoma catenifer

CRETE:

Cochlicella barbara
Helicella cretica
Helix aspersa
Otala vermiculata
Theba pisana

CUBA:

Anastrepha mombinpraeoptans
Cylas formicarius elegantulus
Nasutitermes rippertii
Syngamia florella

CURACAO:

Caryedon gonagra

CYPRUS:

Bruchus lentis
Ceratitidis capitata
Haplothrips cottei

CZECHOSLOVAKIA:

Bruchus rufipes
Frankliniella intonsa
Rhagoletis alternata(?)
Taeniothrips atratus
Thrips flavus

DENMARK:

Cladius pectinicornis
Endelomyia aethiops
Gelechia ericetella
Helicella candidula
Mamestra brassicae
Phytomyza rufipes
Plemeliella abietina
Taeniothrips atratus
Thrips flavus
T. major
Ulopa reticulata

DOMINICA:

Anastrepha mombinpraeoptans
Vinsonia stellifera

DOMINICAN REPUBLIC:

Aganactes indecora
Allozaxis spinosus
Anastrepha mombinpraeoptans
A. ocreata
A. suspensa
Ancylostoma stercorea
Crenidosum stigmaphylli
Cylas formicarius elegantulus
Dialeurodes citrifolii
Dysdercus andreae
Frankliniella sulphurea
Maruca testulalis
Meridiyras progenies
Mimosestes dominicanus
Pectinophora gossypiella
Pheidole megacephala
Sphenarches caffer
Talponia batesi
Vinsonia stellifera

ECUADOR:

Aleurocanthus woglumi
Anastrepha mombinpraeoptans
Aspidiotus destructor
Coccus viridis

Draeculacephala clypeata
Eucalendra setulosa
Metamasius hemipterus sericeus
Platoceticus symmicta
PorphYROBAPHÉ iostoma
Prepiella aurea
Pseudoparlatoria serrulata
Solaropsis monile
Stenoma catenifer
Unaspis citri

EL SALVADOR:

Anastrepha mombinpraeoptans
A. striata
Aulacaspis tubercularis
Miogryllus convolutus
Protopulvinaria pyriformis
Stenoma catenifer
Vinsonia stellifera

ENGLAND:

Blennocampa pusilla
Bruchidius villosus
Bruchus rufipes
Cladius pectinicornis
Dialeurodes chittendeni
Eriophyes canestrinii
Euleia heraclei(?)
Frankliniella intonsa
Gelechia ericetella
Gracilaria azaleella
Helicella caperata
Lygus rugulipennis
Merodon equestris
Milax gagates
Pealius azaleae
Pectinophora malvella
Phytomyza rufipes
Sitona hispidula
Spanioneura fonscolombei
Stenecatorsonemus laticeps
Taeniothrips atratus
T. ericae
Thrips angusticeps
T. flavus
T. major
T. pillichii
Tipula paludosa
Trogoderma granarium

ENIWETOK:

Eurcaspis oceanica

ETHIOPIA:

Ceratitidis rubivora
Dacus oleae

EUROPE (country(?)):

Ceratitidis capitata
Dacus oleae
Frankliniella intonsa
Limothrips denticornis
Rhagoletis cerasi
Taeniothrips atratus
T. dianthi
Thrips angusticeps
T. flavus

FEDERATION OF MALAYSIA:

Aspidiotus palmae
Callosobruchus analis
Trogoderma granarium

FEDERATION OF MALAYSIA(?):

Leucinodes orbonalis

FEDERATION OF RHODESIA AND NYASALAND:

Ceratitidis capitata

FIJI:

Achaea janata
Figulus foveicollis
Incisitermes repandus
Pheidole megacephala
"Targionia" hartii
Unaspis yanonensis
Xylopsocus castanoptera

FINLAND:

Ardis sulcata
Frankliniella intonsa
Thrips flavus
T. major

FORMOSA:

Achatina fulica

Countries of Origin and Insects—Continued

FORMOSA—Continued

Brevipalpus obovatus
Parlatoria zizyphus
Stephanoderes hampei
Trogoderma granarium

FRANCE:

Acrolepis assectella
Anuraphis cardui
Asterobemisia carpini
Bibio hortulanus
Bruchus ervi
B. lentis
B. rufipes
B. tristiculus
B. viciae
Ceratitis capitata
Cochlicella barbara
Curculio elephas
Dacus oleae
Euleia heraclei
Evergestis forficulis
Frankliniella intonsa
Geomyza tripunctata
Gortyna flavago
Gracilaria azaleella
Helicella caperata
H. maritima
H. variabilis
Helix aspersa
Hellula undalis
Laspeyresia splendana
Liocoris tripustulatus
Mamestra brassicae
Milax gagates
Monacha cantiana
M. carthusiana
Myzus ascalonicus(?)
Periphyllus aceris
Phytomyza rufipes
Pieris brassicae
Rhagoletis cerasi
Theba pisana
Thrips angusticeps
T. flavus
Trogoderma granarium
Udea ferrugalis

FRANCE(?):

Agriphila latistria

FRENCH GUIANA:

Vinsonia stellifera

GERMANY:

Aceria rudis
Acrolepis assectella
Adorophyes reticulana
Anuraphis cardui
Ardis sulcata
Arge ochropus
Arianta arbustorum
Blastodacna atra
Bruchidius villosus
Bruchus ervi
B. lentis
B. rufipes
Chionaspis salicis
Cladius pectinicornis
Forficula pubescens
Frankliniella intonsa
Gelechia ericetella
Haplothrips aculeatus
Helicella pyramidata
Helix pomatia
Neuroterus tricolor
Phytomyza rufipes
Retinella hammonis
Rhagoletis cerasi
Taeniothrips atratus
T. dianthi
T. ericae
Thrips flavus
T. major
Tipula scripta
Trogoderma granarium
Ulopa reticulata

GHANA:

Acrosternum heegeri
Leucinodes orbonalis

"*Targionia*" *hartii*

GREECE:

Acanthoscelides spinipes
Bruchus dentipes
B. ervi
B. lentis
B. signaticornis
B. tristiculus
B. tristis
B. ulicis
Ceratitis capitata
Cochlicella barbara
Cryptoblabes gnidiella
Curculio elephas
Dacus oleae
Ectomyelois ceratoniae
Euphyllura olivina
Helicella cretica
H. littoralis(?)
H. maritima
H. variabilis
Laspeyresia splendana
Liodontomerus papaveris
Lyctus africanus
Monacha olivieri
Monosteira unicastata
Otala vermiculata
Orzycaenus hyalinipennis
Parlatoria zizyphus
Prays oleellus
Schneidereria pistaciella
Sesamia cretica
Thrips angusticeps
T. major
Udea ferrugalis

GRENADA:

Ancylostoma stercorea
Pectinophora gossypiella

GUAM:

Adoretus sinicus
Araecerus cumingi
Aspidiotus palmarum
Caryedon gonagra
Pentalonia nigronervosa
Spodoptera mauritia acronyctoides

GUATEMALA:

Anastrepha mombinpraeoptans
Aulacaspis tubercularis
Chrysomphalus albopictus
Diorymerellus laevimargo
Fulvius anthocorides
Gnorimoschema gudmannella
Iridomyrmex iniquus
Limax marginatus
Metamasius hemipterus hemipterus
M. hemipterus sericeus
Myrmecophila americana
Pentalonia nigronervosa
Pseudoschnaspis longissima
Pseudoparlatoria serrulata
Stenomacrus catenifer
Unaspis citri
Vinsonia stellifera
Zeadiatraea lineolata

HAITI:

Anastrepha mombinpraeoptans
Ancylostoma stercorea
Cryptotermes brevis
Cylas formicarius elegantulus
Diaprepes abbreviatus
D. abbreviatus var.
Haplothrips gowdeyi
Helix aspersa
Jadera pyrrhuloma
Parlatoria zizyphus
Pectinophora gossypiella
Pheidole megacephala
Trogosyloides aequale
Vinsonia stellifera

HAWAII:

Achaea janata
Adoretus sinicus
Araecerus levipennis
Aspidiotus herculeanus
Asterolecanium bambusae
Bradybaena similis

Countries of Origin and Insects—Continued

HAWAII—Continued

Caryedon gonagra
Ceratitidis capitata
Ceroptastes rubens
Coccis viridis
Conoderus exsul
Conotelus mexicanus
Coptotermes formosanus
Cryptophlebia illepidia
C. ombrodella
Cryptotermes brevis
Cyane terpischorella
Dacus cucurbitae
D. dorsalis
Dialeurodes kirkaldyi
Diocalandra taitensis
Ectomyelois ceratoniae
Euscepes postfasciatus
Graptostethus manillensis
Lampides boeticus
Lepidosaphes tokionis
Limax marginatus
Maruca testulalis
Modocoryllus conspersus
Nysius coenosulus
Orchidophilus aterrimus
Orychilus alliaris
Orydema fusiforme
Pectinophora gossypiella
Pentalonia nigronervosa
Perkinsiella saccharicida
Pheidole megacephala
Pholidophorus advena
Pinnaspis buxi
Polydesma umbricola
Polytus mellerborgii
Prays fulvocanellus
Pseudaoonidia claviger
Pseudococcus gahani
P. neobrevipes
P. oceanicus
P. palmarum
Pulvinaria psidii
Selenothrips rubrocinctus
Sinoxylon conigerum
Siphanta acuta
Sator limbatus
S. pruininus
Sternochetus mangiferae
Sybra alternans
Taeniothrips hawaiiensis
Xiphidopsis lita
Xylotrips religiosus

HONDURAS:

Aleuroplatus variegatus
Cerconota anonella
Lamellaris micra
Lygaeus pulchellus
Metamastus hemipterus sericeus
Pheidole megacephala
Stenomma catenifer
Thamagrana dixolophella

HONG KONG:

Cylas formicarius var.
C. formicarius formicarius
Homoeryllus japonicus
Lyctus africanus
Parlatoria zizyphus
Trogoderma granarium
Unaspis yamouensis

HONG KONG(?):

Minthea rugicollis

HUNGARY:

Ardis sulcata
Clysiana ambigua
Frankliniella intonsa
Taeniothrips atratus
T. dianthi
T. ericae
Tetranychus viennensis

ICELAND:

Thrips flavus
T. major

INDIA:

Caryedon gonagra
Dacus dorsalis(?)

Dinoderus bifoveolatus
Heterobostrychus aequalis
Nephotettix apicalis
Parlatoria zizyphus
Sinoxylon anale
S. conigerum
Sternochetus mangiferae
Suidasia medanensis
Syntomis cyssaea
Trogoderma granarium

INDONESIA:

Coccis viridis
Genaparlatoria pseudaspidiotus

IRAN:

Bruchus dentipes
Trogoderma granarium

IRELAND:

Gelechia ericetella
Orychilus alliaris
Retinella hammonis
Stenelaronemus laticeps
Taeniothrips atratus
T. ericae
Thrips flavus
T. major
Trichia hispida

ISRAEL:

Aploneura lentisci
Bruchus tristiculus
Cecilioides acicula
Ceratitidis capitata
Cladius pectinicornis
Dacus oleae
Forficula aetolica
Frankliniella tenuicornis
Oxycarenus hyalinipennis
Parlatoria cinerea
Prodenia litura
Rhagoletis cerasi
Taeniothrips discolor
Thrips flavus
T. major

ITALY:

Acanthoscelides spinipes
Acrolepia assectella
Aleurotrachelus jelenekii
Anuraphis cardui
Aspidiotus putearis
Brachycerus albidentatus
B. algeris
Bruchidius debilis
B. gilvus
B. incarnatus
B. meleagrinus
B. unicolor
B. villosus
Bruchus dentipes
B. ervi
B. lentis
B. rufipes
B. rufipes luteicornis
B. signaticornis
B. tristiculus
B. tristis
Cacoecimorpha pronubana
Cenopalpus pulcher
Ceratitidis capitata
Cochlicella ventrosa
Cryptoblabes gnidiella
Curculio elephas
C. nucum
Dacus oleae
Depressaria erinaceella
Dyspessa ulula
Ectomyelois ceratoniae
Euleia heraclei(?)
Eupelix cuspidata
Forficula decipiens
Frankliniella intonsa
Gnorimoschema ocellatella
Helicella pyramidata
H. variabilis
Helix aperta
Hylobius abietis
Lampides boeticus

Countries of Origin and Insects—Continued

ITALY—Continued

Laspeyresia splendana
Limax marginatus
Lobesia botrana
Mamestra brassicae
Megastigmus pistaciae
Milax gagates
Opogona sacchari
Ostrinia nubilalis
Otala lactea
O. vermiculata
Opatus crataegarius
Parlatoria zizyphus
Pentodon punctatus
Phalonia zephyrana
Pieris brassicae
Prays oleellus
Pseudopachymerus lallemandi
Retinella hammonis
Rhagoletis cerasi
Rhopalosiphoninus tulipaellus
Schneidereria pistaciella
Sesamia cretica
Sitona humeralis
Sierra inquinata
Theba pisana
Thrips angusticeps
Udea ferrugalis

IVORY COAST:

Dacus cucurbitae

JAMAICA:

Aleurocanthus woglumi
Alloxystis spinosus
Anastrepha mombinpraeopians
Ancylostoma stercora
Chrysomphalus odontoglossus
Dialeurodes citrifolii
Euscepes postfasciatus
Haplothrips gowdeyi
Helicina neritella
Heterotermes convexinotatus
Limax marginatus
Palaeopus costicollis
Pectinophora gossypiella
Sennius probus(?)
Vinsonia stellifera

JAPAN:

Aleurotuberculatus aucubae
Amatissa consorta
Aonidiella citrina
A. inornata
Aspidiotus diffinis
Brevipalpus obovatus
Eryobia ehari
Callidium ruftenne
Carposina niponensis
Ceroptastes ceriferus
Chilo suppressalis
Chlorophorus annularis
Cylas formicarius formicarius
Dichocrois punctiferalis
Euproctis similis
Frankliniella formosae
Geotomus pygmaeus
Gryllotalpa africana
Haplothrips gowdeyi
Holochlora japonica
Hypomeces squamosus
Lampides boeticus
Lepidosaphes conchiformis
L. pini
Maruca testulalis
Matsumuraeses phaseoli
Myocalandra elongata
Oligonychus perditus
Ostrinia nubilalis
Parlatoria zizyphus
Parnara guttata
Pentamerismus oregonensis
Pheidole megacephala
Polydesma umbricola
Rhopalosiphum rufiabdominalis(?)
Spodoptera pecten
Taeniothrips eucharii

"Targionia" hartii
Teleogryllus mitratus
Tetranychus viennensis
Thrips nigropilosus
Trogoderma granarium
Unaspis citri
U. yanonensis

JAPAN(?):

Ericia inangulata

JORDAN:

Ceratitis capitata
Eurytoma amygdali

KENYA:

Acrida sulphuripennis
Cylas puncticollis
Gastrimargus brevipis
Homorocoryphus nitidulus
Morphacris fasciata

KENYA(?):

Trogoderma granarium

KOREA:

Trogoderma granarium

KUWAIT:

Trogoderma granarium

KWAJALEIN:

Furcaspis oceanica
Lepidosaphes esakii

LEBANON:

Bruchus ervi
B. lentis
Ceratitis capitata
Dacus oleae
Trogoderma granarium

LIBERIA:

Ceratitis capitata
Cylas puncticollis
Pectinophora gossypiella

LIBYA:

Cochlicella barbara
C. ventrosa
Helicella pyramidata
Theba pisana

MACAO:

Minthea rugicollis

MADAGASCAR:

Pheidole megacephala
Utopia hovana

MALTA:

Ceratitis capitata
Parlatoria zizyphus

MEXICO:

Aceria tulipae
Aellopos tantalus
Aleurocanthus woglumi
Aleuroparadozus gardeniae
Aleuroplatus variegatus
Anastrepha ludens
A. mombinpraeopians
Anechura vara
Anthonomus albolineatus
Arphnus melanotylus
Aspidiotus destructor
A. diffinis
A. excisus
Asterolecanium bambusae
A. epidendri
Batrachedra linaria
Bruchus ervi
Calyptopcephala gerstaeckeri
Caryedon gonagra
Carystoides basocheii replana
C. lebbaeus
Chaetanaphothrips orchidii
Chilo loftini
Chrysomphalus albopictus
C. odontoglossus
C. personatus
Cladius isomerus
Coelonertus nigrirostris
Conotelus mexicanus
Conotrachelus agnatae
Cryphula apicata
Cylas formicarius elegantulus
Cylindrocapturus tetralobus(?)

Countries of Origin and Insects—Continued

MEXICO—Continued

Diorymerellus laevimargo
Drymaeus hegewischii
Dysdercus minimus
D. obliquus
Eriopyga fea
Erythrotrips durango
Ethelema sobrina
Eumaeus debora
Evers comynus
Exptochiomera formosa
Galgupha punctifer
Gnorimoschema gudmannella
Haplothrips clarisetis(?)
Helix aspersa
Hylesia euphemia
Iridomyrmex iniquus
Labia arcuata
Lepidosaphes philococcus
Ligyrocoris nitidicollis
Lorostege bifidialis
Lygaeus pulchellus
Lygus lineolaris
Melanaspis squamae
Micrapate labialis
M. mexicana(?)
Neoleucinodes elegantalis
Oosema odorata
Ovatus crataegarius
Paracosmia folteca
Parisoschoenus expositus
P. flavolimbatus
Parlatoria cinerea
Pectinophora gossypiella
Phelomerus aberrans
Phelypera distigma
Phera centrolineata
Praticolella berlandieriana
Pseudocysta perseae
Pseudischinaspis bowreyi(?)
P. longissima
Reticulitermes flavipes
R. tibialis
Rhinostomus barbirostris
Rhynchophorus palmarum
Sisamnes contractus
Spanogonicus albofasciatus
Stator limbatus
Stenoma catenifer
Talponia batesi
Telenomia proliza
Tetranychus cinnabarinus
Trialeurodes similis
T. vitrinellus
Trochuda raspa(?)
Trogoxylon aequale
T. prostomoides
Unaspis citri
Xanthochroina bicolor

MOROCCO:

Acheta hispanicus
Bruchus lentis
Ceratitis capitata
Cochlicella barbara
C. ventrosa
Dictyla nassata
Gryllus bimaculatus
Helicella conspurcata
H. maritima
Lygaeus equestris
L. pandurus
Parlatoria zizyphus
Pieris brassicae
Rumina decollata
Sphingonotus rubescens
Theba pisana

MOZAMBIQUE:

Phaeocatantops decoratus
Tylotropidius gracilipes

NETHERLANDS:

Acrolepia assectella
Adoxophyes reticulana
Ardis sulcata
Ariantha arbutorum
Aspidiotus palmae

Bruchus lentis
B. viciae
Cecilioides acicula
Ceutorhynchus erysimi
Chrysomphalus personatus
Dactynotus sonchi
Dialeurodes chittendeni
Evergestis forficatus
Haplothrips aculeatus
Helicella candidula
H. elegans
H. trochoides
Helix aspersa
Mamestra brassicae
Merodon equestris
Milax gagates
Sitona hispidula
S. lineata
Subulina octona
Taeniothrips atratus
Theba pisana
Thrips flavus
Trigonophora meticalosa
Trogoderma granarium

NETHERLANDS(?):

Lepidosaphes tubulorum

NEVIS:

Arcylostomia stercorea

NEW GUINEA:

Aspidiotus palmae

NEW ZEALAND:

Austrotortrix postvittana (?)

Tortrix excessana

NICARAGUA:

Aleurocanthus woglumi
Anastrepha mombinpraeoptans
A. striata
Aulacaspis tubercularis
Chrysomphalus calurus
Mumetopia nigrimana
Sogata orizicola
Stenoma catenifer
Unaspis citri
Zeadiatraea lineolata

NIGERIA:

Ceratitis colae(?)
Cylas puncticollis
Lyctus brunneus
Pheidole megacephala

NORWAY:

Argyroplote lacunana
Gelechia ericetella
Parthenothrips dracaenae
Taeniothrips atratus
T. ericae
Thrips flavus

OKINAWA:

Parlatoria zizyphus

OKINAWA(?):

Spodoptera mauritia acronyctoides

PAKISTAN:

Heterobostrychus aequalis
Ozycaenus hyalinipennis
Pectinophora gossypiella
Sinoxylon anale
Trogoderma granarium

PALMYRA ISLAND:

Selenothrips rubrocinctus

PANAMA:

Acanthoscelides armitagei
Anastrepha ludens
A. mombinpraeoptans
Ancylostomia stercorea
Aspidiotus destructor
Asterolecanium bambusae
Cerconota anonella
Cosmopolites sordidus
Cyclocephala discicollis
Euscepes postfasciatus
Fundella pellucens
Geniotes panamensis
Liogenys macropelma
L. quadridens
Maruca testulalis
Nasutitermes ephratae

Countries of Origin and Insects—Continued

PANAMA—Continued

Stenomoma catenifer
Unaspis citri
Vinsonia stellerifera

PANAMA(?):

Aeneolamia reducta

PERU:

Acanthoscelides armitagei
Aleurodicus iridescens
Ceratitidis capitata
Epinotia aporema
Mescinia peruela
Nasutitermes chaquimayensis
Pentalonia nigronervosa
Stenomoma catenifer
Subulina octona

PHILIPPINES:

Aleurotuberculatus jasmini
Aspidiotus destructor
Aulacaspis tubercularis
Caryedon gonagra
Chilo suppressalis
Chrysomphalus tingi
Cylas formicarius formicarius
Dacus cucurbitae
D. dorsalis
Dialeurodes kirkaldyi
Heterobostrychus aequalis
Mimegralla coeruleifrons
Mniothrips lichenigera
Opeas pyrgula
Oxyambulyx substrigilis
Parlatoria citri
P. zizyphus
Pheidole megacephala
Prodenia litura
Pseudococcus lilacinus
P. neobrevipes
Suidasia medianensis
Unaspis yanonensis

POLAND:

Blastodacna atra
Frankliniella intonsa
Haplothrips aculeatus
Pericopia malvella
Rhagoletis cerasi
Taeniothrips atratus
T. dianthi
T. ericae
Thrips flavus

PORTUGAL:

Aphidura pufoli
Bruchus azoricus
B. emarginatus
B. lentis
B. rufipes luteicornis
B. tristiculus
Ceratitidis capitata
Cochlicella ventrosa
Cryptoblabes gnidiella
Curculio elephas
Helix aspersa
Laspeyresia splendana
Opogona sacchari
Ovatus crataegarius
Rhagoletis cerasi
Sesamia nonagriodes
Theba pisana
Udea ferrugalis

PUERTO RICO:

Aceria pluchaeae
Anastrepha mombinpraeoptans
A. suspensa
Ancylostoma stercorea
Cylas formicarius elegantulus
Diaprepes abbreviatus
Empoasca kraemeri
Euscepes postfasciatus
Euzesta eluta
Geocoris thoracicus
Haplothrips gowdeyi
Maruca testulalis
Metamasius hemipterus hemipterus
Pheidole megacephala
Platynota rostrana

Sphenarches caffer
Vinsonia stellerifera

REPUBLIC OF SOUTH AFRICA:

Anliarhinus zamiae
Aspidiotus capensis (tentative)
Ceratitidis capitata
Dacus oleae
Haplothrips gowdeyi
Phlyctinus callosus
Pseudothrips glaucus
Scantius forsteri
Stephanoderes hampei
Theba pisana

REPUBLIC OF THE CONGO:

Apate monachus
Bruchidius unicolor(?)
Heterobostrychus brunneus
Minthea rugicollis
Xyloperthella cinitarsis
X. picea

ST. KITS:

Anastrepha mombinpraeoptans
Choranthus vitellius
Dolicocephalus maculellus

ST. MARTIN:

Anastrepha mombinpraeoptans
Pheidole megacephala

SCOTLAND:

Cladius pectinicornis
Gelechia ericetella
Taeniothrips atratus
T. ericae
Thrips flavus

SENEGAL:

Caryedon gonagra
Ceratitidis capitata
Hellula undalis
Leucinodes orbonalis
Maruca testulalis

SEYCHELLES:

Trogoderma granarium

SIERRA LEONE:

Cylas puncticollis

SPAIN:

Aleurolobus olivinus
Brachycerus algrus
Bruchus lentis
B. rufipes
B. signaticornis
Cacoecimorpha pronubana
Cenopalpus pulcher
Ceratitidis capitata
Chilo suppressalis
Cochlicella barbara
C. ventrosa
Cryptoblabes gnidiella
Curculio elephas
Dacus oleae
Dyspessa ulula
Ectomyelois ceratoniae
Helicella arigonis
H. caperata
H. conspurcata
H. maritima
H. variabilis
H. virgata
Helix aspersa
Kaloterms flavicollis
Laspeyresia nigricana
L. splendana
Macroglossum stellatarum
Mamestra brassicae
Parlatoria zizyphus
Rhagoletis cerasi
Sesamia cretica
S. nonagriodes
Taeniothrips picipes
Theba pisana

SUDAN:

Trogoderma granarium

SURINAM:

Fundella pellucens
Maruca testulalis

SWEDEN:

Frankliniella intonsa

Countries of Origin and Insects—Continued

SWEDEN—Continued

Ostrinia nubilalis
Taeniothrips atratus
Tephritis conura
Thrips major

SWITZERLAND:

Cladius pectinicornis
Curculio elephas
C. nucum
Frankliniella intonsa
Gelechia ericetella
Laspeyresia splendana
Melolontha melolontha
Stenopitilia stigmatodactyla
Thrips flavus

TAHITI:

Dialeurodes kirkaldyi
Morganella longispina
Parlatoria cinerea
Pulvinaria psidii

THAILAND:

Caryedon gonagra
Dacus cucurbitae
Heterobostrychus aequalis
Ostrinia nubilalis
Orydema longulum
Parlatoria citri
Trogoderma granarium

TORTOLA:

Anastrepha mombinpraeoptans
Euscepes postfasciatus
Melormenis antillarum

TRINIDAD:

Acanthoscelides armitagei
Aganactesis indecora
Ancylostomia stercorea
Aspidiotus excisus
Cylas formicarius elegantulus
Euscepes postfasciatus
Sphenarches caffer
Vinsonia stellifera

TURKEY:

Bruchus ervi
B. lentis
Helicella cretica
H. derbentina
H. protea
H. variabilis
Helix figulina
Monacha olivieri
Otala vermiculata
Rhagoletis cerasi(?)

UNION OF SOVIET SOCIALIST REPUBLICS:

Haplothrips tritici

UNITED ARAB REPUBLIC:

Bruchus lentis
Ceratitidis capitata
Gnorimoschema ocellatella

UNKNOWN:

Achaea janata
Aethus indicus
Anastrepha mombinpraeoptans
Ancylostomia stercorea
Arge ochropus
Asterobemisia carpinii
Brevipalpus chilensis
Bruchus ervi
B. lentis
Caryedon gonagra
Ceratitidis capitata
Ceroplastes rubens
Chalciope hyppasia
Chrysomphalus personatus
Clysiina ambigua
Cochlicella ventrosa
Cryptoblabes gnidiella
Diabrotica speciosa
Diatraea oleracea
Dyspessa ulula
Ectomyelois ceratoniae
Eucalymnatus tessellatus
Euzesta eluta
Frankliniella intonsa
F. sulphurea
Geniastes panamensis

Helicella itala
H. protea
H. pyramidata
Helix aspersa
Hymenia perspectalis
Laspeyresia splendana
Liogenys macropelma
Lyctus africanus
Macrosiphum ibarae(?)
Marasmia poealis
Minthea rugicollis
Nephotettix apicalis
Opeas pumilum
Ostrinia nubilalis
Otala vermiculata
Oryctopus vittata
Parastictis monoglypha
Parlatoria cinerea
P. zizyphus
Pectinophora gossypiella
Phytomyza rufipes
Prodenia litura
Pyropototia pryeri
Rhagoletis cerasi
Rhynchophorus palmarum
Sesamia cretica
Sinozylon anale
Sitona cylindricollis
S. hispidula
Spodoptera mauritia acronyctoides
S. pecten
Stenoma catenifer
Stephanoderes hampei
Sylepta balteata
Taeniothrips atratus
Theba pisana
Thrips angusticeps
T. flavus
T. major
T. pillichi
Trogoderma granarium
Unaspis yanonensis
Vinsonia stellifera

URUGUAY:
Ceratitidis capitata

VENEZUELA:
Asterolecanium epidendri
Cryptoblabes gnidiella
Epinotia aporema
Nasutitermes corniger
Pectinophora gossypiella
Stenoma catenifer

VIETNAM:
Cryptophlebia ombrodelta
Heterobostrychus aequalis
Parlatoria citri
P. zizyphus

WAKE ISLAND(?):
Parlatoria zizyphus

WEST AFRICA:
Caryedon gonagra
Cordylomera spinicornis(?)
Heterobostrychus brunneus
Pachybrachius albocinctus
Xyloperthella picea
Xyloperthodes nitidipennis(?)

WEST INDIES (island(?)):
Aeneolamia reducta
Ancylostomia stercorea
Euzesta eluta

WEST PACIFIC:
Pentalonia nigronervosa
Spodoptera mauritia acronyctoides
Utethesia pulchella

YUGOSLAVIA:
Bruchidius marginalis
Bruchus rufipes
B. tristis
Cryptoblabes gnidiella
Curculio elephas
Opogona sacchari
Otala lactea
Taeniothrips atratus

ZANZIBAR:
Sinozylon conigerum

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
† <i>Alternaria zinniae</i> Pape: <i>Zinnia</i> sp. (seed).....	Italy.....			1	N.J.
† <i>Anthostomella leucobasis</i> Ell. & Mart.: <i>Chamaedorea</i> sp. (palm) leaf.....	Mexico.....	1			Tex.
† <i>Aphelenchoides blastophthorus</i> Franklin, 1952: <i>Convallaria majalis</i> (lily-of-the-valley).....	Denmark.....			1	N.Y.
† <i>Aphelenchoides parietinus</i> (Bastian, 1865) Steiner, 1932: Soil with <i>Samanea saman</i> (raintree saman) log. <i>Ascochyta citri</i> Penz.: <i>Citrus limon</i> (lemon).....	Fiji.....	1			Hawaii.
	†Federation of Malaysia, unknown.		2		Calif.*
	Japan.....		2		Calif.*
<i>C. sinensis</i> (sweet orange).....					
<i>Ascochyta sorghina</i> Sacc.: <i>Sorghum vulgare</i> (sorghum).....	Mexico.....	1			Tex.
<i>Botryosphaeria berengeriana</i> de N. var. <i>araucariae</i> Sacc. (<i>Dothiorella araucariae</i> stage): <i>Araucaria angustifolia</i> (Parana araucaria) seed.....	Republic of South Africa.....			1	N.Y.
do.....	do.....	1			N.Y.
† <i>Camarosporium ellipticum</i> Cke. & Harkn.: <i>Mesembryanthemum linguiforme</i> (stem).....					
†Carnation mottle virus: <i>Dianthus caryophyllus</i> (carnation).....	Italy.....			1	N.J.
<i>Cercospora angraci</i> Feuill. & Roum.: <i>Odontoglossum</i> sp. (orchid) leaf.....	England.....			1	N.J.
<i>Cercospora brachiata</i> Ell. & Ev. (Syn.: <i>C. canescens</i>): <i>Phaseolus vulgaris</i> cv. (string bean).....	Puerto Rico.....	3			P.R.
† <i>Cercospora insulana</i> Sacc.: <i>Limonium sinuatum</i> (notchleaf sea-lavender) stem and leaf.....	Haiti.....	1			Fla.
† <i>Cercospora jujubae</i> Chowdhury: <i>Zizyphus jujuba</i> (common jujube) leaf.....	Thailand.....			1	Fla.
<i>Cercospora kalmiae</i> Ell. & Ev.: <i>Kalmia latifolia</i> (mountain-laurel kalmia) leaf.....	Europe (country(?)).....		4		N.Y.
† <i>Cercospora longissima</i> Sacc.: <i>Lactuca sativa</i> (lettuce) leaf.....	British Honduras.....	1			Fla.
<i>Chrysomya ledi</i> d By. var. <i>rhododendri</i> (d By.) Savile: <i>Rhododendron ferrugineum</i> (rock rhododendron) leaf.....	Switzerland.....	9			N.Y.
<i>Rhododendron</i> sp.....	Austria, †Norway(?), Switzerland.....	19			Fla., N.Y.
† <i>Coccostroma chamaedoreae</i> (Syd.) Arx & Müller: <i>Chamaedorea</i> sp. (palm) leaf.....	Mexico.....	1			Tex.
† <i>Coniothecium scabrum</i> McAlp.: <i>Citrus sinensis</i> (sweet orange).....	Mexico, Republic of South Africa, Spain.....	1	2		Calif.,* Hawaii, N.C.
† <i>Corynespora cassicola</i> (Berk. & Curt.) Wei: <i>Lycopersicon esculentum</i> (tomato).....	Guatemala.....	1			Fla.
† <i>Criconea celetum</i> Wu, 1960: Soil with <i>Camellia</i> sp.....	Portugal.....			1	N.Y.
† <i>Criconea fimbriatum</i> Cobb in Taylor, 1936: Soil with <i>Begonia</i> sp.....	Mexico.....			1	Tex.
<i>Criconeoides curvatum</i> Raski, 1952: Soil with <i>Begonia</i> sp.....	Argentina.....			1	N.Y.
Soil with <i>Camellia</i> sp.....	†Portugal.....			1	N.Y.
Soil with <i>Mentha</i> sp.....	Mexico.....			1	Tex.
† <i>Criconeoides informe</i> (Micoletzky, 1922) Taylor, 1936: Soil with <i>Fagus</i> sp. and <i>Picea</i> sp.....	Germany.....			1	Calif.*
<i>Criconeoides mutabile</i> Taylor, 1936: Soil with <i>Amaryllis</i> sp. (bulb).....	Mexico.....			1	Tex.
Soil with <i>Dahlia</i> hybrid.....	do.....			1	Ariz.
Soil with <i>Mangifera indica</i> (mango) seedling.....	do.....			1	Tex.
Soil with unidentified plants.....	do.....			1	Tex.
<i>Cronartium ribicola</i> Fisch. v. Waldh.: <i>Ribes</i> sp. (leaf).....	Germany.....			1	Mass.

See footnotes at end of table.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Cryptospora longispora</i> Servazzi:					
<i>Araucaria excelsa</i> (seed).....	Unknown.....			1	N.J.
<i>Cumminsia mirabilissima</i> (Pk.) Nannf.:					
<i>Mahonia aquifolium</i> 'Darkpurple' (leaf).....	Netherlands.....			1	N.Y.
<i>Cylindrosporium castaneae</i> (Lév.) Krenner:					
<i>Castanea</i> sp. (chestnut) plant.....	Italy.....			1	N.Y.
<i>Diaporthe eres</i> Nits. (<i>Phomopsis pterophila</i> stage):					
<i>Fraxinus excelsior</i> 'Weeping' (weeping European ash) seed.....	do.....			1	N.J.
<i>Ditylenchus dipsaci</i> (Kühn, 1857) Filipjev, 1936:					
<i>Narcissus</i> sp. (bulb).....	England.....			2	N.J.
<i>Dothiorella barringtoniae</i> (Cke. & Massee) Petr. & Syd.:					
<i>Barringtonia speciosa</i> (India barringtonia) seed pod.....	Hawaii.....	1			Calif.*
† <i>Dothiorella eucalypti</i> (Berk. & Br.) Sacc.:					
<i>Eucalyptus</i> sp. (leaf).....	Australia.....	1			N.Y.
† <i>Echinodella guatemalensis</i> Bat. et al:					
<i>Annona muricata</i> (sour sop) leaf.....	Dominican Republic.....	1			N.Y.
<i>Elsinoe australis</i> Bitanc. & Jenkins:					
<i>Citrus aurantifolia</i> (sour lime).....	Argentina, Brazil.....	1	14		Calif.* Fla., Ala., Calif.,*
<i>C. limon</i> (lemon).....	Argentina, Brazil, Uruguay.....	3	20		Fla., La., N.Y.
<i>C. paradisi</i> (grapefruit).....	Paraguay.....		1		N.Y.
<i>C. reticulata</i> (Mandarin orange).....	Argentina, Brazil, South America (country(?)), unknown, Uruguay.....	9	38		Ala., Calif.,* Fla., La., N.Y., Pa., P.R.
<i>C. reticulata</i> cv.....	Argentina, South America (country(?)), unknown.....	1	13		N.Y.
<i>C. sinensis</i> (sweet orange).....	Argentina, Brazil, Paraguay, South America (country(?)), unknown, Uruguay.....	15	94		Ala., Calif.,* Fla., Ga., Hawaii, La., Md., Mass., N.Y., Pa., P.R., Tex.
<i>Elsinoe mangiferae</i> Bitanc. & Jenkins:					
<i>Mangifera indica</i> (mango).....	†Costa Rica, Dominican Republic, †Jamaica, Mexico, Puerto Rico, unknown.....	22	1		Fla., P.R., Tex.
† <i>Elsinoe rosarum</i> Jenkins & Bitanc.:					
<i>Rosa hybrid</i> (leaf).....	Italy.....	1			N.Y.
† <i>Fusarium avenaceum</i> (Fr.) Sacc.:					
<i>Triticum aestivum</i> (wheat) seed.....	France.....	1			N.J.
† <i>Fusarium nivale</i> Ces.:					
<i>Triticum aestivum</i> (wheat) seed.....	do.....	1			N.J.
† <i>Fusicladium pyracanthae</i> (Othh) Rostr.:					
<i>Pyracantha atalantoides</i> (lirethorn).....	Germany.....			1	D.C.
"Greasy spot":					
<i>Citrus reticulata</i> (Mandarin orange).....	†Argentina.....		1		Fla.
<i>Citrus</i> sp.....	Dominican Republic, †Haiti, Mexico.....	6			Fla., N.Y., Tex.
† <i>Guignardia bidwellii</i> (Ell.) Viala & Ravaz (<i>Phyllosticta</i> stage):					
<i>Vitis</i> sp. (grape) leaf.....	Honduras.....	1			Fla.
<i>Guignardia citricarpa</i> Kiely (<i>Phoma</i> stage):					
<i>Citrus aurantifolia</i> (lime).....	Vietnam.....	1			Hawaii.
<i>C. aurantium</i> (sour orange).....	Japan.....		5		Calif.* Wash.
<i>C. grandis</i> (pummelo).....	Japan, Thailand.....	1	1		Calif.*
<i>C. limon</i> (lemon).....	Australia, Formosa, India(?), Japan, Republic of South Africa, unknown.....	2	59		Calif.* Fla., Hawaii, N.Y., Oreg., Pa., S.C., Tex., Va.
<i>C. paradisi</i> (grapefruit).....	Australia, China(?), Japan, Republic of South Africa, Tabiti(?), unknown.....	1	13		Calif.* Fla., Hawaii, N.Y., Pa. S.C.

See footnotes at end of table.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Guignardia citricarpa</i> Kiely—Continued					
<i>C. reticulata</i> (Mandarin orange)-----	Australia, China, Formosa, Hong Kong, Japan, Okinawa, Philippines, unknown, Vietnam.	111	6	-----	Calif.,* Hawaii, Pa., S.C., Tex., Wash.
<i>C. sinensis</i> (sweet orange)-----	Australia, Brazil, China, Formosa, Hong Kong, Japan, Republic of South Africa, unknown.	56	260	-----	Calif.,* Fla., Ga., Hawaii, La., Md., Mass., N.Y., N.C., Pa., S.C., Tex., Wash.
<i>Citrus</i> sp. (dried peel)-----	China, Hong Kong, Japan, Pakistan, unknown.	40	-----	-----	Calif.,* Fla., N.Y. Tex., Wash.
<i>Gymnosporangium harae</i> Syd.: <i>Juniperus chinensis</i> (pyramid Chinese juniper) dwarf tree.	Japan-----	-----	-----	1	Calif.*
<i>Helicotylenchus manni</i> Steiner, 1945: (Syn.: <i>H. dihystra</i>)					
Soil with <i>Allium</i> sp. (onion)-----	Mexico-----	1	-----	-----	-----
Soil with plants (<i>Begonia</i> sp., <i>Caladium</i> sp., <i>Chamaedorea</i> sp., <i>Coleus</i> sp., <i>Dracaena</i> sp., <i>Euphorbia</i> sp., <i>Mangifera indica</i> , <i>Mentha</i> sp., and unidentified plants).	Argentina, Brazil, Hawaii, Japan, Mexico, Philippines	-----	1	15	Tex. Hawaii, N.Y. Tex.
† <i>Helminthosporium cynodontis</i> Marig.: <i>Cynodon dactylon</i> (Bermuda grass) stolon-----	India-----	-----	-----	1	D.C.
<i>Cynodon</i> sp. (dogtooth grass) stolon-----	Republic of South Africa.	-----	-----	1	D.C.
† <i>Hemicriconemoides mangiferae</i> Siddiqi, 1961: Soil with <i>Coleus</i> sp.-----	Mexico-----	-----	-----	1	Tex.
<i>Heterodera avenae</i> Wollenweber, 1924: Soil with automobile-----	France-----	1	-----	-----	N.Y.
Soil with <i>Dahlia</i> hybrid-----	Germany-----	-----	-----	1	Ill.
<i>Heterodera punctata</i> Thorne, 1928: Soil with automobile-----	England, Europe (country?), Germany.	5	-----	-----	Calif.,* Fla., N.Y., Tex.
Soil with plants (<i>Calluna vulgaris</i> , <i>Cissus</i> sp., grass, succulent, and unidentified plants).	Czechoslovakia, England, Germany, Ireland, Mexico, Norway, Scotland.	-----	2	9	Ariz., Fla., Ill., Mich. N.Y.
Soil with stores (<i>Apium graveolens</i> var. <i>dulce</i> , <i>Amaracia lapathifolia</i> , and <i>Solanum tuberosum</i>).	England, Germany-----	-----	3	-----	Calif.,* La., N.Y.
<i>Heterodera rostochiensis</i> Wollenweber, 1923: Soil with <i>Allium sativum</i> (garlic)-----	Peru-----	3	-----	-----	N.Y.
Soil with automobile-----	England, Germany-----	2	-----	-----	La., Pa.
Soil with plants (<i>Amaryllis</i> sp., cactus, <i>Calluna vulgaris</i> , <i>Dahlia</i> hybrid, <i>Fragaria</i> sp., grass, <i>Hedera helix</i> , <i>Primula</i> sp., <i>Prunus</i> sp., <i>Rubus</i> sp., <i>Salvia officinalis</i> , <i>Sedum</i> sp., <i>Trifolium repens</i> cv., unidentified plants, and <i>Zantedeschia</i> sp.).	England, Germany, Ireland, Northern Ireland, Scotland, Sweden, unknown.	-----	-----	19	Calif.,* Fla., Ill., Md., Mass., Mich., N.J. N.Y.
Soil with <i>Solanum</i> spp. (tubers)-----	South America (country?)	-----	-----	1	D.C.
Soil with stores (<i>Apium graveolens</i> var. <i>dulce</i> , <i>Daucus carota</i> var. <i>sativa</i> , and <i>Solanum tuberosum</i>).	Argentina, Canary Islands, England, Netherlands, Norway.	-----	6	-----	Calif.,* Fla., Mich.
Soil with <i>Trifolium repens</i> cv. (shamrock) leaf-----	Ireland-----	1	-----	-----	Ill.
† <i>Hypozygion folicola</i> J. H. Miller: <i>Chamaedorea elegans</i> (palm) leaf-----	Mexico-----	1	-----	-----	Tex.
<i>Chamaedorea</i> sp. (leaf)-----	do-----	3	-----	-----	Tex.
† <i>Lacellina graminicola</i> Sacc.: <i>Panicum maximum</i> (Guinea grass)-----	do-----	1	-----	-----	Tex.
† <i>Leprieurina winteriana</i> Arn.: <i>Annona muricata</i> (soursop) leaf-----	Dominican Republic-----	1	-----	-----	N.Y.
<i>Leptosphaeria protearum</i> Syd.: <i>Protea cynaroides</i> (honeypot protea) leaf-----	Republic of South Africa.	1	-----	-----	N.Y.
<i>Protea</i> sp. (leaf)-----	do-----	2	-----	-----	Mass., N.Y.

See footnotes at end of table.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Macrophoma araucariae</i> De Lac.:					
<i>Araucaria cookii</i> (seed).....	New Zealand.....			1	Calif.*
<i>A. cunninghamii</i> (Cunningham araucaria) seed.....	New Guinea, New Zealand.....			4	Calif.*
<i>A. klinkii</i> (seed).....	New Guinea.....			1	Calif.*
<i>Macrophoma dalmatica</i> (Thuem.) Berl. & Vogl.:					
<i>Olea europaea</i> (olive).....	Lebanon.....	1			N.Y.
<i>Macrophoma musae</i> (Cke.) Berl. & Vogl.:					
<i>Musa</i> × <i>paradisica</i> (banana).....	†Formosa, Hawaii.....	1	1		Calif.*
<i>Macrophoma oleae</i> (D.C.) Berl. & Vogl.:					
<i>Olea europaea</i> (olive).....	Italy.....	1			N.Y.
† <i>Melanconium palmarum</i> Cke.:					
<i>Chamaedorea</i> sp. (palm) leaf.....	Mexico.....	1			Tex.
† <i>Meliola butleri</i> Syd.:					
<i>Citrus reticulata</i> (Mandarin orange).....	Philippines.....	1			Hawaii.
<i>Meloidogyne arenaria</i> (Neal, 1889) Chitwood, 1949:					
<i>Alocasia</i> sp. (root).....	Mexico.....			2	Tex.
<i>Coriandrum sativum</i> (?) (root).....	†Nicaragua.....			1	Fla.
Plant—unidentified (root).....	do.....			1	Fla.
<i>Solanum tuberosum</i> (potato).....	Brazil.....		1		La.
<i>Zingiber officinale</i> (ginger) root.....	†Nicaragua.....			1	Fla.
<i>Meloidogyne hapla</i> Chitwood, 1949:					
<i>Anemone japonica</i> (Japanese anemone) root.....	Germany.....			1	N.J.
<i>Bredia tuberculata</i> (root).....	†Ireland.....			1	D.C.
<i>Clematis</i> hybrid (root).....	Netherlands.....			3	N.Y.
<i>Dahlia</i> hybrid (root).....	Japan.....			1	Hawaii
<i>Impatiens petersiana</i> (Peters snapweed).....	†Ireland.....			1	D.C.
<i>Phyllagathis rotundifolia</i> (Sumatra metalleaf).....	do.....			1	D.C.
<i>Ranunculus acrifolius</i> 'Double' (aconite buttercup) root.....	Netherlands.....			1	N.J.
Root—unidentified.....					
<i>Rosa</i> hybrid (root).....	†Lebanon.....			1	D.C.
<i>Meloidogyne incognita</i> (Kofoid and White, 1919) Chitwood, 1949:	†Portugal.....			1	N.J.
<i>Begonia</i> sp. (root).....					
<i>Echeveria</i> sp. (root).....	Mexico.....			1	Tex.
<i>Gardenia</i> sp. (root).....	Republic of South Africa.....			1	Tex.
<i>Lilium</i> sp. (root).....	Mexico.....			1	Tex.
<i>Meloidogyne incognita acrita</i> Chitwood, 1949:	do.....			1	Ariz.
<i>Anthurium</i> sp. (root).....					
<i>Begonia multiflora</i> 'Helen Haerens' (tuber).....	Colombia.....			1	Tex.
<i>Begonia</i> sp. (root).....	Netherlands.....			1	N.J.
<i>Caladium</i> sp. (root of bulb).....	Costa Rica.....			1	Fla.
<i>Calopsis volkensii</i> (root).....	Guatemala.....			1	Tex.
<i>Gerbera</i> sp. (root).....	England.....			1	D.C.
<i>Ipomoea batatas</i> (sweetpotato).....	Trinidad.....			1	Fla.
<i>Lactuca sativa</i> (lettuce) root.....	Japan.....		1		Calif.*
<i>Ornithogalum thyrsoides</i> (Cape chinkerichee) root of bulb.....	†Senegal.....		1		Mass.
<i>Philodendron</i> sp. (root).....	Republic of South Africa.....			1	N.J.
<i>Yucca</i> sp. (root).....	Mexico.....			1	Tex.
<i>Meloidogyne incognita incognita</i> (Kofoid and White, 1919) Chitwood, 1949:	do.....			1	Tex.
<i>Ornithogalum thyrsoides</i> (Cape chinkerichee) root of bulb.....					
<i>Meloidogyne javanica</i> (Treub, 1885) Chitwood, 1949:	Republic of South Africa.....			1	N.J.
<i>Canna</i> sp. (root).....					
<i>Dieffenbachia amoena</i> (root).....	Mexico.....			1	Tex.
<i>Ornithogalum thyrsoides</i> (Cape chinkerichee) root of bulb.....	do.....			1	Tex.
Plant—unidentified (root).....	Republic of South Africa.....			1	N.J.
<i>Solanum tuberosum</i> (potato).....	†Nicaragua.....			1	Fla.
<i>Microsphaera alni</i> Wint.:	Brazil.....		2		La.
<i>Ledum</i> sp. (?) (leaf).....					
† <i>Microthyrium laurentii</i> P. Henn.:	Canada.....			1	Wash.
<i>Coffea</i> sp.....					
<i>Monilinia fructigena</i> (Aderh. & Ruhl.) Honey:	Mexico.....	2			Ariz.
<i>Malus sylvestris</i> (apple).....					
<i>Prunus domestica</i> (plum).....	†Switzerland.....		1		Calif.*
<i>Prunus</i> sp. (cherry).....	Germany.....		1		Calif.*
	France, Italy, Spain.....		3		N.Y., Pa.

See footnotes at end of table.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in
		Consumption	Nonentry	Propagation	
<i>Mycosphaerella advena</i> Syd.: <i>Chamaedorea</i> sp. (palm) stem	Mexico	1			Tex.
<i>Mycosphaerella colorata</i> Ell. & Ev. (<i>Phyllosticta kalmicola</i> stage): <i>Kalmia latifolia</i> (mountain-laurel kalmia)	Europe (country(?))		3		N.Y.
<i>Mycosphaerella schoenoprasii</i> (Ces. & de N.) Schroet.: <i>Allium cepa</i> (onion) top	Japan, Sweden		3		Calif.*
<i>A. porrum</i> (leek) top	Japan		7		Calif.*
<i>Allium</i> sp.	do.		1		Calif.*
† <i>Mycosphaerella tetraspora</i> Seaver: <i>Commelina</i> sp. (dayflower) leaf	Puerto Rico			1	P.R.
† <i>Myiocypron orchidearum</i> (Mont.) Sacc.: <i>Epidendrum</i> sp. (orchid)	Canal Zone			1	Hawaii.
<i>Neovossia horrida</i> (Tak.) Padw. & A. Khan (Syn.: <i>Tilletia horrida</i>): <i>Oryza sativa</i> (rice) hulls and straw	Japan		128		Calif.*
† <i>Phaeoseptoria oryzae</i> Miyake: <i>Oryza sativa</i> (rice)	Mexico			1	Tex.
<i>Phakopsora gossypii</i> (Arth.) Hirat. f.: <i>Gossypium</i> sp. (cotton) leaf	Haiti, Jamaica	2			Fla., N. Y.
<i>Phakopsora jatrochicola</i> Cumm.: <i>Jatropha curcas</i> (Barbados-nut) leaf	Dominican Republic, †Haiti, †Nicaragua.	1			Fla.
<i>J. gossypifolia</i> (bellyache nettlespurge) leaf	Dominican Republic, †Haiti, †Nicaragua.	5			Fla.
<i>Phoma cajani</i> Rangel: <i>Cajanus cajan</i> (pigeonpea)	†Dominican Republic, Puerto Rico.	3			Fla., P.R.
<i>Phoma samararum</i> Desm.: <i>Frazinus</i> sp. (ash) samara	Norway			1	Wash.
<i>Phomopsis cocoes</i> Petch: <i>Cocos nucifera</i> (coconut) nut cap	Hawaii, Philippines	1	1		Calif.*
<i>Phomopsis conorum</i> (Sacc.) Died.: <i>Picea</i> sp. (spruce) seedling	Germany			1	Calif.*
† <i>Phomopsis detrusa</i> (Sacc.) Died.: <i>Nandina domestica</i> (seed berry)	Japan			1	Calif.*
<i>Phyllachora cynodontis</i> (Sacc.) Niessl: <i>Cynodon dactylon</i> (Bermuda grass)	India			1	D.C.
† <i>Phyllachora graminis</i> (Fr.) Fekl.: Grass—unidentified	Canada			1	N.Y.
<i>Phyllactinia guttata</i> (Fr.) Lév.: <i>Ulmus</i> sp. (elm) leaf	Mexico	1			Tex.
<i>Phyllosticta aucubicola</i> Sacc.: <i>Aucuba japonica</i> 'Croton'	Belgium			1	N.J.
† <i>Phyllosticta batatas</i> (Thuem.) Cke.: <i>Ipomoea batatas</i> (sweetpotato) leaf	Puerto Rico			1	P.R.
† <i>Phyllosticta coccolabae</i> Ell. & Ev.: <i>Coccoloba wifera</i> (common seagrape) leaf	do.	1			P.R.
† <i>Phyllosticta cocos</i> Cke.: <i>Chamaedorea</i> sp. (palm) frond	Mexico	1			Tex.
† <i>Phyllosticta coffeicola</i> Delacr.: <i>Coffea</i> sp. (leaf)	Costa Rica	2			Fla.
† <i>Phyllosticta hibiscina</i> Ell. & Ev.: <i>Hibiscus rosa-sinensis</i> (Chinese hibiscus) leaf	Bahamas			1	Fla.
† <i>Phyllosticta ilicicola</i> (Cke. & Ell.) Ell. & Ev.: <i>Ilex yunnanensis</i> (Yunnan holly) leaf	Mexico(?)		1		Fla.
<i>Phyllosticta ruscicola</i> Dur. & Mont.: <i>Ruscus</i> sp. (butchersbroom)	Italy	1			La.
† <i>Phyllosticta sorbi</i> West. var. <i>terminalis</i> Grove: <i>Sorbus aucuparia</i> (European mountain-ash) seed	Belgium			1	N.J.
† <i>Polyporus phocinus</i> Berk.: <i>Samanea saman</i> (raintree saman) log	American Samoa	1			Hawaii.
<i>Pratylenchus convallariae</i> Seinhorst, 1959: <i>Convallaria majalis</i> (lily-of-the-valley) pip	Denmark			1	N.Y.
<i>Pratylenchus penetrans</i> (Cobb, 1917) Filipjev & Schuurmans Stekhoven, 1941: <i>Dahlia</i> 'Aquila' (root)	Republic of South Africa, †Portugal.			1	N.J.
Soil with <i>Camellia</i> sp.				1	N.Y.

See footnotes at end of table.

† Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Pseudomonas syringae</i> v. Hall(?): <i>Citrus limon</i> (lemon).....	Italy, †Portugal, unknown.	2	1	-----	Mass., N.Y.
<i>Puccinia buxi</i> DC.: <i>Buxus sempervirens</i> (boxwood) leaf.....	England, Europe (country(?)), France, Ireland, †Switzerland, un- known.	8	47	3	Calif., *Mass., N.Y., Wash.
† <i>Puccinia cyperi</i> Arth.: <i>Cyperus</i> sp. (flatsedge) leaf.....	Peru.....	1	-----	-----	Fla.
† <i>Puccinia dochmia</i> Berk. & Curt.(?): <i>Muhlenbergia</i> sp. (muhly) grass packing.....	Mexico.....	1	-----	-----	Ariz.
† <i>Puccinia erythropus</i> Diet.: <i>Miscanthus sinensis</i> (Chinese silvergrass).....	Japan.....	-----	1	-----	Hawaii.
<i>Puccinia horiana</i> P. Henn.: <i>Chrysanthemum leucanthemum</i> (ox-eye daisy).....	do.....	-----	1	-----	Hawaii.
<i>C. morifolium</i> (florists chrysanthemum).....	do.....	5	-----	-----	Hawaii.
<i>Chrysanthemum</i> sp.....	do.....	6	24	-----	Calif., * Hawaii.
† <i>Puccinia iridis</i> Rab.: <i>Iris</i> hybrid (leaf).....	Austria.....	-----	-----	1	N.J.
<i>Puccinia longicornis</i> Pat. & Har.: Bamboo (leaf).....	Japan.....	-----	1	-----	Wash.
† <i>Puccinia menthae</i> Pers.: <i>Mentha</i> sp. (mint) leaf.....	Haiti.....	1	-----	-----	Fla.
<i>Puccinia oncidii</i> Cumm.: <i>Oncidium</i> sp. (orchid) leaf.....	Ecuador.....	-----	-----	2	N.Y.
<i>Puccinia ornithogalli-thyrsoides</i> Diet.: <i>Ornithogalum thyrsoides</i> (Cape chinkerlichee) stem.....	Republic of South Africa.	3	-----	-----	N.J., N.Y.
<i>Puccinia striiformis</i> West.: <i>Triticum aestivum</i> (wheat) straw.....	France.....	1	-----	-----	Fla.
† <i>Puccinia thaliae</i> Diet.: <i>Canna</i> sp. (leaf).....	Honduras.....	1	-----	-----	Fla.
<i>Puccinia urbaniana</i> P. Henn.: <i>Stachytarpheta jamaicensis</i> (Jamaica falsevaler- ian) leaf.....	†Dominican Repub- lic, Puerto Rico.	2	-----	-----	Fla., P.R.
<i>Radopholus similis</i> (Cobb, 1893) Thorne, 1949: <i>Anthurium</i> sp. (root).....	Hawaii.....	-----	-----	2	Calif.* Hawaii.
<i>Zingiber officinale</i> (ginger) rhizome.....	do.....	1	-----	-----	-----
<i>Ravenelia spegazziniana</i> Linguist: <i>Acacia</i> sp., prob. <i>farnesiana</i> (sweet acacia).....	Mexico.....	-----	-----	1	Ariz.
† <i>Rhytisma decolorans</i> Fr.: <i>Lyonia</i> sp. (leaf).....	Nepal.....	-----	-----	1	D.C.
Rose mosaic: <i>Rosa</i> hybrid.....	Guatemala.....	-----	1	-----	Fla.
†Rose mosaic—yellow type: <i>Rosa</i> hybrid.....	Haiti.....	1	-----	-----	Fla.
† <i>Rotylenchus goodeyi</i> Loof and Oostenbrink, 1958: <i>Armoracia lapathifolia</i> (horseradish).....	England.....	-----	1	-----	Hawaii.
<i>Rotylenchus robustus</i> (deMan, 1876) Filipjev, 1936: <i>Armoracia lapathifolia</i> (horseradish).....	do.....	-----	1	-----	Hawaii.
Soil with Euphorbiaceae (plant).....	do.....	-----	-----	1	Md.
† <i>Rotylenchus uniformis</i> (Thorne, 1949) Loof and Oostenbrink, 1958: Soil with <i>Camellia</i> sp.....	Portugal.....	-----	-----	1	N.Y.
Soil with "shamrock".....	Ireland.....	1	-----	-----	Md.
† <i>Scirrhia rimosa</i> (Alb. & Schw.) Fekl.: <i>Phragmites communis</i> (common reed) mat.....	Austria.....	1	-----	-----	Ill.
<i>Scutellonema brachyurum</i> (Steiner, 1938) An- drassy, 1958: Liliaceae (plant).....	†Australia.....	-----	-----	1	Hawaii.
Soil with bulb.....	Mexico.....	-----	-----	2	Ariz.
Soil with <i>Gardenia</i> sp. (plant).....	do.....	-----	-----	1	Tex.
Soil with Liliaceae (plant).....	†Japan.....	-----	-----	1	Hawaii.
Soil with unidentified plants.....	†Hawaii, Mexico.....	-----	-----	3	Hawaii, Tex.
<i>Septoria citri</i> Pass.: <i>Citrus aurantium</i> (sour orange).....	Japan.....	-----	1	-----	Calif.*
<i>C. grandis</i> (pummelo).....	do.....	-----	1	-----	Calif.*

See footnotes at end of table.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Septoria citri</i> Pass.—Continued					
<i>C. limon</i> (lemon)-----	Greece, Italy, Spain, unknown.		16		Calif.,* Hawaii, La., N.Y., Ohio, Tex. Fla., N.Y.
<i>C. reticulata</i> (Mandarin orange)-----	Spain, unknown.		2		Calif.,* Fla., Ohio.
<i>C. sinensis</i> (sweet orange)-----	Greece, †Hong Kong, Japan, Republic of South Africa, Spain.	2	5		
<i>Septoria curvula</i> I. Miyake:					
<i>Oryza sativa</i> (rice) hulls-----	Japan-----		1		Calif.*
† <i>Septoria miyakei</i> Sacc. & Trav.: <i>Oryza sativa</i> (rice) hulls-----	do-----		2		Calif.*
<i>Septoria oryzae</i> Catt.: <i>Oryza sativa</i> (rice) hulls and straw-----	do-----		37		Calif.*
<i>Sphaceloma fawcettii</i> Bitanc. & Jenkins var. <i>scabiosa</i> (McAlp. & Tryon) Jenkins: <i>Citrus limon</i> (lemon)-----	Australia-----		4		Calif.,* Fla., La., Pa.
† <i>Sphaceloma poinsettiae</i> Jenkins & Ruehle: <i>Euphorbia pulcherrima</i> (common poinsettia) stem and bract.	Guatemala-----			1	Fla.
<i>Sphaceloma punicea</i> Bitanc. & Jenkins: <i>Punica granatum</i> (pomegranate)-----	Dominican Republic, Mexico.	10			Ariz., P.R., Tex.
<i>Sphaceloma spondiadis</i> Bitanc. & Jenkins:					
<i>Spondias cytherea</i> (vi-apple)-----	†Guatemala-----	1			La.
<i>S. mombin</i> ("jobo")-----	Barbados-----	1			N.Y.
<i>S. purpurea</i> (purple mombin)-----	†Dominican Republic, †El Salvador.	2			La., N.Y.
<i>Spondias</i> sp.-----	†Trinidad-----	1			N.Y.
† <i>Sphaeropsis subglobosa</i> Cke.: <i>Bambusa</i> sp. (bamboo) necklace-----	Unknown-----	1			Fla.
<i>Sphenospora kevorkianii</i> Linder:					
<i>Cochlioda</i> sp. (orchid) leaf-----	Ecuador-----			1	N.Y.
<i>Diacrium</i> sp. (orchid) leaf-----	Costa Rica-----			1	Calif.*
<i>Epidendrum cochleatum</i> (orchid) leaf-----	Jamaica-----			1	Fla.
<i>E. difforme</i> (leaf)-----	Guatemala-----			3	Fla.
<i>E. stamfordianum</i> (leaf)-----	Canal Zone-----			1	Fla.
<i>Epidendrum</i> sp. (leaf)-----	†Grenada, Haiti, Hon- duras, Panama.			4	Fla.
<i>Gongora</i> sp. (orchid) leaf-----	Mexico, Peru-----			2	Fla., Tex.
<i>Huntleya burtii</i> (orchid) leaf-----	Canal Zone, Costa Rica.			3	Fla.
<i>Ionopsis</i> sp. (?) (orchid) leaf-----	Haiti-----			1	Fla.
<i>Notylia lyrata</i> (orchid) leaf-----	Brazil-----			2	Fla.
<i>Oncidium bicallosum</i> (orchid) leaf-----	†Surinam-----			1	Fla.
<i>O. luridum</i> (leaf)-----	†El Salvador-----			1	Fla.
<i>O. pusillum</i> (leaf)-----	Guatemala-----			1	Fla.
<i>O. splendidum</i> (leaf)-----	Honduras-----			1	Fla.
<i>Oncidium</i> sp. (leaf)-----	†El Salvador, Haiti, Jamaica, Peru.			5	Fla., N.Y.
Orchid (leaf)-----	Bahamas, †British Guiana, Ecuador, Panama.			7	Calif.,* Fla., N.Y.
<i>Trigonidium</i> sp. (orchid) leaf-----	Guatemala-----			1	Calif.*
<i>Zygopetalum cerinum</i> (orchid) leaf-----	Canal Zone-----			1	Fla.
<i>Zygostates lunata</i> (orchid) leaf-----	Brazil-----			1	Fla.
<i>Sphenospora mera</i> Cumm.: <i>Catasetum</i> sp. (orchid) leaf-----	Ecuador-----			1	Fla.
† <i>Thecaphora solani</i> Barrus: <i>Solanum tuberosum</i> (potato)-----	Colombia-----	1			Fla.
† <i>Trochila ilicis</i> (Fr.) Crouan: <i>Ilex</i> sp. (holly) leaf-----	Italy-----	1			N.Y.
<i>Tylenchorhynchus capitatus</i> Allen, 1955:					
Soil with <i>Camellia</i> sp.-----	†Portugal-----			1	N.Y.
Soil with <i>Solandra</i> sp. (chalice vine)-----	Mexico-----			1	Ariz.
Soil with unidentified tree-----	do-----			1	Hawaii.
† <i>Tylenchorhynchus crassicaudatus</i> Williams, 1960: Soil with Araceae (plant)-----	Philippines-----			1	Hawaii.
Soil with <i>Ligustrum</i> sp.-----	Japan-----			1	Hawaii.

See footnotes at end of table.

Pests Recorded From July 1, 1962, Through June 30, 1963—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Uredo guacae</i> Mayor:					
<i>Epidendrum</i> sp. (orchid) leaf.....	†Dominican Republic	-----	-----	1	N.Y.
<i>Phalaenopsis</i> sp. (orchid) leaf.....	Peru.....	-----	-----	1	Fla.
<i>Uredo nigropuncta</i> P. Henn.:					
<i>Bletia</i> sp. (orchid) leaf.....	Bahamas.....	-----	-----	1	Fla.
<i>Uredo oncidii</i> P. Henn.:					
<i>Oncidium cavendishianum</i> (orchid) leaf.....	Mexico.....	-----	-----	1	Tex.
<i>Uredo scabies</i> Cke.:					
<i>Vanilla</i> sp. (orchid) leaf.....	do.....	-----	-----	1	Tex.
† <i>Uromyces dolicholi</i> Arth.:					
<i>Cajanus cajan</i> (pigeonpea) leaf.....	Panama.....	1	-----	-----	Fla.
‡ <i>Uromyces euphorbiae</i> Cke. & Pk.:					
<i>Euphorbia</i> sp.....	Mexico.....	1	-----	-----	Ariz.
† <i>Uromyces jatrophae</i> Diet. & Holw.:					
<i>Manihot esculenta</i> (common cassava) leaf.....	Dominican Republic.....	-----	-----	2	Fla.
† <i>Uromyces vicia-fabae</i> (Pers.) Schroet. (Syn.: <i>U. fabae</i>):					
<i>Lens culinaris</i> (lentil) pod and stem.....	Ecuador.....	1	-----	-----	Fla.
<i>Uromycladium tepperianum</i> (Sacc.) McAlp.:					
<i>Acacia decora</i> (graceful-wattle acacia) seed.....	Australia.....	-----	-----	1	Calif.*
<i>Xanthomonas citri</i> (Hasse) Dowson:					
<i>Citrus aurantifolia</i> (lime) dried peel and fruit.....	Afghanistan, Federation of Malaysia, India, Japan, Pakistan, Philippines, Thailand, unknown, Vietnam.....	20	150	-----	Calif.,* Hawaii, N.Y., Wash.
<i>C. aurantium</i> (sour orange).....	Japan.....	-----	24	-----	Calif.,* La., Pa., Tex., Wash.
<i>C. grandis</i> (pummelo).....	China, Federation of Malaysia, Formosa, Hong Kong, Thailand.....	2	5	-----	Calif.,* Hawaii, N.C.
<i>C. limon</i> (lemon).....	Japan.....	-----	17	-----	Calif.,* Hawaii, La., Oreg., Tex.
<i>C. paradisi</i> (grapefruit).....	do.....	1	3	-----	Calif.,* Hawaii, Wash.
<i>C. paradisi</i> X <i>C. reticulata</i> (tangelo).....	do.....	-----	1	-----	Hawaii.
<i>C. reticulata</i> (Mandarin orange) dried peel and fruit.....	China, Hong Kong, India, Japan, unknown.....	19	11	-----	Calif.,* Fla., Hawaii, La., N.Y., Tex.
<i>C. reticulata</i> cv. (dried peel).....	Hong Kong.....	1	-----	-----	Tex.
<i>C. sinensis</i> (sweet orange) dried peel and fruit.....	China, Formosa, Hong Kong, India, Japan, unknown.....	18	90	-----	Ala., Calif.,* Ga., Hawaii, La., N.Y., Oreg., Pa., Tex., Wash.
<i>Citrus</i> sp. (dried peel, fruit, and leaf).....	China, Hong Kong, Japan, Pakistan, unknown.....	8	7	-----	Calif.,* Hawaii, N.Y., Tex., Wash.
‡ <i>Xanthomonas dieffenbachiae</i> (McCul. & Pirone) Dows.:					
<i>Dieffenbachia picta</i> (variable tuftroot).....	Puerto Rico.....	-----	1	-----	P.R.
<i>Xanthomonas</i> sp. (Cancerosis B):					
<i>Citrus limon</i> (lemon).....	Argentina, South America (country(?)), unknown.....	-----	18	-----	N.Y., Pa., P.R., Tex.
<i>C. sinensis</i> (sweet orange).....	South America (country(?)).	-----	1	-----	N.Y.

An asterisk (*) indicates State inspection.

A dagger (†) indicates a first interception from the country named.

A double dagger (‡) indicates a first interception by Division inspectors.

Hosts and Diseases

- ACACIA:**
Ravenelia spegazziniana (Promycetes)
Uromycladium tepperianum (Promycetes)
- ALLIUM CEPA:**
Mycosphaerella schoenoprasii (Ascomycetes)
- ALLIUM PORRUM:**
Mycosphaerella schoenoprasii (Ascomycetes)
- ALLIUM SP.:**
Mycosphaerella schoenoprasii (Ascomycetes)
- ALOCASIA:**
Meloidogyne arenaria (Nematoda)
- ANEMONE:**
Meloidogyne hapla (Nematoda)
- ANNONA:**
Echinodella guatemalensis (Ascomycetes)
Leprieurina winteriana (Deuteromycetes)
- ANTHURIUM:**
Meloidogyne incognita acrita (Nematoda)
Radopholus similis (Nematoda)
- ARAUCARIA:**
Botryosphaeria berengeriana var. *araucariae* (Ascomycetes)
Cryptospora longispora (Ascomycetes)
Macrophoma araucariae (Deuteromycetes)
- ARMORACIA:**
Rotylenchus goodeyi (Nematoda)
R. robustus (Nematoda)
- AUCUBA:**
Phyllosticta aucubicola (Deuteromycetes)
- BAMBOO:**
Puccinia longicornis (Promycetes)
- BAMBUSA:**
Sphaeropsis subglobosa (Deuteromycetes)
- BARRINGTONIA:**
Dothiorella barringtoniae (Deuteromycetes)
- BEGONIA:**
Meloidogyne incognita (Nematoda)
M. incognita acrita (Nematoda)
- BLETTIA:**
Uredo nigropuncta (Promycetes)
- BREDIA:**
Meloidogyne hapla (Nematoda)
- BUXUS:**
Puccinia buxi (Promycetes)
- CAJANUS:**
Phoma cajani (Deuteromycetes)
Uromyces dolicholi (Promycetes)
- CALADIUM:**
Meloidogyne incognita acrita (Nematoda)
- CALLOPSIS:**
Meloidogyne incognita acrita (Nematoda)
- CANNA:**
Meloidogyne javanica (Nematoda)
Puccinia thaliae (Promycetes)
- CASTANEA:**
Cylindrosporium castaneae (Deuteromycetes)
- CATASETUM:**
Sphenospora mera (Promycetes)
- CHAMAEDOREA:**
Anthostomella leucobasis (Phycmycetes)
Coccostroma chamaedoreae (Ascomycetes)
Hypozyton folicola (Ascomycetes)
Melanconium palmarum (Deuteromycetes)
Mycosphaerella advena (Ascomycetes)
Phyllosticta cocos (Deuteromycetes)
- CHRYSANTHEMUM:**
Puccinia horiana (Promycetes)
- CITRUS AURANTIFOLIA:**
Elsinoe australis (Ascomycetes)
Guignardia citricarpa (Ascomycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS AURANTIUM:**
Guignardia citricarpa (Ascomycetes)
Septoria citri (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS GRANDIS:**
Guignardia citricarpa (Ascomycetes)
Septoria citri (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS LIMON:**
Ascochyta citri (Deuteromycetes)
Elsinoe australis (Ascomycetes)
Guignardia citricarpa (Ascomycetes)
- †Pseudomonas syringae*(?) (Schizomycetes)
Septoria citri (Deuteromycetes)
Sphaceloma fawcettii var. *scabiosa* (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
Xanthomonas sp. (Cancrosis B) (Schizomycetes)
- CITRUS PARADISI:**
Elsinoe australis (Ascomycetes)
Guignardia citricarpa (Ascomycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS PARADISI × C. RETICULATA:**
Xanthomonas citri (Schizomycetes)
- CITRUS RETICULATA:**
Elsinoe australis (Ascomycetes)
†"Greasy spot"
Guignardia citricarpa (Ascomycetes)
†Meliola butleri (Ascomycetes)
Septoria citri (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS RETICULATA CV.:**
Elsinoe australis (Ascomycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS SINENSIS:**
Ascochyta citri (Deuteromycetes)
†Coniothecium scabrum (Deuteromycetes)
Elsinoe australis (Ascomycetes)
Guignardia citricarpa (Ascomycetes)
†Septoria citri (Deuteromycetes)
Xanthomonas citri (Schizomycetes)
Xanthomonas sp. (Cancrosis B) (Schizomycetes)
- CITRUS SP.:**
†"Greasy spot"
Guignardia citricarpa (Ascomycetes)
Xanthomonas citri (Schizomycetes)
- CLEMATIS:**
Meloidogyne hapla (Nematoda)
- COCCOLOBA:**
†Phyllosticta coccobolae (Deuteromycetes)
- COCHLIODA:**
Sphenospora kevorkianii (Promycetes)
- COCOS:**
Phomopsis cocoes (Deuteromycetes)
- COFFEA:**
†Microthyrium laurenti (Ascomycetes)
†Phyllosticta coffeicola (Deuteromycetes)
- COMMELINA:**
†Mycosphaerella tetraspora (Ascomycetes)
- CONVALLARIA:**
†Aphelenchoides blastophthorus (Nematoda)
Pratylenchus convallariae (Nematoda)
- CORIANDRUM(?):**
†Meloidogyne arenaria (Nematoda)
- CYNODON:**
†Helminthosporium cynodontis (Deuteromycetes)
Phyllachora cynodontis (Ascomycetes)
- CYPERUS:**
†Puccinia cyperi (Promycetes)
- DAHLIA:**
Meloidogyne hapla (Nematoda)
Pratylenchus penetrans (Nematoda)
- DIACRUM:**
Sphenospora kevorkianii (Promycetes)
- DIANTHUS:**
†Carnation mottle virus (Virus)
- DIEFFENBACHIA:**
Meloidogyne javanica (Nematoda)
†Xanthomonas dieffenbachiae (Schizomycetes)
- ECHVERIA:**
Meloidogyne incognita (Nematoda)
- EPIDENDRUM:**
†Myriocopron orchidearum (Deuteromycetes)
†Sphenospora kevorkianii (Promycetes)
†Uredo guacae (Promycetes)
- EUCALYPTUS:**
†Dothiorella eucalypti (Deuteromycetes)
- EUPHORBIA:**
†Sphaceloma poinsettiae (Deuteromycetes)
†Uromyces euphorbiae (Promycetes)
- FRAXINUS:**
Diaporthe eres (Ascomycetes)
Phoma samararum (Deuteromycetes)
- GARDENIA:**
Meloidogyne incognita (Nematoda)
- GERBERA:**
Meloidogyne incognita acrita (Nematoda)

See footnotes at end of this list.

Hosts and Diseases—Continued

- GONGORA:
Sphenospora kevorkianii (Promycetes)
- GOSSYPPIUM:
Phakopsora gossypii (Promycetes)
- HIBISCUS:
Phyllosticta hibiscina (Deuteromycetes)
- HUNTLEYA:
Sphenospora kevorkianii (Promycetes)
- ILEX:
Phyllosticta ilicicola (Deuteromycetes)
Trochila ilicis (Ascomycetes)
- IMPATIENS:
Meloidogyne hapla (Nematoda)
- IONOPSIS(?):
Sphenospora kevorkianii (Promycetes)
- IPOMOEA:
Meloidogyne incognita acrita (Nematoda)
Phyllosticta batatas (Deuteromycetes)
- IRIS:
Puccinia iridis (Promycetes)
- JATROPHA:
Phakopsora jatrophae (Promycetes)
- JUNIPERUS:
Gymnosporangium haraeanaum (Promycetes)
- KALMIA:
Cercospora kalmiae (Deuteromycetes)
Mycosphaerella colorata (Ascomycetes)
- LACTUCA:
Cercospora longissima (Deuteromycetes)
Meloidogyne incognita acrita (Nematoda)
- LEDUM(?):
Microsphaera alni (Ascomycetes)
- LENS:
Uromyces vicia-fabae (Promycetes)
- LILIACEAE:
Scutellonema brachyurum (Nematoda)
- LILIUM:
Meloidogyne incognita (Nematoda)
- LIMONIUM:
Cercospora insulana (Deuteromycetes)
- LYCOPERSICON:
Corynespora cassicola (Deuteromycetes)
- LYONIA:
Rhytisma decolorans (Ascomycetes)
- MAHONIA:
Cumminsia mirabilissima (Promycetes)
- MALUS:
Monilinia fructigena (Ascomycetes)
- MANGIFERA:
Elsinoe mangiferae (Ascomycetes)
- MANIHOT:
Uromyces jatrophae (Promycetes)
- MENTHA:
Puccinia menthae (Promycetes)
- MESEMBRYANTHEMUM:
Camarosporium ellipticum (Deuteromycetes)
- MISCANTHUS:
Puccinia erythropus (Promycetes)
- MUHLENBERGIA:
Puccinia dochmia (?) (Promycetes)
- MUSA:
Macrophoma musae (Deuteromycetes)
- NANDINA:
Phomopsis detrusa (Deuteromycetes)
- NARCISSUS:
Ditylenchus dipsaci (Nematoda)
- NOTYLLA:
Sphenospora kevorkianii (Promycetes)
- ODONTOGLOSSUM:
Cercospora angraci (Deuteromycetes)
- OLEA:
Macrophoma dalmatica (Deuteromycetes)
M. oleae (Deuteromycetes)
- ONCIDIUM:
Puccinia oncidii (Promycetes)
Sphenospora kevorkianii (Promycetes)
Uredo oncidii (Promycetes)
- ORCHID:
Sphenospora kevorkianii (Promycetes)
- ORNITHOGALUM:
Meloidogyne javanica (Nematoda)
M. incognita acrita (Nematoda)
M. incognita incognita (Nematoda)
Puccinia ornithogali-thyrsoides (Promycetes)
- ORYZA:
Neovossia horrida (Promycetes)
Phaeoseptoria oryzae (Deuteromycetes)
Septoria curvula (Deuteromycetes)
S. miyakei (Deuteromycetes)
S. oryzae (Deuteromycetes)
- PANICUM:
Laelicella graminicola (Deuteromycetes)
- PHALAEOPSIS:
Uredo quacae (Promycetes)
- PHASEOLUS:
Cercospora brachiata (Deuteromycetes)
- PHILODENDRON:
Meloidogyne incognita acrita (Nematoda)
- PIRAGMITES:
Scirrhia rimosa (Ascomycetes)
- PHYLLAGATHIS:
Meloidogyne hapla (Nematoda)
- PICEA:
Phomopsis conorum (Deuteromycetes)
- PROTEA:
Leptosphaeria protearum (Ascomycetes)
- PRUNUS:
Monilinia fructigena (Ascomycetes)
- PUNICA:
Sphaceloma punicae (Deuteromycetes)
- PYRACANTHA:
Fusicladium pyracanthae (Deuteromycetes)
- RANUNCULUS:
Meloidogyne hapla (Nematoda)
- RHODODENDRON:
Chrysomyxa ledi var. *rhododendri* (Promycetes)
- RIBES:
Cronartium ribicola (Promycetes)
- ROSA:
Elsinoe rosarum (Ascomycetes)
Meloidogyne hapla (Nematoda)
Rose mosaic (Virus)
Rose mosaic—yellow type (Virus)
- RUSCUS:
Phyllosticta ruscicola (Deuteromycetes)
- SAMANEA:
Polyporus phocinus (Basidiomycetes)
- SOIL:
Aphelenchoides parietinus (Nematoda)
Criconea cetetum (Nematoda)
C. fimbriatum (Nematoda)
Criconeoides curvatum (Nematoda)
C. informe (Nematoda)
C. mutabile (Nematoda)
Helicotylenchus nannus (Nematoda)
Hemicriconemoides mangiferae (Nematoda)
Heterodera avenae (Nematoda)
H. punctata (Nematoda)
H. rostochiensis (Nematoda)
Pratylenchus penetrans (Nematoda)
Rotylenchus robustus (Nematoda)
R. uniformis (Nematoda)
Scutellonema brachyurum (Nematoda)
Tylenchorhynchus capitatus (Nematoda)
T. crassicaudatus (Nematoda)
- SOLANUM:
Meloidogyne arenaria (a) (Nematoda)
M. javanica (Nematoda)
Thecaphora solani (Promycetes)
- SORBUS:
Phyllosticta sorbi var. *terminalis* (Deuteromycetes)
- SORGHUM:
Ascochyta sorghina (Deuteromycetes)
- SPONDIAS:
Sphaceloma spondiadis (Deuteromycetes)
- STACHYTARPHETA:
Puccinia urbaniana (Promycetes)
- TRIGONIDIUM:
Sphenospora kevorkianii (Promycetes)
- TRITICUM:
Fusarium avenaceum (Deuteromycetes)
F. nivale (Deuteromycetes)
Puccinia striiformis (Promycetes)
- ULMUS:
Phyllactinia guttata (Ascomycetes)
- VANILLA:
Uredo scabiei (Promycetes)

See footnotes at end of this list.

Hosts and Diseases—Continued

VITIS:	ZINNIA:
† <i>Guignardia bidwellii</i> (Ascomycetes)	† <i>Alternaria zinniae</i> (Deuteromycetes)
YUCCA:	ZIZYPHUS:
<i>Meloidogyne incognita acrita</i> (Nematoda)	† <i>Cercospora jujubae</i> (Deuteromycetes)
ZINGIBER:	ZYGOPETALUM:
† <i>Meloidogyne arenaria</i> (Nematoda)	<i>Sphenospora kevorkianii</i> (Promycetes)
<i>Radopholus similis</i> (Nematoda)	ZYGOSTATES:
	<i>Sphenospora kevorkianii</i> (Promycetes)

Hosts Unknown

GRASS:	† <i>M. javanica</i> (Nematoda)
† <i>Phyllachora graminis</i> (Ascomycetes)	ROOT—UNIDENTIFIED
PLANT—UNIDENTIFIED:	† <i>Meloidogyne hapla</i> (Nematoda)
† <i>Meloidogyne arenaria</i> (Nematoda)	

A dagger (†) indicates a first interception from the country of origin.

A double dagger (‡) indicates a first interception by Division inspectors.

Countries of Origin and Diseases

- AFGHANISTAN:
Xanthomonas citri
- AMERICAN SAMOA:
†*Polyporus phocinus*
- ARGENTINA:
Cricnemoides curvatum
Elsinoe australis
†"Greasy spot"
Helicotylenchus nannus
Heterodera rostochiensis
Xanthomonas sp. (Cancrosis B)
- AUSTRALIA:
†*Dothiorella eucalypti*
Guignardia citricarpa
†*Scutellonema brachyurum*
Sphaceloma fawcettii var. *scabiosa*
Uromycladium tepperianum
- AUSTRIA:
Chrysomyxa ledi var. *rhododendri*
†*Puccinia iridis*
†*Scirrhia rimosa*
- BAHAMAS:
†*Phyllosticta hibiscina*
Sphenospora kevorikianii
Uredo nigropuncta
- BARBADOS:
Sphaceloma spondiadis
- BELGIUM:
Phyllosticta aucubicola
†*Phyllosticta sorbi* var. *terminalis*
- BRAZIL:
Elsinoe australis
Guignardia citricarpa
Helicotylenchus nannus
Meloidogyne arenaria
M. javanica
Sphenospora kevorikianii
- BRITISH GUIANA:
†*Sphenospora kevorikianii*
- BRITISH HONDURAS:
†*Cercospora longissima*
- CANADA:
Microsphaera alni
†*Phyllachora graminis*
- CANAL ZONE:
†*Myiocytopron orchidearum*
Sphenospora kevorikianii
- CANARY ISLANDS:
Heterodera rostochiensis
- CHINA:
Guignardia citricarpa
Xanthomonas citri
- COLOMBIA:
Meloidogyne incognita acrita
†*Thecaphora solani*
- COSTA RICA:
†*Elsinoe mangiferae*
Meloidogyne incognita acrita
†*Phyllosticta coffeicola*
Sphenospora kevorikianii
- CZECHOSLOVAKIA:
Heterodera punctata
- DENMARK:
†*Aphelenchoides blastophthorus*
Pratylenchus convallariae
- DOMINICAN REPUBLIC:
†*Echidnodelia guatemalensis*
Elsinoe mangiferae
"Greasy spot"
†*Leprieurina winteriana*
Phakopsora jatrophicola
†*Phoma cajani*
†*Puccinia urbaniana*
Sphaceloma puniceae
†*S. spondiadis*
†*Uredo guacae*
†*Uromyces jatrophae*
- ECUADOR:
Puccinia oncidii
Sphenospora kevorikianii
S. mera
†*Uromyces vicia-fabae*
- EL SALVADOR:
†*Sphaceloma spondiadis*
- †*Sphenospora kevorikianii*
- ENGLAND:
Cercospora angraeci
Ditylenchus dipsaci
Heterodera punctata
H. rostochiensis
Meloidogyne incognita acrita
Puccinia buxi
†*Rotylenchus goodeyi*
R. robustus
- EUROPE (country(?)):
Cercospora kalmiae
Heterodera punctata
Mycosphaerella colorata
Puccinia buxi
- FEDERATION OF MALAYSIA:
†*Ascochyta citri*
Xanthomonas citri
- FIJI:
†*Aphelenchoides parietinus*
- FORMOSA:
Guignardia citricarpa
†*Macrophoma musae*
Xanthomonas citri
- FRANCE:
†*Fusarium avenaceum*
†*F. nivale*
Heterodera avenae
Monilinia fructigena
Puccinia buxi
P. striiformis
- GERMANY:
†*Cricnemoides informe*
Cronartium ribicola
†*Fusicladium pyracanthae*
Heterodera avenae
H. punctata
H. rostochiensis
Meloidogyne hapla
Monilinia fructigena
Phomopsis conorum
- GREECE:
Septoria citri
- GUENADA:
†*Sphenospora kevorikianii*
- GUATEMALA:
†*Corynespora cassiicola*
Meloidogyne incognita acrita
Rose mosaic
†*Sphaceloma poinsettiae*
†*S. spondiadis*
Sphenospora kevorikianii
- HAITI:
†*Cercospora insulana*
†"Greasy spot"
Phakopsora gossypii
†*P. jatrophiicola*
†*Puccinia menthae*
†Rose mosaic—yellow type
Sphenospora kevorikianii
- HAWAII:
Dothiorella barringtoniae
†*Helicotylenchus nannus*
Macrophoma musae
Phomopsis cocoes
Radopholus similis
†*Scutellonema brachyurum*
- HONDURAS:
†*Guignardia bidwellii*
†*Puccinia thaliae*
Sphenospora kevorikianii
- HONG KONG:
Guignardia citricarpa
†*Septoria citri*
Xanthomonas citri
- INDIA:
†*Helminthosporium cynodontis*
Phyllachora cynodontis
Xanthomonas citri
- INDIA(?):
Guignardia citricarpa
- IRELAND:
Heterodera punctata
H. rostochiensis

See footnotes at end of this list.

Countries of Origin and Diseases—Continued

IRELAND—Continued

- †*Meloidogyne hapla*
- Puccinia buxi*
- †*Rotylenchus uniformis*

ITALY:

- †*Alternaria zinniae*
- †*Carnation mottle virus*
- Cylindrosporium castaneae*
- Diaporthe eres*
- †*Elsinoe rosarum*
- Macrophoma oleae*
- Monilinia fructigena*
- Phyllosticta ruscicola*
- Pseudomonas syringae*(?)
- Septoria citri*
- †*Trochila ilicis*

JAMAICA:

- †*Elsinoe mangiferae*
- Phakopsora gossypii*
- †*Phoma cajani*
- Sphenospora kevorikantii*

JAPAN:

- Ascochyta citri*
- Guignardia citricarpa*
- Gymnosporangium haraeaeum*
- †*Helicotylenchus nannus*
- Meloidogyne hapla*
- M. incognita acrita*
- Mycosphaerella schoenoprasii*
- Neovossia horrida*
- †*Phomopsis detrusa*
- †*Puccinia erythropus*
- P. horiana*
- P. longicornis*
- †*Scutellonema brachyurum*
- Septoria citri*
- S. curvula*
- †*S. miyakei*
- S. oryzae*
- †*Tylenchorhynchus crassicaudatus*
- Xanthomonas citri*

LEBANON:

- Macrophoma dalmatica*
- †*Meloidogyne hapla*

MEXICO:

- †*Anthostomella leucobasis*
- Ascochyta sorghina*
- †*Coccostroma chamaedoreae*
- †*Coniothecium scabrum*
- †*Criconema fimbriatum*
- Criconemoides curvatum*
- C. mutabile*
- Elsinoe mangiferae*
- "Greasy spot"
- Helicotylenchus nannus*
- †*Hemicriconemoides mangiferae*
- Heterodera punctata*
- †*Hypoxyylon folicola*
- †*Lacellina graminicola*
- †*Melanconium palmarum*
- Meloidogyne arenaria*
- M. incognita*
- M. incognita acrita*
- M. javanica*
- †*Microthyrium laurenti*
- Mycosphaerella advena*
- †*Phaeoseptoria oryzae*
- Phyllactinia guttata*
- †*Phyllosticta cocos*
- †*Puccinia dochmia*(?)
- Ravenelia spegazziniana*
- Scutellonema brachyurum*
- Sphaceloma puniceae*
- Sphenospora kevorikantii*
- Tylenchorhynchus capitatus*
- Uredo oncidii*
- U. scabies*
- †*Uromyces euphorbiae*

MEXICO(?):

- †*Phyllosticta ilicicola*

NEPAL:

- †*Rhytisma decolorans*

NETHERLANDS:

- Cumminsia mirabilissima*

*Heterodera rostochiensis**Meloidogyne hapla**M. incognita acrita*

NEW GUINEA:

Macrophoma araucariae

NEW ZEALAND:

Macrophoma araucariae

NICARAGUA:

†*Meloidogyne arenaria*†*M. javanica*†*Phakopsora jatrophiicola*

NORTHERN IRELAND:

Heterodera rostochiensis

NORWAY:

*Heterodera punctata**H. rostochiensis**Phoma samararum*

NORWAY(?):

†*Chrysomyxa ledi* var. *rhododendri*

OKINAWA:

Guignardia citricarpa

PAKISTAN:

*Guignardia citricarpa**Xanthomonas citri*

PANAMA:

Sphenospora kevorikantii

†*Uromyces dolicholi*

PARAGUAY:

Elsinoe australis

PERU:

Heterodera rostochiensis

†*Puccinia cyperi*

Sphenospora kevorikantii

Uredo guacae

PHILIPPINES:

Guignardia citricarpa

†*Helicotylenchus nannus*

†*Meliola butleri*

Phomopsis cocoes

†*Tylenchorhynchus crassicaudatus*

Xanthomonas citri

PORTUGAL:

†*Criconema celetum*

†*Criconemoides curvatum*

†*Meloidogyne hapla*

†*Pratylenchus penetrans*

†*Pseudomonas syringae*(?)

†*Rotylenchus uniformis*

†*Tylenchorhynchus capitatus*

PUERTO RICO:

Cercospora brachiata

Elsinoe mangiferae

†*Mycosphaerella tetraspora*

Phoma cajani

†*Phyllosticta batatas*

†*P. coccolobae*

Puccinia urbaniana

†*Xanthomonas dieffenbachiae*

REPUBLIC OF SOUTH AFRICA:

Botryosphaeria berengeriana var. *araucaeae*

†*Camarosporium ellipticum*

†*Coniothecium scabrum*

Guignardia citricarpa

†*Helminthosporium cynodontis*

Leptosphaeria protearum

Meloidogyne incognita

M. incognita acrita

M. incognita incognita

M. javanica

Pratylenchus penetrans

Puccinia ornithogalli-thyrsoideae

Septoria citri

SCOTLAND:

Heterodera punctata

H. rostochiensis

SENEGAL:

†*Meloidogyne incognita acrita*

SOUTH AMERICA (country(?)):

Elsinoe australis

Heterodera rostochiensis

Xanthomonas sp. (Cancrosis B)

SPAIN:

†*Coniothecium scabrum*

Monilinia fructigena

See footnotes at end of this list.

Countries of Origin and Diseases—Continued

SPAIN—Continued

Septoria citri

SURINAM:

†*Sphenospora kevorkianii*

SWEDEN:

*Heterodera rostochiensis**Mycosphaerella schoenoprasii*

SWITZERLAND:

Chrysomya ledi var. *rhododendri*†*Monilinia fructigena*†*Puccinia buxi*

TAHITI(?):

Guignardia citricarpa

THAILAND:

†*Cercospora jujubae**Guignardia citricarpa**Xanthomonas citri*

TRINIDAD:

Meloidogyne incognita acrita†*Sphaceloma spondiadis*

UNKNOWN:

*Ascochyta citri**Cryptospora longispora**Elsinoe australis**E. mangiferae**Guignardia citricarpa**Heterodera rostochiensis**Pseudomonas syringae*(?)*Puccinia buxi**Septoria citri*†*Sphaeropsis subglobosa**Xanthomonas citri**Xanthomonas* sp. (Cancrosis B)

URUGUAY:

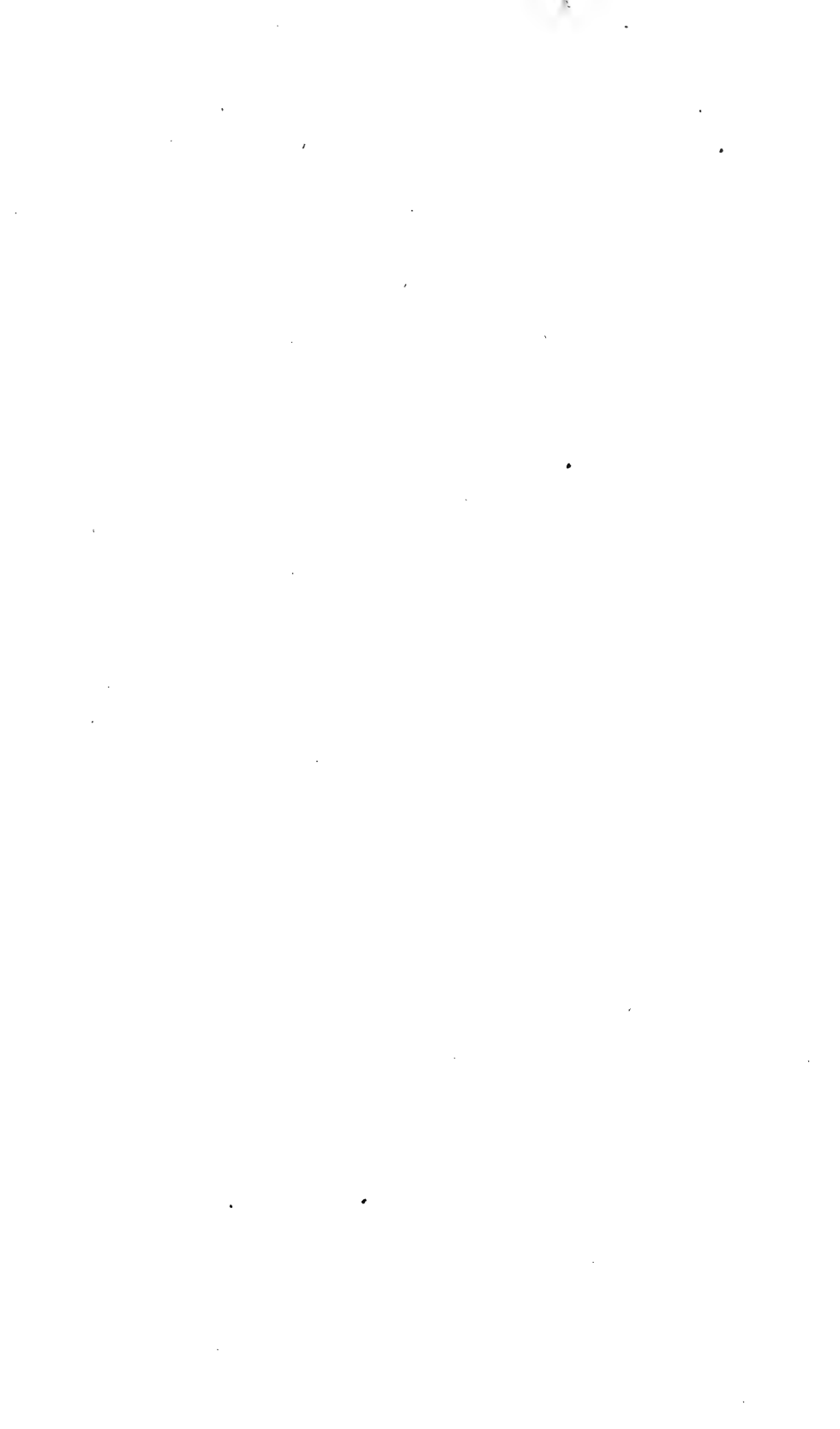
Elsinoe australis

VIETNAM:

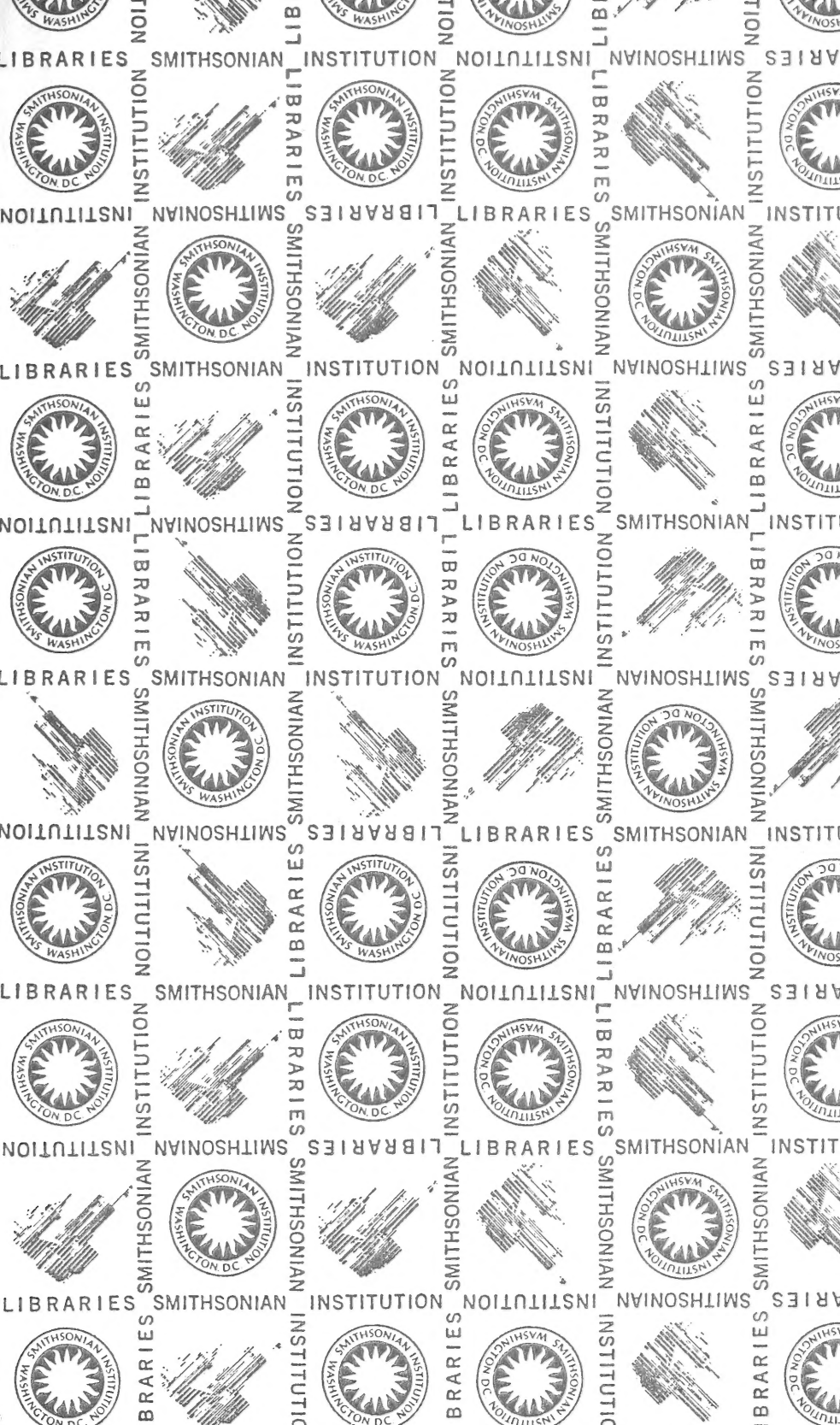
*Guignardia citricarpa**Xanthomonas citri*

A dagger (†) indicates a first interception from the country named.

A double dagger (‡) indicates a first interception by Division inspectors.







SMITHSONIAN INSTITUTION LIBRARIES



3 9088 01272 5784